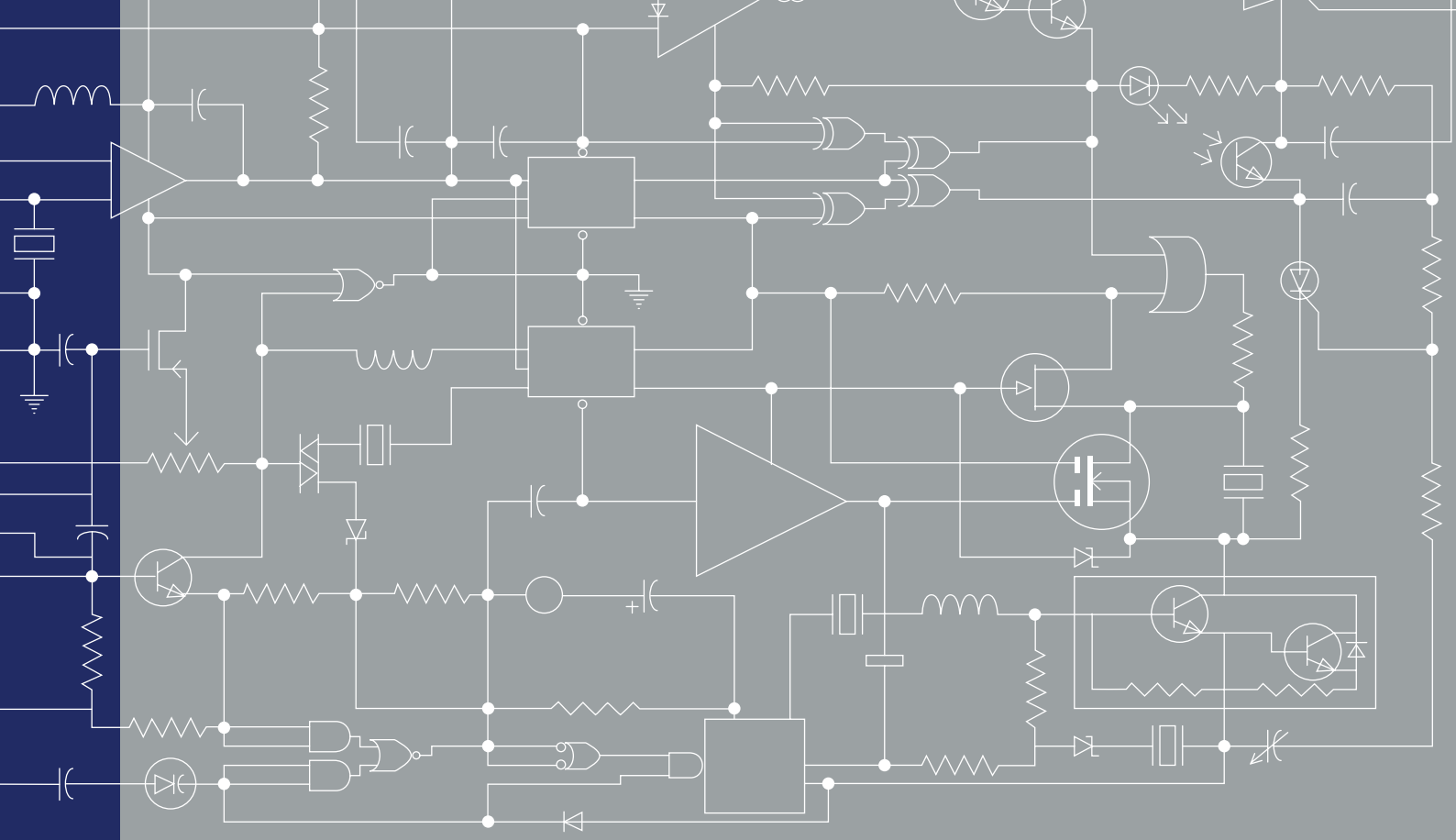


GENERAL **CATALOGUE**



GENERAL CATALOGUE

1st EDITION 2025

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IDE ELECTRIC S.L.

www.ideelectric.com

IDE is a company located in Zaragoza (Spain) which operates in the international electrical sector. It engages in the manufacture of plastic enclosures and metal cabinets for low-voltage electricity distribution and for the telecommunications sector. It also manufactures and markets power sockets for household and industrial use. All its series feature internationally-patented products.

Since it was founded in 1987, the company has been driven by innovation, quality and the technological development of its products and production processes.

This strategy of investing in ongoing improvement has led it to become one of the leading professional electrical material brands in the international electrical market.

The quality and the design of IDE's products, as well as the effective and personalised service it offers, has consolidated its position on the market with a loyal client portfolio.







Quality

IDE's products undergo regular quality controls such as glow-wire resistance, dust and watertightness, and resistance to impact.

These controls guarantee compliance with all the international quality and safety standards for the electricity market and allows it to be present as an approved supplier in highly industrialized and demanding sectors.



Safety, reliability and design for all environments

Our commitment

- **Quality:** investment in the continuous improvement of products and production processes.
- **Technical assistance:** personalised advice, technical assistance tools such as the CEC (Configurator of Electrical Cabinets) software and CAD drawings (DXF, PDF and STEP), etc.
- **Customisation:** solutions to meet the needs of specific installations.
- **Customer service:** guaranteed deadlines for production and delivery.
- **A wide catalogue:** over 4100 standard items.
- **Distribution:** extensive national and international distribution network.

Our goal

- We focus on the quality of our products and on providing an efficient and reliable service.
- Personalised advice and technical assistance form part of a process of continuous improvement in our organisation.
- We are constantly improving the design of our products because we know how much image matters.
- We work under a preventive approach that favours the environment and the well-being of people both now and in the future.

Available tools

CEC Panel set-up program

A powerful tool for configuring customised panels for every installation. It contains the full IDE catalogue and allows you to prepare complete quotations for metal cabinets and construction site panels, permitting the selection of all the accessories offered by IDE.



Through our website, **www.ideelectric.com**, you will be able to subscribe to our **CEC program**.

Our website www.ideelectric.com allows you to access all our products in just one click.

- Catalogues, technical data.
- Certificates.
- 2D and 3D drawings.
- Installation instructions.
- Applications and maintenance recommendations.
- Latest news and events.

Our R&D&I Department offers specialised and personalised technical advice.

You can use the **export@ide.es** email address for any technical queries you might have and send your RFQs for special assemblies, site panels or projects requiring particular specifications.





Custom solutions

Different designs for all sorts of requirements

- IDE's specialisation in plastic and metal enclosures means it can undertake custom projects for different end clients, providing special assemblies and metal cabinets to meet the specific needs of different installations.

- Our versatile manufacturing processes allow us to produce any type of assembly, cabinet or box at highly competitive prices and in short time frames.

- Sizes, shapes, cut-outs and colours all produced to meet the technical and quality standards of the most demanding markets.



Specialisation and technology within your reach





Our large engineering department can provide personalised technical advice.

Maintenance recommendations

Painted metal cabinets

Cabinets and accessories in the Argenta series meet the requirements of standard IEC 62208 for metallic enclosures that are to be installed outdoors.

Although standard IEC 62208 allows for a degree of rusting Ri1, in accordance with ISO 4628-3, and although in practice this degree of rusting does not affect the function or mechanical solidity of the enclosure, maintenance to avoid its aesthetic deterioration and to prolong its useful life is recommended.



Maintenance recommendations

- **Frequency:** Annual.
- **Visual inspection:** Detection of any harm to the surface such as scrapes or impacts that could have damaged the paint coating.
- **Initial signs of rust:** Due to scrapes, impacts or any other causes.
  - Remove the surface rust.
  - Abrade the surface rust to get rid of it completely.
- **Cleaning:** Clean the affected area with alcohol or an evaporating cleaner.
- **Paint:** Paint the affected surface with a synthetic paint.

Stainless steel cabinets

Due to its excellent strength, stainless steel is a material that is easy to keep in good condition, although there is a tendency to falsely believe that it is maintenance-free.

In order to preserve its inherent qualities, some minimum recommendations must be followed during its storage, handling and use. Together with the appropriate level of regular cleaning, this will allow it to remain in its original condition, maintaining its corrosion resistance, hygiene and appearance.



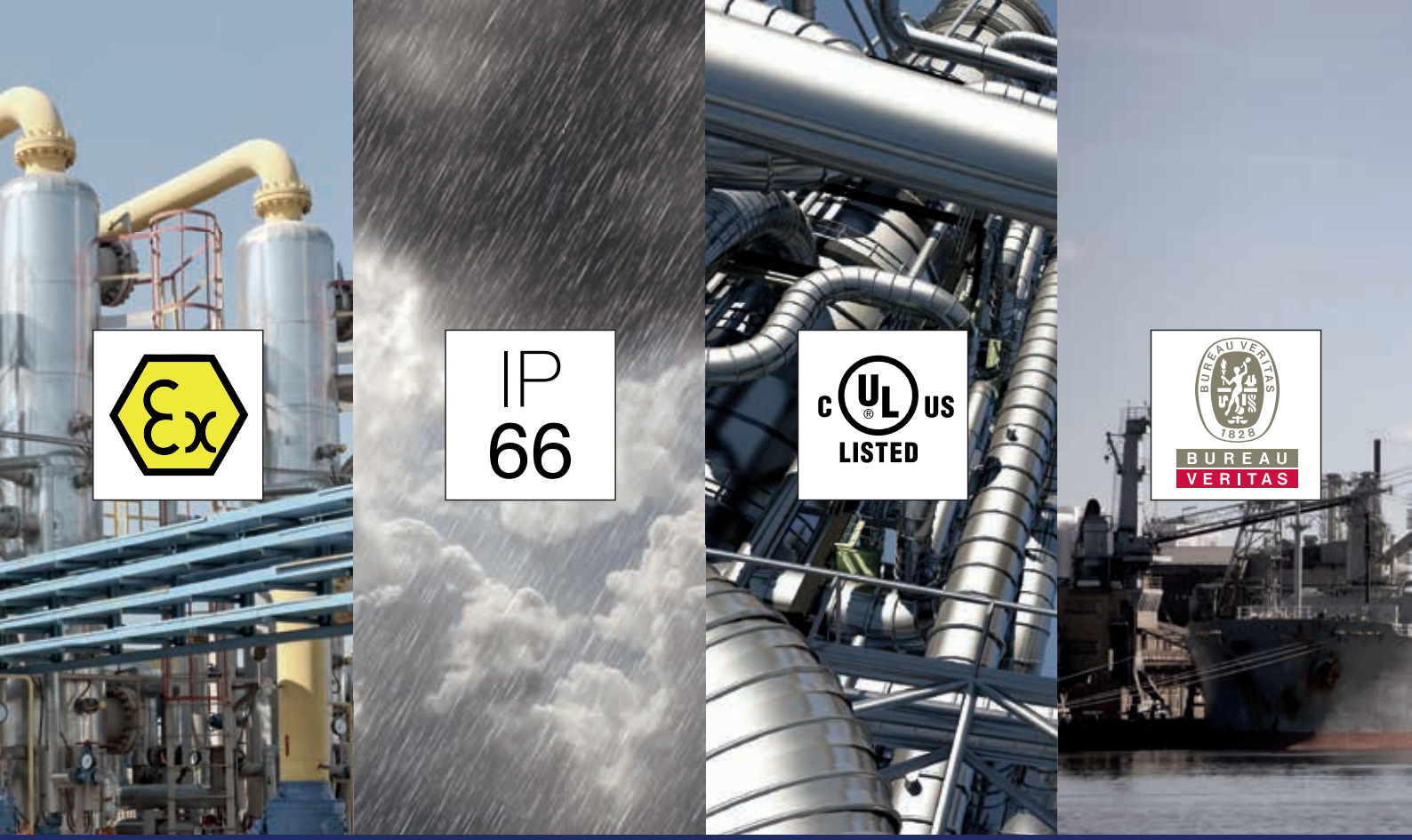
Maintenance recommendations

- The frequency of cleaning will depend on the environment to which the cabinet is exposed.
- Wash the surfaces with water and neutral soap until all the dirt has been cleaned off.
- Use cloths and/or sponges that will not scratch the stainless steel surface.
- Never forget to rinse well with water following all cleaning.
- Finishing by drying the cabinet to enhance the surfaces' appearance.
- Clean and dry following the direction of the polish lines.

What not to do:

We advise against doing any of the following:

- Do not use bleach.
- Never use any carbon steel tools in contact with stainless steel, as this will cause contamination from the steel and the immediate appearance of orangebrown rust on the stainless steel surfaces.



Maximum resistance and safety within your reach

Protection Rating

Degree of protection against solid objects

IP	IP 0X	IP 1X	IP 2X	IP 3X	IP 4X	IP 5X	IP 6X
Equipment protection	No protection	Solid objects above Ø 50 mm	Solid objects above Ø 12.5 mm	Solid objects above Ø 2.5 mm	Solid objects above Ø 1 mm	Dust tightness	Full dust tightness
Protection of persons	No protection	Unintended impact on the hand	Fingers	Tools and screws	Fine tools and small wires	Dust tightness	Full dust tightness

Degree of watertightness

IP X0	IP X1	IP X2	IP X3	IP X4	IP X5	IP X6	IP X7	IP X8
	Vertical fall of water drops (condensation)	Water fall up to 15° from the vertical	Rain water up to 60° from the vertical	Water projection in every direction	Water thrown in every direction	Water thrown similar to a wave slap	Immersion	Prolonged effects of immersion in specific conditions

Degree of protection against mechanical impact

IK	IK 00	IK 01	IK 02	IK 03	IK 04	IK 05	IK 06	IK 07	IK 08	IK 09	IK 10
Shock Energy (Joules)	No protection	0.15	0.2	0.35	0.5	0.7	1	2	5	10	20

IP XX: Protection of the enclosure against the entry of liquids and solid objects.
IP XX: Degree of protection against the entry of solid objects (from 0 to 6).
IP XX: Degree of watertightness (from 0 to 8).
IK XX: Protection against mechanical impact.
IK XX: Resistance to impact in Joules.

Industrial cabinets

Wall-mounting cabinets

Cabinets for industrial environments, available in different materials, degrees of protection and resistances, in order to meet the specific needs of each environment.



ARGENTA SERIES

IP66 Rolled steel cabinets

See page 20



ARGENTA INOX SERIES

304L and 316L stainless steel cabinets

See page 30

Industrial environments

Manufacturing companies that require a high degree of protection against dust, splattering and impacts.

Materials:

- Cold rolled and galvanised steel, primed and painted RAL 7035 Light Grey.
- Injected polyurethane sealing gasket.

Technical characteristics:

- Degree of protection: IP66 - NEMA 1, 4, 12 (single-door cabinets).
  IP55 - NEMA 1, 12 (double-door cabinets).
- Resistance to impact: IK10.

Industrial environments with extremely aggressive agents or saline environments

Food, chemical and petrochemical industries, where a high degree of hygiene is required. Sea ports and areas with a high salt or chlorine concentration.

Materials:

- AISI 304L stainless steel (food environments).
- AISI 316L stainless steel (marine or chlorine environments).
- Injected polyurethane sealing gasket.

Technical characteristics:

- Degree of protection: IP66 - NEMA 1, 4, 4x, 12 (single-door cabinets).
  IP55 - NEMA 1, 12 (double-door cabinets).
- Resistance to impact: IK10.

A specific product for each environment



ARGENTA ATEX SERIES

Rolled steel and AISI 304L & 316L stainless steel ATEX cabinets

See page 70



GLASS SERIES

IP66-IP55 Polyester cabinets

See page 90

Environments with potentially explosive atmospheres

Hazardous areas with the possibility of explosive atmosphere due to the presence of flammable gases, vapours, mists or dust in which an explosion may occur after ignition.

Rolled steel (RAL 7035 Light Grey):

- Degree of protection: IP66 - NEMA 1, 4, 12.
- Resistance to impact: IK10.
- ATEX Classification: II 2GD-Ex eb IIC Gb - Ex tb IIIC Db.
- Certified by LOM: Cabinets with injected polyurethane sealing gasket (-25 ºC / +60 ºC).

Stainless Steel (AISI 304L & 316L):

- Degree of protection: IP66 - NEMA 1, 4, 4x, 12.
- Resistance to impact: IK10.
- ATEX Classification: II 2GD-Ex eb IIC Gb - Ex tb IIIC Db.
- Certified by DEKRA: Cabinets with injected silicone rubber sealing gasket (-55 ºC / +100 ºC).

Outdoor facilities and industrial environments

Chemical and pharmaceutical industries, transformer sub-stations and outdoor areas where durability and resistance against chemicals and UV rays are necessary.

Materials:

- Fibreglass-reinforced hot pressed polyester.
- Colour: RAL 7035 Light Grey.

Technical characteristics:

- Degree of protection: IP66 / IP55.
- Resistance to impact: IK10 / IK08.

Watertight boxes for the industrial sector

Watertight boxes

Designed for industrial and outdoor use where enclosures with a high level of protection and safety are required. For the solar power sector, chemical industries, marine environments, swimming pools, warehouses, garages, etc.



STAR SERIES

IP65 Boxes for power sockets

See page 272

Technical characteristics:

- Degree of protection: IP65.
- Capacity of 4, 6, 9, 12, 18, 24, 36 modules and extension module.
- Possibility of plain boxes and boxes with knock-out covers, offering maximum versatility.
- Base and frame in ABS RAL 7035 Light Grey.
- Transparent window in tinted PC.
- Halogen-free plastic materials, with UV protection.



ECOLOGY SERIES

IP65 Distribution boxes

See page 286

Technical characteristics:

- Degree of protection: IP65.
- Capacity from 4 to 72 modules.
- ABS and polycarbonate versions, RAL 7035 Light Grey.
- Transparent window in tinted PC.
- Halogen-free plastic materials, with UV protection.

ECO-STAR SYSTEM

Combined with each other, they offer the installer the most versatile internationally-certified solution to combine distribution boxes (ECOLOGY) and units for power sockets (STAR).



IP 67 IP 65 CE

Boxes to be installed where a high degree of safety and protection is required



PRYMA SERIES

IP67 Boxes for industrial sockets

See page 266

CE

Watertight boxes for industrial sockets. Boxes intended to the industrial sector with a maximum degree of protection, IP67.

Technical characteristics:

- Degree of protection: IP67 (both in the box and in the power sockets).
- Capacity of 9, 13 and 26 modules.
- Base and frame in ABS, RAL 7035 Light Grey.
- Transparent window in tinted PC.
- Halogen-free plastic materials, with UV protection.



LIGHT SERIES

IP65-IP67 Junction boxes

See page 298

CE

Boxes intended for electrical junctions or for watertight trunking boxes, in industrial environments.

Technical characteristics:

- Surface watertight boxes available in three different versions:
  - · With conical cable glands (IP65).
  - · With knock-out sides (IP65-IP67).
  - · With plain sides (IP65-IP67).
- Special assemblies with power sockets can be supplied.
- Base and cover in PS and cable glands in PVC, RAL 7035 Light Grey.
- Opaque or transparent cover.
- Halogen-free plastic materials.
- This series is completed with the motor-protection with high cover.

IDE Worldwide



IDE is present in more than 90 countries, exporting more than half of its turnover

IDE is present in more than 90 countries, exporting more than half of its turnover.

The presence in international fairs allows it to establish and consolidate the commercial ties necessary to continue with its expansion policy.



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Industrial cabinets and enclosures

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ARGENTA





IP66 Steel wall-mounting cabinets

The ARGENTA Series is a group of steel enclosures used to house electrical or electronic switchgear, control gear and equipment necessary to supply, distribute and transform electricity in industrial installations.

This series comprises an extensive range of standard models made with premium-quality materials in cold-rolled steel plate or stainless steel. Both of these materials are available in ATEX version and are intended for installation in potentially explosive atmospheres (see the specific section on page 72).

The design and manufacture of this product line is flexible and can be customized for settings that require specific dimensions depending on user requirements and installations.

The full range is accompanied by a set of complementary accessories: mounting plates, inner doors, canopies, eyebolts, ventilation systems, chassis, etc.



ARGENTA Technical characteristics
(Rolled steel)

- **Degree of protection:**
  Single-door cabinets: IP66 / NEMA 1, 12, 4.
  Double-door cabinets: IP55 / NEMA 1, 12.
- **Resistance to impact:**
  Opaque door: IK10.
  Transparent door: IK09.
- **Ambient temperature range:** -25 ºC / +60 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC

(see references on page 22).

ARGENTA Technical characteristics
(Galvanised steel)

- **Degree of protection:**
  Single-door cabinets: IP66 / NEMA 1, 12, 4.
  Double-door cabinets: IP55 / NEMA 1, 12.
- **Resistance to impact:**
  Opaque door: IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC

(see references on page 26).

ARGENTA INOX Technical characteristics
(Stainless steel)

- **Degree of protection:**
  Single-door cabinets: IP66 / NEMA 1, 4, 4x, 12.
  Double-door cabinets: IP55 / NEMA 1, 12.
- **Resistance to impact:**
  Opaque door: IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC

(see references on page 32 and 34).

ARGENTA Certifications
(Rolled steel)

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1 (as applicable).
UL508A and Gost-R certificates.
Bureau Veritas according to UNE-EN 62208 standards.
Certificate for boats.
VDE Certificate available for single-door cabinets.

ARGENTA Certifications
(Galvanised steel)

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1 (as applicable).
VDE Certificate available for single-door cabinets.

ARGENTA INOX Certifications
(Stainless steel)

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1 (as applicable).
UL508A Certificate.
VDE Certificate available for single-door cabinets.

ARGENTA

IP66 Steel wall-mounting cabinets



Product series
(Rolled and galvanised steel)

Standard

- Opaque door cabinets with mounting plate.
- Transparent single-door cabinets with mounting plate in rolled steel (add GNT to the reference).

To order

- Opaque door cabinets without mounting plate in rolled steel (add /SP to the standard reference).
- Special cabinets, dimensions, cut-outs, colours, etc.

Supply

- Supplied in individual packaging containing cabinet, plate and accessory bag.

Plain mounting plate

- For cabinets with a height of less than 700 mm are supplied unassembled in the packaging.
- For cabinets with a height of up to 800 mm and above they are supplied assembled.

Accessory bag:

- 4 watertight caps (if the wall-mounting cut-out holes are not used).
- Nut and washer kit for securing the earth wire.
- Plate height adjusters, nuts, washers and drainage caps.
- 5 mm double-bit key.
- Cable entry lid and fixing screws.

Intended for industrial facilities, wherever a high degree of protection and safety is required

Material

- Cold-rolled steel EN 10130+A1.
- Galvanised steel.
- Injected polyurethane sealing gasket.

Finish

- Coated with primer and hardened RAL 7035 Light Grey embossed polyester paint, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Primer painting:** Application of a first layer of antioxidant protection primer paint.
- **First firing:** Furnace polymerisation adherence at 170 °C for 10 min.
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.

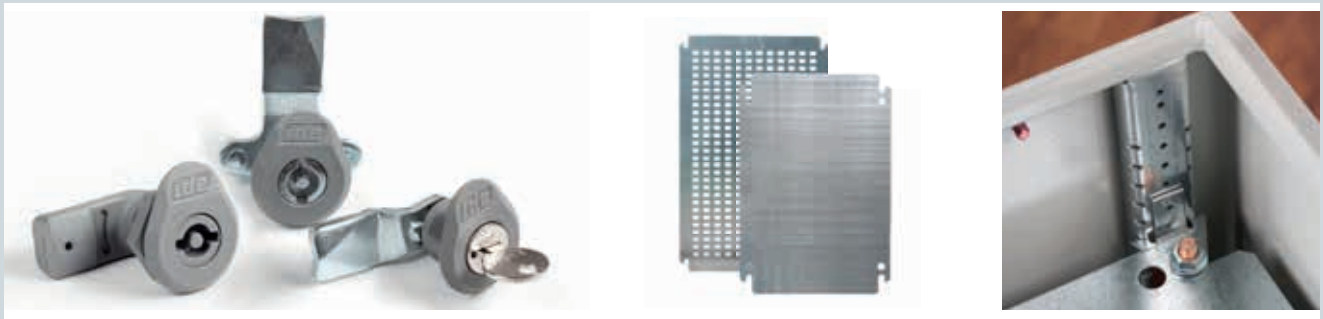


Enclosure

- Manufactured in cold-rolled steel from a single cross-shaped part.
- Totally reversible cabinet.
- Sheet thickness:
  1.2 mm for cabinets from 250x200 to 600x500.
  1.5 mm for cabinets from 600x600 to 1400x1000 mm.
- Wall-mounting by means of four Ø9 mm cut-out holes.
- Wall-mounting support leaving a gap of 11 mm (supplied as an accessory).
- Four M8x25 bolts at the back of the cabinet for securing plates, adjustment elements or chassis.
- M6x10 earth bolt located on the cabinet wall for joining enclosure and door by means of earth wire.
- 2-mm thick cable entry lid with sealing gasket to guarantee IP protection.
- Double fold to prevent water from entering the cabinet.
- Drainage hole at the base of the cabinet to prevent condensation on the inside.

Door

- Possibility of opaque or transparent door with 110° reversible opening.
- Possibility of double door from 1000-mm width.
- Concealed and removal hinges with quick-assembly and disassembly pins.
- Sheet thickness on opaque doors:
  1.2 mm for cabinets from 250x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 800x1000 mm.
  2 mm for cabinets from 800x1200 to 1400x1000 mm.
- Transparent glass door:
  4-mm thick tempered glass in cabinets from 300x400 to 1200x1200 mm.
  3-mm thick Polycarbonate in cabinets from 250x200 to 300x300 mm.
- Injected polyurethane sealing gasket to guarantee IP protection.
- Welded reinforcement profiles with cut-out holes with a separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a height of 600 mm and greater.



Locking

- Standard 5-mm double-bit lock plus key.
- Three-point rod lock for cabinets with a height of 1000 mm or greater.
- Other types of locks supplied as accessories.

Mounting plate

- Flat mounting plate included in all cabinet references.
- Made from galvanised sheet steel with a thickness of 2 mm.
- For cabinets with a height ≥ 800 mm or a width ≥ 600 mm, the panels have folds on the sides to provide greater rigidity.

ARGENTA

IP66 Steel wall-mounting cabinets



Opaque door cabinets



Opaque double door cabinets



Transparent door cabinet

IP66 Wall-mounting cabinets. Rolled steel. Opaque door

Reference No.	Dim. Cabinet			Cable entry	Dim. plate		Sheet thickness		Door type	No. locks	Reinf. prof.	Door with transparent panel		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	DXE	F	G	ENCL.	DOOR						kg	20	25	30	35	40
GN252015	250	200	150	65x120	220	150	1.2	1.2	Single	1	1	126	70	3.7	19.75	24.68	29.62	34.55	39.49
GN252515	250	250	150	65x120	220	200	1.2	1.2	Single	1	1	146	98	4.3	22.83	28.53	34.24	39.94	45.65
GN302015	300	200	150	65x120	270	150	1.2	1.2	Single	1	1	176	70	4.2	22.77	28.46	34.16	39.85	45.54
GN302515	300	250	150	65x120	270	200	1.2	1.2	Single	1	1	196	98	5.0	26.24	32.79	39.35	45.91	52.47
GN302520	300	250	200	65x120	270	200	1.2	1.2	Single	1	1	196	98	5.6	31.13	38.91	46.70	54.48	62.26
GN303015	300	300	150	65x185	270	250	1.2	1.2	Single	1	2	196	148	5.8	29.70	37.13	44.55	51.98	59.40
GN303020	300	300	200	125x215	270	250	1.2	1.2	Single	1	2	196	148	6.7	34.98	43.73	52.47	61.22	69.96
GN304015	300	400	150	65x285	270	350	1.2	1.2	Single	1	2	196	248	7.3	36.63	45.79	54.95	64.10	73.26
GN304020	300	400	200	125x285	270	350	1.2	1.2	Single	1	2	196	248	8.2	42.68	53.35	64.02	74.69	85.36
GN403015	400	300	150	65x185	370	250	1.2	1.2	Single	1	2	296	148	7.2	37.29	46.61	55.94	65.26	74.58
GN403020	400	300	200	125x215	370	250	1.2	1.2	Single	1	2	296	148	8.1	43.56	54.45	65.34	76.23	87.12
GN404015	400	400	150	65x285	370	350	1.2	1.2	Single	1	2	296	248	9.1	45.76	57.20	68.64	80.08	91.52
GN404020	400	400	200	125x285	370	350	1.2	1.2	Single	1	2	296	248	10.1	52.80	66.00	79.20	92.40	105.60
GN404025	400	400	250	125x285	370	350	1.2	1.2	Single	1	2	296	248	11.1	59.84	74.80	89.76	104.72	119.68
GN406020	400	600	200	125x485	370	550	1.2	1.2	Single	1	2	297	449	14.9	71.28	89.10	106.92	124.74	142.56
GN406025	400	600	250	125x485	370	550	1.2	1.2	Single	1	2	297	449	15.9	79.86	99.83	119.79	139.76	159.72
GN406030	400	600	300	125x485	370	550	1.2	1.2	Single	1	2	297	449	16.9	88.44	110.55	132.66	154.77	176.88
GN503015	500	300	150	65x185	470	250	1.2	1.2	Single	2	2	396	148	8.8	44.88	56.10	67.32	78.54	89.76
GN503020	500	300	200	125x215	470	250	1.2	1.2	Single	2	2	396	148	9.7	52.14	65.18	78.21	91.25	104.28
GN503025	500	300	250	125x215	470	250	1.2	1.2	Single	2	2	396	148	10.7	59.40	74.25	89.10	103.95	118.80
GN504015	500	400	150	65x285	470	350	1.2	1.2	Single	2	2	396	248	11.0	54.89	68.61	82.34	96.06	109.78
GN504020	500	400	200	125x285	470	350	1.2	1.2	Single	2	2	396	248	12.1	62.92	78.65	94.38	110.11	125.84
GN504025	500	400	250	125x285	470	350	1.2	1.2	Single	2	2	396	248	13.0	70.95	88.69	106.43	124.16	141.90
GN504030	500	400	300	125x285	470	350	1.2	1.2	Single	2	2	396	248	14.1	78.98	98.73	118.47	138.22	157.96
GN505015	500	500	150	65x285	470	450	1.2	1.2	Single	2	2	396	348	13.2	64.90	81.13	97.35	113.58	129.80
GN505020	500	500	200	125x385	470	450	1.2	1.2	Single	2	2	396	348	14.5	73.70	92.13	110.55	128.98	147.40
GN505025	500	500	250	125x385	470	450	1.2	1.2	Single	2	2	396	348	15.6	82.50	103.13	123.75	144.38	165.00
GN505030	500	500	300	125x385	470	450	1.2	1.2	Single	2	2	396	348	16.6	91.30	114.13	136.95	159.78	182.60
GN507020	500	700	200	125x485	470	650	1.5	1.5	Single	2	2	396	549	21.9	97.02	121.28	145.53	169.79	194.04
GN508025	500	800	250	125x685	470	750	1.5	1.5	Single	2	2	396	649	26.7	117.20	146.40	175.70	205.00	234.30
GN508030	500	800	300	125x685	470	750	1.5	1.5	Single	2	2	396	649	28.3	128.30	160.30	192.40	224.50	256.50
GN5010025/PD	500	1000	250	125x885	470	950	1.5	1.5	Double	3P	4	-	-	32.9	140.30	175.30	210.40	245.40	280.50
GN5010030/PD	500	1000	300	125x885	470	950	1.5	1.5	Double	3P	4	-	-	35.5	152.90	191.10	229.40	267.60	305.80
GN604015	600	400	150	65x285	570	350	1.2	1.2	Single	2	2	496	248	12.8	64.02	80.03	96.03	112.04	128.04
GN604020	600	400	200	125x285	570	350	1.2	1.2	Single	2	2	496	248	14.1	73.04	91.30	109.56	127.82	146.08

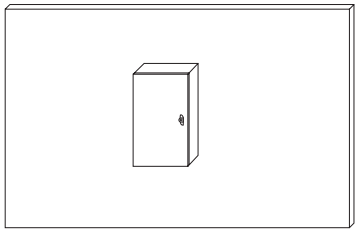
IP66 Wall-mounting cabinets. Rolled steel. Opaque door

Reference No.	Dim. Cabinet			Cable entry	Dim. plate		Sheet thickness		Door type	No. locks	Reinf. prof.	Door with transparent panel		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	DXE	F	G	ENCL.	DOOR						kg	20	25	30	35	40
GN604025	600	400	250	125x285	570	350	1.2	1.2	Single	2	2	496	248	15.1	82.06	102.58	123.09	143.61	164.12
GN604030	600	400	300	125x285	570	350	1.2	1.2	Single	2	2	496	248	16.1	91.08	113.85	136.62	159.39	182.16
GN605015	600	500	150	65x285	570	450	1.2	1.5	Single	2	2	497	349	16.1	75.57	94.46	113.36	132.25	151.14
GN605020	600	500	200	125x385	570	450	1.2	1.5	Single	2	2	497	349	17.6	85.36	106.70	128.04	149.38	170.72
GN605025	600	500	250	125x385	570	450	1.2	1.5	Single	2	2	497	349	18.7	95.15	118.94	142.73	166.51	190.30
GN605030	600	500	300	125x385	570	450	1.2	1.5	Single	2	2	497	349	19.9	104.94	131.18	157.41	183.65	209.88
GN606020	600	600	200	125x485	570	550	1.5	1.5	Single	2	2	497	449	22.4	97.68	122.10	146.52	170.94	195.36
GN606025	600	600	250	125x485	570	550	1.5	1.5	Single	2	2	497	449	23.9	108.24	135.30	162.36	189.42	216.48
GN606030	600	600	300	125x485	570	550	1.5	1.5	Single	2	2	497	449	25.4	118.80	148.50	178.20	207.90	237.60
GN606040	600	600	400	125x485	570	550	1.5	1.5	Single	2	2	497	449	28.8	139.92	174.90	209.88	244.86	279.84
GN608025	600	800	250	125x685	570	750	1.5	1.5	Single	2	2	497	649	30.9	134.40	168.00	201.60	235.20	268.80
GN608030	600	800	300	125x685	570	750	1.5	1.5	Single	2	2	497	649	32.7	146.52	183.15	219.78	256.41	293.04
GN6012025/PD	600	1200	250	2x(125x485)	570	1150	1.5	1.5	Double	3P	4	-	-	44.7	186.80	233.50	280.20	326.90	373.60
GN6012030/PD	600	1200	300	2x(125x485)	570	1150	1.5	1.5	Double	3P	4	-	-	47.6	202.00	252.50	302.90	353.40	403.90
GN705015	700	500	150	65x285	670	450	1.5	1.5	Single	2	2	597	349	20.0	86.24	107.80	129.36	150.92	172.48
GN705020	700	500	200	125x385	670	450	1.5	1.5	Single	2	2	597	349	21.8	97.02	121.28	145.53	169.79	194.04
GN705025	700	500	250	125x385	670	450	1.5	1.5	Single	2	2	597	349	23.3	107.80	134.75	161.70	188.65	215.60
GN705030	700	500	300	125x385	670	450	1.5	1.5	Single	2	2	597	349	25.0	118.60	148.20	177.90	207.50	237.20
GN804020	800	400	200	125x285	770	350	1.5	1.5	Single	2	2	697	249	20.9	93.28	116.60	139.92	163.24	186.56
GN804025	800	400	250	125x285	770	350	1.5	1.5	Single	2	2	697	249	22.5	104.28	130.35	156.42	182.49	208.56
GN804030	800	400	300	125x285	770	350	1.5	1.5	Single	2	2	697	249	23.8	115.28	144.10	172.92	201.74	230.56
GN806020	800	600	200	125x485	770	550	1.5	1.5	Single	2	2	697	449	28.9	124.08	155.10	186.12	217.14	248.16
GN806025	800	600	250	125x485	770	550	1.5	1.5	Single	2	2	697	449	30.8	136.62	170.78	204.93	239.09	273.24
GN806030	800	600	300	125x485	770	550	1.5	1.5	Single	2	2	697	449	32.5	149.16	186.45	223.74	261.03	298.32
GN806040	800	600	400	125x485	770	550	1.5	1.5	Single	2	2	697	449	36.1	174.24	217.80	261.36	304.92	348.48
GN808020	800	800	200	125x685	770	750	1.5	1.5	Single	2	2	697	649	37.0	154.88	193.60	232.32	271.04	309.76
GN808025	800	800	250	125x685	770	750	1.5	1.5	Single	2	2	697	649	39.0	168.96	211.20	253.44	295.68	337.92
GN808030	800	800	300	125x685	770	750	1.5	1.5	Single	2	2	697	649	41.1	183.04	228.80	274.56	320.32	366.08
GN808040	800	800	400	125x685	770	750	1.5	1.5	Single	2	2	697	649	45.1	211.20	264.00	316.80	369.60	422.40
GN8010020/PD	800	1000	200	125x885	770	950	1.5	1.5	Double	3P	4	-	-	46.3	185.68	232.10	278.52	324.94	371.36
GN8010030	800	1000	300	125x885	770	950	1.5	1.5	Single	2	4	697	849	50.1	216.92	271.15	325.38	379.61	433.84
GN8010030/PD	800	1000	300	125x885	770	950	1.5	1.5	Double	3P	4	-	-	51.1	216.92	271.15	325.38	379.61	433.84
GN8010040/PD	800	1000	400	125x885	770	950	1.5	1.5	Double	3P	4	-	-	55.8	248.16	310.20	372.24	434.28	496.32
GN8012030/PD	800	1200	300	2x(125x485)	770	1150	1.5	1.5	Double	3P	4	-	-	59.6	250.80	313.50	376.20	438.90	501.60
GN8012040/PD	800	1200	400	2x(125x485)	770	1150	1.5	1.5	Double	3P	4	-	-	64.9	285.12	356.40	427.68	498.96	570.24
GN1006025	800	600	250	125x485	970	550	1.5	2	Single	3P	2	897	419	40.1	193.38	241.73	290.07	338.42	386.76
GN1006030	1000	600	300	125x485	970	550	1.5	2	Single	3P	2	897	419	42.2	203.5	254.4	305.3	356.1	407.0
GN1006040	1000	600	400	125x485	970	550	1.5	2	Single	3P	2	897	419	46.2	242.88	303.60	364.32	425.04	485.76
GN1008025	1000	800	250	125x685	970	750	1.5	2	Single	3P	2	897	619	50.8	203.5	254.4	305.3	356.1	407.0
GN1008030	1000	800	300	125x685	970	750	1.5	2	Single	3P	2	897	619	53.1	256.08	320.10	384.12	448.14	512.16
GN1008040	1000	800	400	125x685	970	750	1.5	2	Single	3P	2	897	619	57.8	292.16	365.20	438.24	511.28	584.32
GN10010030	1000	1000	300	125x885	970	950	1.5	1.5	Single	3P	4	897	819	60.6	259.60	324.50	389.40	454.30	519.20
GN10010030/PD	1000	1000	300	125x885	970	950	1.5	2	Double	3P	4	-	-	65.7	259.60	324.50	389.40	454.30	519.20
GN10010040/PD	1000	1000	400	125x885	970	950	1.5	2	Double	3P	4	-	-	70.9	294.80	368.50	442.20	515.90	589.60
GN10012030/PD	1000	1200	300	2x(125x485)	970	1150	1.5	2	Double	3P	4	-	-	76.7	299.64	374.55	449.46	524.37	599.28
GN10012040/PD	1000	1200	400	2x(125x485)	970	1150	1.5	2	Double	3P	4	-	-	82.4	337.92	422.40	506.88	591.36	675.84
GN1206025	1200	600	250	125x485	1170	550	1.5	2	Single	3P	2	1097	419	47.1	193.38	241.73	290.07	338.42	386.76
GN1206030	1200	600	300	125x485	1170	550	1.5	2	Single	3P	2	1097	419	49.4	209.88	262.35	314.82	367.29	419.76
GN1206040	1200	600	400	125x485	1170	550	1.5	2	Single	3P	2	1097	419	53.8	242.88	303.60	364.32	425.04	485.76
GN1208030	1200	800	300	125x685	1170	750	1.5	2	Single	3P	2	1097	619	62.1	256.08	320.10	384.12	448.14	512.16
GN1208040	1200	800	400	125x685	1170	750	1.5	2	Single	3P	2	1097	619	67.5	292.16	365.20	438.24	511.28	584.32
GN12010030	1200	1000	300	125x885	1170	950	1.5	1.5	Single	3P	4	1097	819	70.7	302.28	377.85	453.42	528.99	604.56

CONTINUED ON NEXT PAGE.

IP66 Wall-mounting cabinets. Rolled steel. Opaque door

Reference No.	Dim. Cabinet			Cable entry	Dim. plate		Sheet thickness	Door type	No. locks	Reinf. prof.	Door with transparent panel		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	DXE	F	G	ENCL.	DOOR					kg	20	25	30	35	40
GN12010030/PD	1200	1000	300	125x885	1170	950	1.5	2	Double	3P	4	-	-	76.8	302.28	377.85	453.42	528.99	604.56
GN12010040/PD	1200	1000	400	125x885	1170	950	1.5	2	Double	3P	4	-	-	82.6	341.44	426.80	512.16	597.52	682.88
GN12012025	1200	1200	250	2x(125x485)	1170	1150	1.5	1.5	Single	3P	4	1097	1019	79.6	327.36	409.20	491.04	572.88	654.72
GN12012025/PD	1200	1200	250	2x(125x485)	1170	1150	1.5	2	Double	3P	4	-	-	86.5	327.36	409.20	491.04	572.88	654.72
GN12012030/PD	1200	1200	300	2x(125x485)	1170	1150	1.5	2	Double	3P	4	-	-	89.3	348.48	435.60	522.72	609.84	696.96
GN12012040/PD	1200	1200	400	2x(125x485)	1170	1150	1.5	2	Double	3P	4	-	-	95.9	390.72	488.40	586.08	683.76	781.44
GN1406030	1400	600	300	125x485	1370	550	1.5	1.5	Single	3P	2	1297	419	53.0	240.20	300.30	360.40	420.40	480.50
GN1406040	1400	600	400	125x485	1370	550	1.5	1.5	Single	3P	2	1297	419	58.3	277.20	346.50	415.80	485.10	554.40
GN1408030	1400	800	300	125x685	1370	750	1.5	1.5	Single	3P	2	1297	619	66.4	292.60	365.80	438.90	512.10	585.20
GN1408040	1400	800	400	125x685	1370	750	1.5	1.5	Single	3P	2	1297	619	72.3	332.60	415.80	499.00	582.10	665.30
GN14010030/PD	1400	1000	300	125x885	1370	950	1.5	2	Double	3P	4	-	-	87.6	344.96	431.20	517.44	603.68	689.92
GN14010040	1400	1000	400	125x885	1370	950	1.5	1.5	Single	3P	4	1297	819	93.1	388.10	485.10	582.10	679.00	776.20
GN14010040/PD	1400	1000	400	125x885	1370	950	1.5	2	Double	3P	4	-	-	100.5	388.08	485.10	582.12	679.14	776.16
GN14012040/PD	1400	1200	400	2x(125x485)	370	1150	1.5	2	Double	3P	4	-	-	115.2	443.50	554.40	665.30	776.20	887.00



Single-door cabinets: IP66 / NEMA 1, 4, 12.
Double-door cabinets: IP55 / NEMA 1, 12.
Cold rolled steel primed and painted RAL 7035 Light Grey.
Injected polyurethane sealing gasket.
3P: one 3-point lock.
/PD: Double-door cabinets.

Cabinets supplied with mounting plate. For references without mounting plate, add /SP; e.g.: GN6012030PD/SP.
Pack of 4 plate height adjusters supplied in all references, even in those without plate /SP.

For references with transparent door, add GNT; e.g.: GNT403015.
Transparent doors from 250x200 to 300x300 mm: 3-mm thick Polycarbonate.
Transparent doors from 300x400 to 1400x1000 mm: 4-mm thick tempered glass.

VDE certificate only available for single-door cabinets.
For special cabinets and cabinets without plate, check availability of UL certificate.

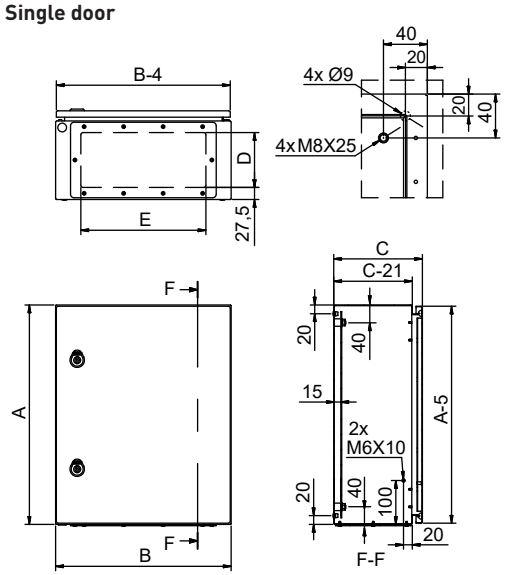
SEE ACCESSORIES ON PAGE 36.

Maximum acceptable loads

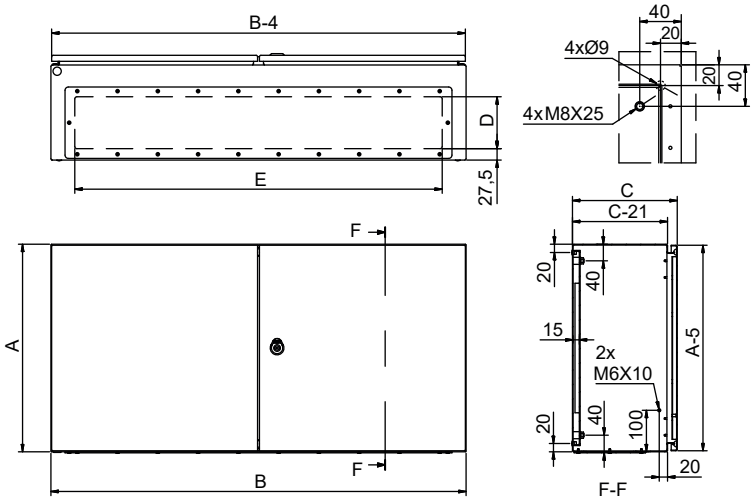
	Total load	Door	Plate
Cabinets from 250x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 300x400x150 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x150 to 600x400x300	225 kg	25 kg	200 kg
Cabinets from 600x500x150 to 700x500x300	275 kg	25 kg	250 kg
Cabinets from 800x400x200 to 800x800x400	325 kg	25 kg	300 kg
Cabinets from 800x1000x300 to 1400x1200x400	390 kg	40 kg	350 kg

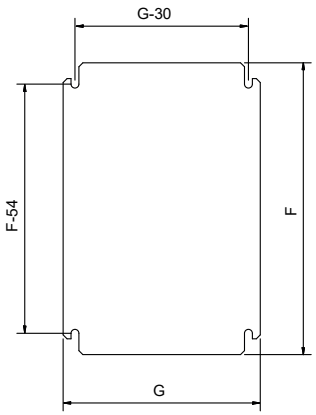
Dimensions: Argenta rolled steel

Single door



Double door





IP66 Wall-mounting cabinets. Galvanised steel. Opaque door

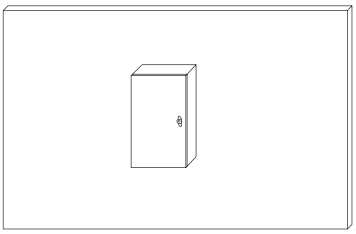
Reference No.	Dim. Cabinet			Cable entry	Dim. plate		Sheet thickness		Door type	No. locks	Reinf. prof.	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	DXE	F	G	CPO.	PTA.				kg	20	25	30	35	40
GNG252015	250	200	150	65x120	220	150	1.2	1.2	Single	1	1	3.7	19.75	24.68	29.62	34.55	39.49
GNG302015	300	200	150	65x120	270	150	1.2	1.2	Single	1	1	4.2	22.77	28.46	34.16	39.85	45.54
GNG302515	300	250	150	65x120	270	200	1.2	1.2	Single	1	1	5.0	26.24	32.79	39.35	45.91	52.47
GNG303015	300	300	150	65x185	270	250	1.2	1.2	Single	1	2	5.8	29.70	37.13	44.55	51.98	59.40
GNG303020	300	300	200	125x215	270	250	1.2	1.2	Single	1	2	6.7	34.98	43.73	52.47	61.22	69.96
GNG403015	400	300	150	65x185	370	250	1.2	1.2	Single	1	2	7.3	37.29	46.61	55.94	65.26	74.58
GNG403020	400	300	200	125x125	370	250	1.2	1.2	Single	1	2	8.2	43.56	54.45	65.34	76.23	87.12
GNG404020	400	400	200	125x285	370	350	1.2	1.2	Single	1	2	10.2	52.80	66.00	79.20	92.40	105.60
GNG406020	400	600	200	125x485	370	55	1.2	1.2	Single	1	2	14.9	71.28	89.10	106.92	124.74	142.56
GNG504015	500	400	150	65x285	470	350	1.2	1.2	Single	2	2	11.0	54.89	68.61	82.34	96.06	109.78
GNG504020	500	400	200	125x285	470	350	1.2	1.2	Single	2	2	12.1	62.92	78.65	94.38	110.11	125.84
GNG504025	500	400	250	125x285	470	350	1.2	1.2	Single	2	2	13.1	70.95	88.69	106.43	124.16	141.90
GNG604020	600	400	200	125x285	570	350	1.2	1.2	Single	2	2	14.1	73.04	91.30	109.56	127.82	146.08
GNG604025	600	400	250	125x285	570	350	1.2	1.2	Single	2	2	15.1	82.06	102.58	123.09	143.61	164.12
GNG605020	600	500	200	125x385	570	450	1.2	1.5	Single	2	2	17.6	85.36	106.70	128.04	149.38	170.72
GNG606025	600	600	250	125x485	570	55	1.5	1.5	Single	2	2	24.0	108.24	135.30	162.36	189.42	216.48
GNG705020	700	500	200	125x385	670	450	1.5	1.5	Single	2	2	21.8	97.02	121.28	145.53	169.79	194.04
GNG705025	700	500	250	125x385	670	450	1.5	1.5	Single	2	2	23.4	107.80	134.75	161.70	188.65	215.60
GNG806020	800	600	200	125x485	770	550	1.5	1.5	Single	2	2	29.0	124.08	155.10	186.12	217.14	248.16
GNG806025	800	600	250	125x485	770	550	1.5	1.5	Single	2	2	30.8	136.62	170.78	204.93	239.09	273.24
GNG806030	800	600	300	125x485	770	550	1.5	1.5	Single	2	2	32.6	149.16	186.45	223.74	261.03	298.32
GNG808030	800	800	300	125x685	770	750	1.5	1.5	Single	2	2	41.1	183.04	228.80	274.56	320.32	366.08
GNG1008030	1000	800	300	125x685	970	750	1.5	2	Single	3P	2	53.2	256.08	320.10	384.12	448.14	512.16
GNG10010030/PD	1000	1000	300	125x885	970	950	1.5	2	Double	3P	4	65.8	259.60	324.50	389.40	454.30	519.20
GNG12010030/PD	1200	1000	300	125x885	1170	950	1.5	2	Double	3P	4	77.0	302.28	377.85	453.42	528.99	604.56

Single-door cabinets: IP66 / NEMA 1, 4, 12.
Galvanised steel primed and painted RAL 7035 Light Grey.
Injected polyurethane sealing gasket.

Cabinets supplied with mounting plate.
Pack of 4 plate height adjusters supplied in all references.

VDE certificate.

SEE ACCESSORIES ON PAGE 36.



IP 66 IP 55



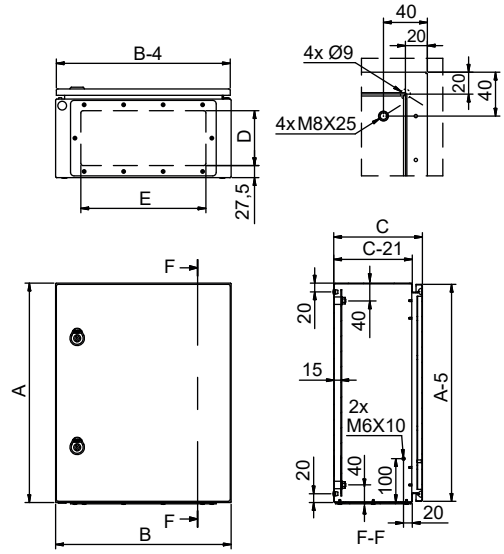
Opaque single door cabinets

Maximum acceptable loads

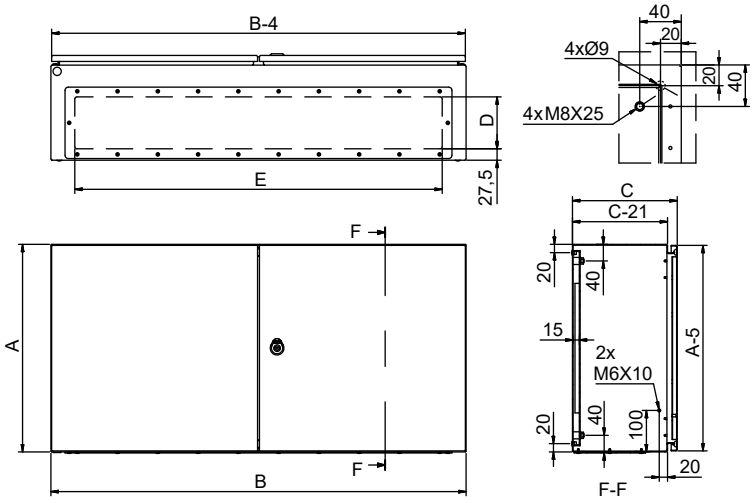
	Total load	Door	Plate
Cabinets from 250x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 300x400x150 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x150 to 600x400x300	225 kg	25 kg	200 kg
Cabinets from 600x500x150 to 700x500x300	275 kg	25 kg	250 kg
Cabinets from 800x400x200 to 800x800x400	325 kg	25 kg	300 kg
Cabinets from 800x1000x300 to 1400x1200x400	390 kg	40 kg	350 kg

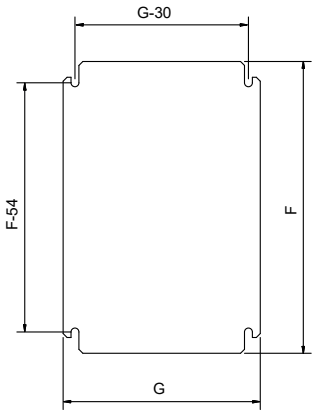
Dimensions: Argenta galvanised steel

Single door



Double door





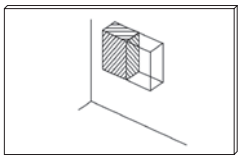
ARGENTA

IP66 Steel wall-mounting cabinets

IP66 Wall-mounting cabinets. Rolled steel. Combinable opaque door

Reference	Dim. cabinet			Dim. plate		Sheet thickness		No. locks	No. hinges	Reinf. profiles	Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	B	WIDTH	D	E	ENCL.	DOOR				kg	20	25	30	35	40
GNL605040	600	510	400	570	450	1.5	1.5	3P	2	2	21.2	114.0	142.5	170.9	199.4	227.9
GNL606040	600	610	400	570	550	1.5	1.5	3P	2	2	24.8	129.4	161.7	194.0	226.4	258.7
GNL608040	600	810	400	570	750	1.5	1.5	3P	2	2	32.0	160.2	200.2	240.2	280.3	320.3
GNL6010040	600	1010	400	570	950	1.5	1.5	3P	4	4	40.2	191.0	238.7	286.4	334.2	381.9
GNL6012040	600	1210	400	570	1150	1.5	1.5	3P	4	4	47.3	221.8	277.2	332.6	388.1	443.5

Cold rolled steel primed and painted RAL 7035 Light Grey. Injected polyurethane sealing gasket.
It is not compatible with the assembly of a chassis or inner door.
Cabinets supplied with mounting plate. Pack of 4 plate height adjusters supplied.



Side panel



Reference	Description	Minimum Sales Unit
PLA6040	Side panel 600x400	2-piece pack

MATERIALS: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: For wall-mounting combinable cabinets.
FOR THE FOLLOWING CABINETS: GNL.

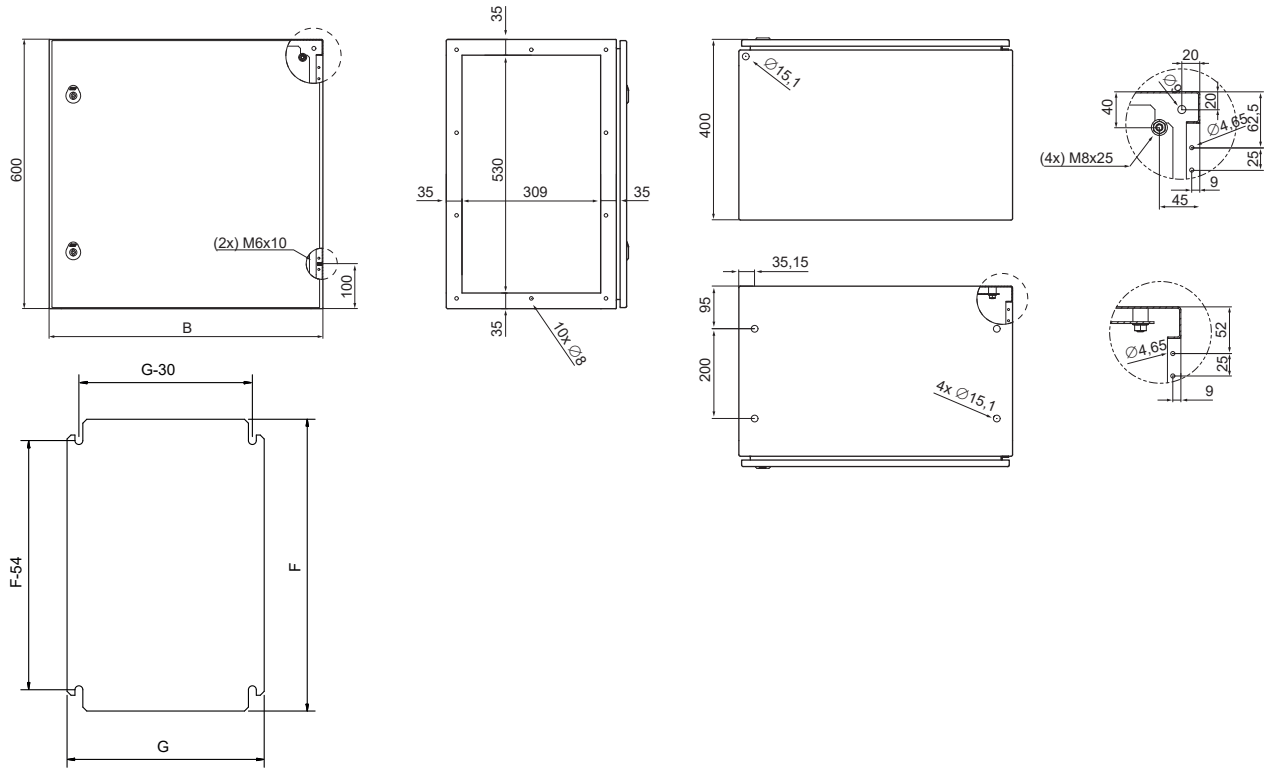
Insulation joint



Reference	Description	Minimum Sales Unit
48480	Insulation joint	6-m pack

MATERIAL: Polyethylene foam.
CHARACTERISTICS: IP55 protection guaranteed.

Dimensions: Argenta combinable







Enclosure

- Made of cold rolled steel, primed and painted RAL 7035 Light Grey.
- Sheet thickness: 1.5 mm.
- Supplied without side panels.
- Four dies in the upper part to install eyebolts. It is necessary to order reference number 48475 as an accessory.
- No cable entry.

Door

- Sheet thickness: 1.5 mm.
- Injected polyurethane sealing gasket.
- Welded reinforcement profiles with cut-out holes with a separation of 25 mm for fitting accessories.







Side panels

- Side panels: Supplied as an accessory, reference PLA6040, including two panels.
- Made of cold rolled steel primed and painted RAL 7035 Light Grey.
- Injected polyurethane sealing gasket.
- M6 countersunk screws for attachment.

Union of cabinets

- The cabinets are joined using 10 M6 screws and nuts, included.
- To achieve an IP54 degree of protection it is necessary to join the cabinets using the sealing gasket reference No. 48480 (see page 28).

Mounting plate

- Flat mounting plate included in all cabinet references.
- Made from galvanised sheet steel with a thickness of 2 mm.

Locking

- Standard 5-mm double-bit lock plus key.
- Other types of locks supplied as accessories.

ARGENTA INOX

IP66 Steel wall-mounting cabinets



Product series (Stainless steel)

Standard

- AISI 304L and 316L opaque-door cabinets (with mounting plate).
- AISI 304L and AISI 316L cabinets with transparent door (with mounting plate).

To order

- Cabinets without mounting plate (add /SP to the reference).
- Special cabinets: dimensions, cut-outs, machined...

Supply

Supplied in individual packaging containing cabinet, plate and accessory bag.

The cabinets are supplied with protective film or, failing that, bagged.

Plain mounting plate

- For cabinets with a height of less than 700 mm are supplied unassembled in the packaging.
- For cabinets with a height from 800 mm and above they are supplied assembled.

Accessory bag:

- 4 watertight caps (if the wall-mounting cut-out holes are not used).
- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- 5 mm double-bit key.

Intended for outdoor and industrial facilities with extremely aggressive agents or saline environments

Recommended applications

- **AISI 304L:** Industrial environments and outdoor facilities with aggressive agents or saline environments; food, chemical and petrochemical industries, where a high degree of hygiene is required.
- **AISI 316L:** All previous applications and, in addition, sea ports and areas with a high salt or chlorine concentration.

Material

- AISI 304L - AISI 316L stainless steel.
- Injected polyurethane sealing gasket.

Finish

- Scotch 320 satin finish.



Enclosure

- Manufactured in 304L or 316L stainless steel from a single cross-shaped part.
- Sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1200x1000 mm.
- Wall-mounting by means of four Ø9 mm cut-out holes. Wall-mounting support leaving a gap of 11 mm (supplied as an accessory).
- Four M8x25 bolts at the back of the cabinet for securing plates, adjustment elements or chassis.
- M6x15 earth bolt located on the cabinet wall for joining enclosure and door by means of earth wire.
- Double fold to prevent water from entering the cabinet.

Door

- Opaque door with 110° opening.
- Double door for cabinets with a width of 1000 mm and greater.
- Hinges welded to the enclosure.
- Opaque door sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 1200x1000 mm.
  2 mm for cabinets of 1000x800 mm.
- Transparent door available on request. Doors made of 4-mm thick tempered glass, for cabinets from 400x300 to 1000x800 mm
- Injected polyurethane sealing gasket to guarantee IP protection.
- Screwed reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a height of 600 mm and greater.



Locking

- Standard zamak lock, 5-mm double-bit lock plus key.
- A three-point rod zamak lock is supplied for cabinets with height of 1000 mm.

Mounting plate

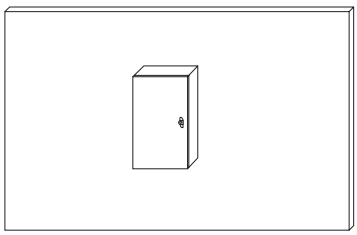
- Flat mounting plate included in all cabinet references.
- Made from galvanised sheet steel with a thickness of 2 mm.
- For cabinets with a height ≥ 800 mm or a width ≥ 600 mm, the panels have folds on the sides to provide greater rigidity.

ARGENTA INOX

IP66 Steel wall-mounting cabinets

IP66 Wall-mounting cabinets. AISI 304L stainless steel. Opaque door

Reference No.	Cabinet dimensions			Dim. plate		Sheet thickness		No. locks	Reinf. profiles	Door with transp. panel	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E	ENCL.	DOOR				kg	20	25	30	35	40
INX252015	250	200	150	170	150	1.2	1.2	1	-	-	4.9	19.7	24.7	29.6	34.5	39.5
INX302015	300	200	150	270	150	1.2	1.2	1	-	-	3.9	22.8	28.5	34.2	39.8	45.5
INX302515	300	250	150	270	200	1.2	1.2	1	-	-	4.7	26.2	32.8	39.4	45.9	52.5
INX303015	300	300	150	270	250	1.2	1.2	1	-	-	5.2	29.7	37.1	44.6	52.0	59.4
INX303020	300	300	200	270	250	1.2	1.2	1	–	-	5.9	35.0	43.7	52.5	61.2	70.0
INX304015	300	400	150	270	350	1.2	1.2	1	–	-	6.6	36.6	45.8	55.0	64.1	73.3
INX403020	400	300	200	370	250	1.2	1.2	1	-	296x148	7.3	43.6	54.5	65.3	76.2	87.1
INX404020	400	400	200	370	350	1.2	1.2	1	2	296x248	9.5	52.8	66.0	79.2	92.4	105.6
INX406020	400	600	200	370	550	1.2	1.5	1	2	297x449	13.5	71.3	89.1	106.9	124.7	142.6
INX504015	500	400	150	470	350	1.2	1.2	2	2	-	10.5	55.0	68.7	82.3	96.0	109.8
INX504020	500	400	200	470	350	1.2	1.2	2	2	396x248	11.6	62.9	78.7	94.4	110.1	125.8
INX504025	500	400	250	470	350	1.2	1.2	2	2	396x248	12.2	62.9	78.7	94.4	110.1	125.8
INX604020	600	400	200	570	350	1.2	1.2	2	2	496x248	13.4	73.0	91.3	109.6	127.8	146.1
INX604025	600	400	250	570	350	1.2	1.2	2	2	-	14.3	82.0	102.6	123.1	143.6	164.1
INX605020	600	500	200	570	450	1.2	1.5	2	2	-	16.5	85.4	106.7	128.0	149.4	170.2
INX605025	600	500	250	570	450	1.2	1.5	2	2	497x349	17.7	95.2	118.9	142.7	166.5	193.3
INX606025	600	600	250	570	550	1.5	1.5	2	2	497x449	22.7	108.2	135.3	162.4	189.4	216.5
INX705020	700	500	200	670	450	1.5	1.5	2	2	-	20.9	97.0	121.3	145.5	169.8	194.0
INX705025	700	500	250	670	450	1.5	1.5	2	2	597x349	22.3	107.8	134.8	161.7	188.7	215.6
INX806020	800	600	200	770	550	1.5	1.5	2	2	-	27.7	124.0	155.1	186.1	217.1	248.2
INX806025	800	600	250	770	550	1.5	1.5	2	2	-	28.2	136.6	170.8	204.9	239.1	273.2
INX806030	800	600	300	770	550	1.5	1.5	2	2	697x449	30.5	149.2	186.5	223.7	261.0	298.3
INX808030	800	800	300	770	750	1.5	1.5	2	2	697x649	39.1	183.0	228.8	274.6	320.3	366.1
INX1008030	1000	800	300	970	750	1.5	1.5	3P	2	897x619	47.6	219.6	274.5	329.3	384.2	439.1
INX10010030/PD	1000	1000	300	970	950	1.5	1.5	3P	4	-	59.0	259.6	324.5	389.4	454.3	519.2
INX12010030/PD	1200	1000	300	1170	950	1.5	1.5	3P	4	-	68.3	302.3	377.9	453.4	529.0	604.6



Single opaque or transparent door cabinets: IP66 / NEMA 1, 4, 4x, 12.
Double opaque-door cabinets: IP55 / NEMA 1, 12.
Scotch 320 satin finish stainless steel. Injected polyurethane sealing gasket.
3P: one 3-point lock.
/PD: Double-door cabinets.

Cabinets supplied with mounting plate.
For references without plate, add /SP; e.g.: INX403020/SP - INX10010030PD/SP (check availability).
Pack of 4 plate height adjusters supplied in all references, even in those without plate /SP.

For references with transparent door, add T; e.g.: INXT302515 (check availability).

VDE certificate only available for single-door cabinets.
For special cabinets, cabinets without plate and cabinets with transparent door, check availability of UL certificate.

SEE ACCESSORIES ON PAGE 36.

IP 66 IP 55



Single-door INOX cabinets



Transparent door INOX cabinet



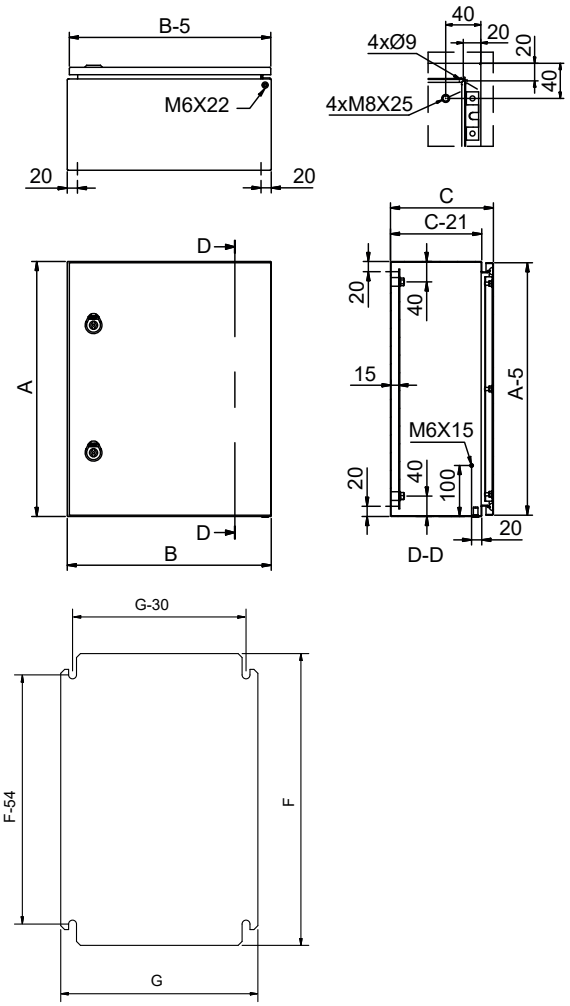
Double-door INOX cabinet

Maximum acceptable loads

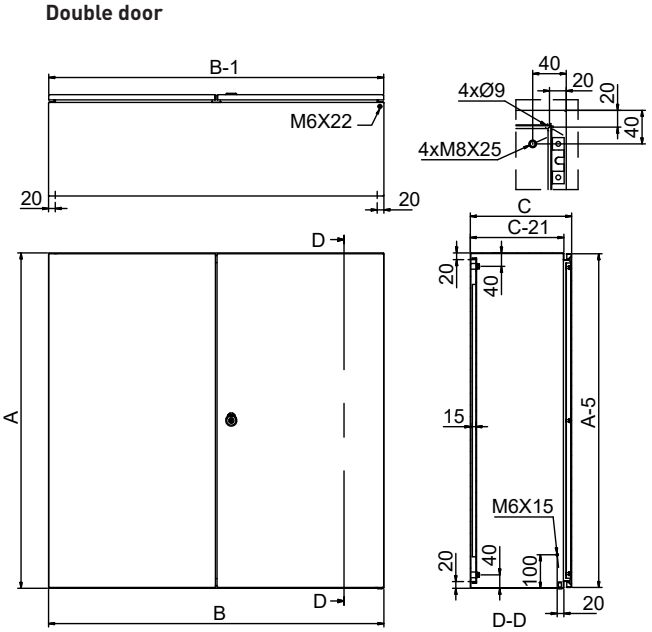
	Total load	Opaque door	Plate
Cabinets from 250x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 300x400x150 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x150 to 600x400x300	225 kg	25 kg	200 kg
Cabinets from 600x500x150 to 700x500x250	275 kg	25 kg	250 kg
Cabinets from 800x400x200 to 800x800x300	325 kg	25 kg	300 kg
Cabinets from 800x1000x300 to 1200x1000x300	390 kg	40 kg	350 kg

Dimensions

Single door



Double door

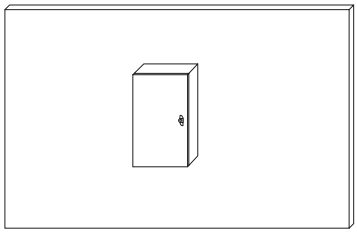


ARGENTA INOX

IP66 Steel wall-mounting cabinets

IP66 Wall-mounting cabinets. AISI 316L stainless steel. Opaque door

Reference No.	Cabinet dimensions			Dim. plate		Sheet thickness		No. locks	Reinf. profiles	Door with transp. panel	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E	ENCL.	DOOR				kg	20	25	30	35	40
INX252015-316	250	200	150	170	150	1.2	1.2	1	-	–	3.4	19.8	24.7	29.6	34.6	39.5
INX302015-316	300	200	150	270	150	1.2	1.2	1	-	-	3.9	22.8	28.5	34.2	39.8	45.5
INX302515-316	300	250	150	270	200	1.2	1.2	1	-	-	4.7	26.2	32.8	39.4	45.9	52.5
INX303015-316	300	300	150	270	250	1.2	1.2	1	-	-	5.2	29.7	37.1	44.6	52.0	59.4
INX303020-316	300	300	200	270	250	1.2	1.2	1	–	-	5.9	35.0	43.7	52.5	61.2	70.0
INX304015-316	300	400	150	270	350	1.2	1.2	1	–	-	6.6	36.6	45.8	55.0	64.1	73.3
INX403020-316	400	300	200	370	250	1.2	1.2	1	-	296x148	7.3	43.6	54.5	65.3	76.2	87.1
INX404020-316	400	400	200	370	350	1.2	1.2	1	2	296x248	9.5	52.8	66.0	79.2	92.4	105.6
INX406020-316	400	600	200	370	550	1.2	1.5	1	2	297x449	13.5	71.3	89.1	106.9	124.7	142.6
INX504015-316	500	400	150	470	350	1.2	1.2	2	2	-	10.5	54.9	68.6	82.3	96.1	109.8
INX504020-316	500	400	200	470	350	1.2	1.2	2	2	396x248	11.6	62.9	78.7	94.4	110.1	125.8
INX504025-316	500	400	250	470	350	1.2	1.2	2	2	396x248	12.2	62.9	78.7	94.4	110.1	125.8
INX604020-316	600	400	200	570	350	1.2	1.2	2	2	496x248	13.4	73.0	91.3	109.6	127.8	146.1
INX604025-316	600	400	250	570	350	1.2	1.2	2	2	-	14.2	82.1	102.6	123.1	143.6	164.1
INX605020-316	600	500	200	570	450	1.2	1.5	2	2	-	16.6	85.4	106.7	128.0	149.4	170.7
INX605025-316	600	500	250	570	450	1.2	1.5	2	2	497x349	17.7	95.2	118.9	142.7	166.5	190.3
INX606025-316	600	600	250	570	550	1.5	1.5	2	2	497x449	22.7	108.2	135.3	162.4	189.4	216.5
INX705020-316	700	500	200	670	450	1.5	1.5	2	2	-	20.9	97.0	121.3	145.5	169.8	194.0
INX705025-316	700	500	250	670	450	1.5	1.5	2	2	597x349	22.3	107.8	134.8	161.7	188.7	215.6
INX806020-316	800	600	200	770	550	1.5	1.5	2	2	-	27.8	124.1	155.1	186.1	217.1	248.3
INX806025-316	800	600	250	770	550	1.5	1.5	2	2	-	29.5	136.6	170.8	204.9	239.1	273.2
INX806030-316	800	600	300	770	550	1.5	1.5	2	2	697x449	30.5	149.2	186.5	223.7	261.0	298.3
INX808030-316	800	800	300	770	750	1.5	1.5	2	2	697x649	39.1	183.0	228.8	274.6	320.3	366.1
INX1008030-316	1000	800	300	970	750	1.5	1.5	3P	2	897x619	47.6	219.6	274.5	329.3	384.2	439.1
INX10010030/PD-316	1000	1000	300	970	950	1.5	1.5	3P	4	-	59.0	259.6	324.5	389.4	454.3	519.2
INX12010030/PD-316	1200	1000	300	1170	950	1.5	1.5	3P	4	-	68.3	302.3	377.9	453.4	529.0	604.6



Single opaque or transparent door cabinets: IP66 / NEMA 1, 4, 4x, 12.
Double opaque-door cabinets: IP55 / NEMA 1, 12.
Scotch 320 satin finish stainless steel. Injected polyurethane sealing gasket.
3P: one 3-point lock.
/PD: Double-door cabinets.

Cabinets supplied with mounting plate.
For references without plate, add /SP; e.g.: INX403020-316/SP - INX10010030PD-316/SP. (Check availability).
Pack of 4 plate height adjusters supplied in all references, even in those without plate /SP.

For references with transparent door, add T; e.g.: INXT302515-316 (Check availability).

VDE certificate only available for single-door cabinets.
For special cabinets, cabinets without plate and cabinets with transparent door, check availability of UL certificate.

SEE ACCESSORIES ON PAGE 36.



Single-door INOX cabinets

Transparent door INOX cabinet

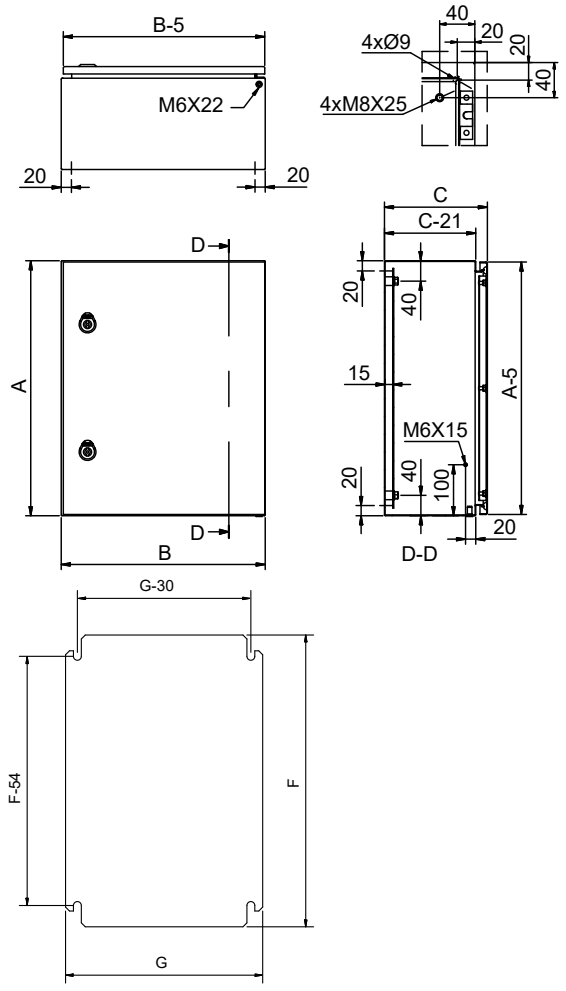
Double-door INOX cabinet

Maximum acceptable loads

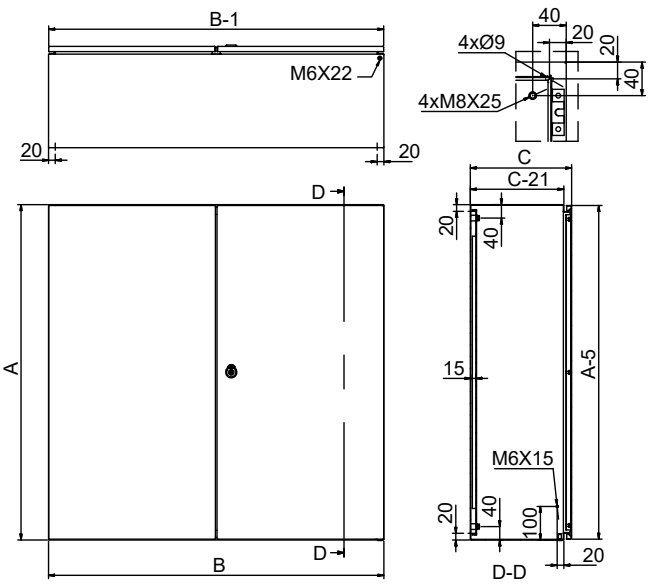
	Total load	Opaque door	Plate
Cabinets from 250x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 300x400x150 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x150 to 600x400x300	225 kg	25 kg	200 kg
Cabinets from 600x500x150 to 700x500x250	275 kg	25 kg	250 kg
Cabinets from 800x400x200 to 800x800x300	325 kg	25 kg	300 kg
Cabinets from 800x1000x300 to 1200x1000x300	390 kg	40 kg	350 kg

Dimensions

Single door



Double door



Plain metal mounting plates



MATERIAL: Plain mounting plate in 2-mm thick galvanised steel.

CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference. (Including cabinets without plate /SP).

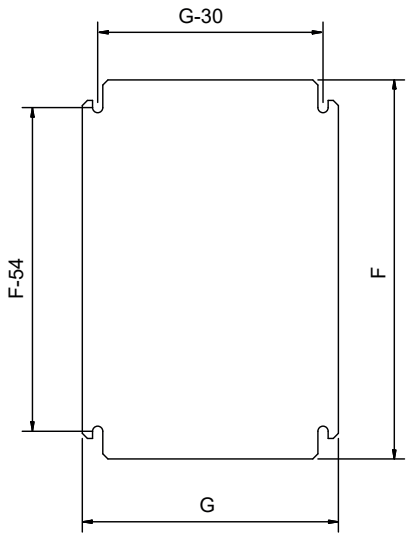
Ref. 48228, page 39.

FOR THE FOLLOWING CABINETS:
GN - ATX - INX.

To prevent cuts during use, plates have rounded sharp edges.

Reference No.	Dimensions		Plate thickness	Folds		For cabinet	
	F	G	mm	HORIZ.	VERT.	HEIGHT	WIDTH
PL2520	220	150	2	-	-	250	200
PL2525	220	200	2	-	-	250	250
PL3020	270	150	2	-	-	300	200
PL3025	270	200	2	-	-	300	250
PL3030	270	250	2	-	-	300	300
PL3040	270	350	2	-	-	300	400
PL4030	370	250	2	-	-	400	300
PL4040	370	350	2	-	-	400	400
PL4060	370	550	2	2	-	400	600
PL5030	470	250	2	-	-	500	300
PL5040	470	350	2	-	-	500	400
PL5050	470	450	2	-	-	500	500
PL5070	470	650	2	-	-	500	700
PL5080	470	750	2	2	2	500	800
PL50100	470	950	2	2	2	500	1000
PL6040	570	350	2	-	-	600	400
PL6050	570	450	2	-	-	600	500
PL6060	570	550	2	-	-	600	600
PL6080	570	750	2	2	2	600	800
PL60120	570	1150	2	2	2	600	1200
PL7050	670	450	2	-	-	700	500
PL8040	770	350	2	2	2	800	400
PL8060	770	550	2	2	2	800	600
PL8080	770	750	2	2	2	800	800
PL80100	770	950	2	2	2	800	1000
PL80120	770	1150	2	2	2	800	1200
PL10060	970	550	2	2	2	1000	600
PL10080	970	750	2	2	2	1000	800
PL100100	970	950	2	2	2	1000	1000
PL100120	970	1150	2	2	2	1000	1200
PL12060	1170	550	2	2	2	1200	600
PL12080	1170	750	2	2	2	1200	800
PL120100	1170	950	2	2	2	1200	1000
PL120120	1170	1150	2	2	2	1200	1200
PL14060	1370	550	2	2	2	1400	600
PL14080	1370	750	2	2	2	1400	800
PL140100	1370	950	2	2	2	1400	1000
PL140120	1370	1150	2	2	2	1400	1200





Plain insulating mounting plates



MATERIAL: Plain mounting plate in Bakelite.

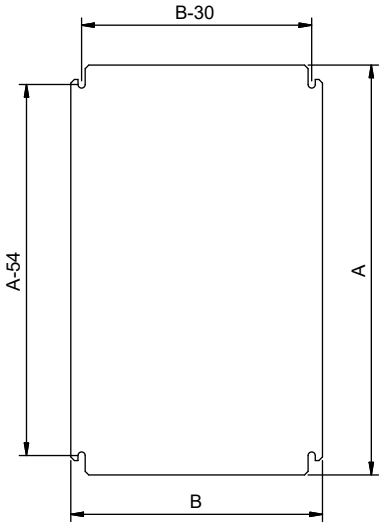
CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference. (Including cabinets without plate /SP).

Ref. 48228, page 39.

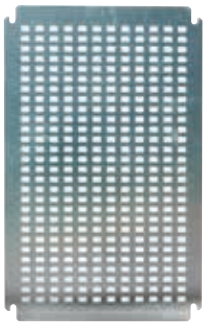
FOR THE FOLLOWING CABINETS:
GN - ATX - INX.

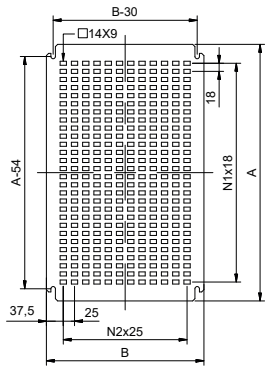
Reference No.	Dimensions		Plate thickness	For cabinet	
	A	B	mm	HEIGHT	WIDTH
PLB2520	220	150	3	250	200
PLB2525	220	200	3	250	250
PLB3020	270	150	3	300	200
PLB3025	270	200	3	300	250
PLB3030	270	250	3	300	300
PLB3040	270	350	3	300	400
PLB4030	370	250	3	400	300
PLB4040	370	350	3	400	400
PLB4060	370	550	3	400	600
PLB5030	470	250	3	500	300
PLB5040	470	350	3	500	400
PLB5050	470	450	4	500	500
PLB5070	470	650	4	500	700
PLB6040	570	350	4	600	400
PLB6050	570	450	4	600	500
PLB6060	570	550	4	600	600
PLB6080	570	750	4	600	800
PLB7050	670	450	4	700	500
PLB8040	770	350	4	800	400
PLB8060	770	550	4	800	600
PLB8080	770	750	4	800	800
PLB80100	770	950	5	800	1000
PLB80120	770	1150	5	800	1200
PLB10060	970	550	5	1000	600
PLB10080	970	750	5	1000	800
PLB100100	970	950	5	1000	1000
PLB100120	970	1150	5	1000	1200
PLB12060	1170	550	5	1200	600
PLB12080	1170	750	5	1200	800
PLB120100	1170	950	5	1200	1000
PLB120120	1170	1150	5	1200	1200
PLB140100	1370	950	5	1400	1000





Perforated metal mounting plates





Reference No.	Dimensions		Plate thickness	For cabinet	
	A	B	mm	HEIGHT	WIDTH
PLU2520	220	150	2	250	200
PLU2525	220	200	2	250	250
PLU3020	270	150	2	300	200
PLU3025	270	200	2	300	250
PLU3030	270	250	2	300	300
PLU3040	270	350	2	300	400
PLU4030	370	250	2	400	300
PLU4040	370	350	2	400	400
PLU4060	370	550	2	400	600
PLU5030	470	250	2	500	300
PLU5040	470	350	2	500	400
PLU5050	470	450	2	500	500
PLU5070	470	650	2	500	700
PLU6040	570	350	2	600	400
PLU6050	570	450	2	600	500
PLU6060	570	550	2	600	600
PLU6080	570	750	2	600	800
PLU7050	670	450	2	700	500
PLU8040	770	350	2	800	400
PLU8060	770	550	2	800	600
PLU8080	770	750	2	800	800
PLU80100	770	950	2	800	1000
PLU80120	770	1150	2	800	1200
PLU10060	970	550	2	1000	600
PLU10080	970	750	2	1000	800
PLU100100	970	950	2	1000	1000
PLU100120	970	1150	2	1000	1200
PLU12060	1170	550	2	1200	600
PLU12080	1170	750	2	1200	800
PLU120100	1170	950	2	1200	1000
PLU120120	1170	1150	2	1200	1200

MATERIAL: Perforated mounting plate in 2-mm thick galvanised steel.

CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference. (Including cabinets without plate /SP).

Ref. 48228, page 39.

Cut-out holes 14x9 - Distance between perforations 25 mm.

Recommended caged nuts:

48429: For front assembly.

48416 or 48435: For rear assembly.

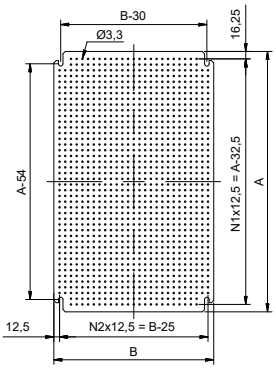
(See references on page 262)

FOR THE FOLLOWING CABINETS:

GN - ATX - INX.

Micro-perforated metal mounting plates





Reference No.	Dimensions		Plate thickness	For cabinet	
	A	B	mm	HEIGHT	WIDTH
PLM6040	570	350	2	600	400
PLM6060	570	550	2	600	600
PLM7050	670	450	2	700	500
PLM8060	770	550	2	800	600
PLM8080	770	750	2	800	800

MATERIAL: Perforated mounting plate in 2-mm thick galvanised steel.
CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference (including cabinets without plate /SP).
Ref. 48228, page 39.
Cut-out holes Ø3.3 - Distance between perforations 12.5 mm.
FOR THE FOLLOWING CABINETS:
GN - ATX - INX.

Plate height adjuster



Reference No.	Description
48228	Pack of 4 height adjusters + 4 anti-twist nuts

MATERIAL: Rubber.
CHARACTERISTICS: It is supplied in all cabinet references. (Including cabinets without plate /SP).
Pack of 4 height adjusters + 4 anti-twist nuts.
FOR THE FOLLOWING CABINETS: GN - ATX - INX.

Height adjustment element



Reference No.	For cabinet depth (mm)	Pack
SP150	150	4-piece pack
SP200	200	4-piece pack
SP250	250	4-piece pack
SP300	300	4-piece pack
SP400	400	4-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Height adjustment element for mounting plates.
Height adjustment in increments of 12.5 mm.
Required for the assembly of the inner doors.
SUPPLY: Pack of 4 adjustable supports.
FOR THE FOLLOWING CABINETS: GN - ATX - INX.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Profiles for 19" FIXED frame



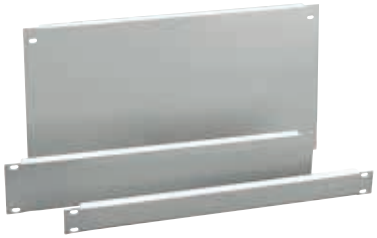


Reference	Assembly units	For cabinet		Pack
		HEIGHT	WIDTH	
PMRA19/12U	12 U	600	600	2-piece pack
PMRA19/17U	17 U	800	600	2-piece pack
PMRA19/21U	21 U	1000	600	2-piece pack
PMRA19/26U	26 U	1200	600	2-piece pack

MATERIAL: 2 mm-thick galvanised steel.
CHARACTERISTICS: Die-cut profiles for 19" devices on the front side. Depth adjustable.
SUPPLY: Pack of 2 profiles + screws.

For the installation the depth support profile (type PBR) must be ordered according to the depth of the enclosure (see references below).

Blind covers for 19" FIXED frame



Reference No.	Assembly units
TCB1U	1 U
TCB2U	2 U
TCB3U	3 U
TCB4U	4 U
TCB6U	6 U

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: Compatible with fixed and swing frame.

Modular lid for 19" FIXED frame



Reference No.	Assembly units	No. of modules
TMBGN3U	3 U	24

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: Incorporates DIN rail. Compatible with fixed and swing frame.

Cover with brush for 19" FIXED frame



Reference No.	Assembly units
TBC1U	1U

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: With protective brushes on the back.

Depth support profile



Reference No.	For cabinet depth (mm)	Pack
PBR200	200	4-piece pack
PBR250	250	4-piece pack
PBR300	300	4-piece pack
PBR400	400	4-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Allows attaching profiles to fixed frame.
SUPPLY: Pack of 4 adjustable supports + screws.

Modular chassis (rolled steel)



Reference No.	No. of modules	Rows	For cabinet		
			HEIGHT	WIDTH	DEPTH
CH3025/1520	16	2x8	300	250	150-200
CH3030/1520	22	2x11	300	300	150-200
CH4030/1520	33	3x11	400	300	150-200
CH4040/1520	45	3x15	400	400	150-200
CH4040/2530	45	3x15	400	400	250-300
CH4060/1520	78	3x26	400	600	150-200
CH4060/2530	78	3x26	400	600	250-300
CH5040/1520	48	3x16	500	400	150-200
CH5040/2530	48	3x16	500	400	250-300
CH6040/1520	64	4x16	600	400	150-200
CH6040/2530	64	4x16	600	400	250-300
CH6060/1520	104	4x26	600	600	150-200
CH6060/2530	104	4x26	600	600	250-300
CH7050/1520	110	5x22	700	500	150-200
CH7050/2530	110	5x22	700	500	250-300
CH8060/1520	128	4x26 + 1x24	800	600	150-200
CH8060/2530	128	4x26 + 1x24	800	600	250-300
CH8080/1520	190	5x38	800	800	150-200
CH8080/2530	190	5x38	800	800	250-300
CH10060/2530	156	6x26	1000	600	250-300
CH10080/2530	228	6x38	1000	800	250-300
CH10080/40	228	6x38	1000	800	400

MATERIAL: Frame: Galvanised steel. Chassis lid: Cold rolled steel primed and painted RAL 7035 Light Grey.

CHARACTERISTICS: Includes frame, chassis lid, locking screws and height adjusters. It also includes two holes at the front to apply the knob handle (Ref. 48545), and one hole at the side to run the earth wire.

Caps are supplied to cover the holes in case not used.

Bag of assembly accessories included.

FOR THE FOLLOWING CABINETS: GN - INX - ATX.

Modular chassis (stainless steel)



Reference No.	No. of modules	Rows	For cabinet		
			HEIGHT	WIDTH	DEPTH
INXCH3025/1520	16	2x8	300	250	150
INXCH4030/1520	33	3x11	400	300	200
INXCH5040/1520	48	3x16	500	400	200
INXCH6040/1520	64	4x16	600	400	200
INXCH6060/2530	104	4x26	600	600	250
INXCH7050/2530	110	5x22	700	500	250
INXCH8060/2530	128	4x26 + 1x24	800	600	300
INXCH8080/2530	190	5x38	800	800	300
INXCH10080/2530	228	6x38	1000	800	300

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish.

CHARACTERISTICS: Includes frame, chassis lid, locking screws and height adjusters.

Bag of assembly accessories included.

FOR THE FOLLOWING CABINETS: INX - ATX/INX.

Handle



Reference No.	Description
48545	Knob handle

MATERIAL: Wood-filled phenolic resin. Shiny black.

CHARACTERISTICS: Resistant to most industrial chemical products, oils, greases and adverse weather conditions, including ultraviolet light.

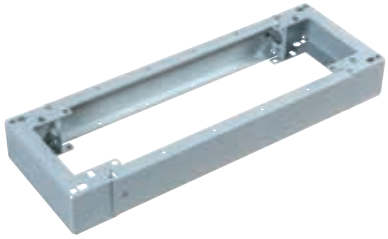
Rated service temperature: -30 °C / +140 °C.

FOR THE FOLLOWING CABINETS: Inner doors and modular chassis.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Plinths (galvanised steel)



Reference No.	Dimensions	For cabinet	
100-MM PLINTH	HEIGHTXWIDTHX DEPTH	WIDTH	DEPTH
ZCLA106020	100x600x200	600	200
ZCLA106025	100x600x250	600	250
ZCLA106030	100x600x300	600	300
ZCLA106040	100x600x400	600	400
ZCLA108020	100x800x200	800	200
ZCLA108025	100x800x250	800	250
ZCLA108030	100x800x300	800	300
ZCLA108040	100x800x400	800	400
ZCLA1010025	100x1000x250	1000	250
ZCLA1010030	100x1000x300	1000	300
ZCLA1010040	100x1000x400	1000	400
ZCLA1012025	100x1200x250	1200	250
ZCLA1012030	100x1200x300	1200	300
ZCLA1012040	100x1200x400	1200	400
200-MM PLINTH	HEIGHTXWIDTHX DEPTH	WIDTH	DEPTH
ZCLA206020	200x600x200	600	200
ZCLA206025	200x600x250	600	250
ZCLA206030	200x600x300	600	300
ZCLA206040	200x600x400	600	400
ZCLA208020	200x800x200	800	200
ZCLA208025	200x800x250	800	250
ZCLA208030	200x800x300	800	300
ZCLA208040	200x800x400	800	400
ZCLA2010025	200x1000x250	1000	250
ZCLA2010030	200x1000x300	1000	300
ZCLA2010040	200x1000x400	1000	400
ZCLA2012025	200x1200x250	1200	250
ZCLA2012030	200x1200x300	1200	300
ZCLA2012040	200x1200x400	1200	400

MATERIAL: Cold galvanised steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Plinth supplied complete with front and side covers.
FOR THE FOLLOWING CABINETS: GN.

Plinths (stainless steel)



Reference No.	Dimensions	For cabinet	
AISI 304L 100-MM PLINTH	HEIGHTXWIDTHX DEPTH	WIDTH	DEPTH
INXZCLA104020	100x400x200	400	200
INXZCLA104025	100x400x250	400	250
INXZCLA105025	100x500x250	500	250
INXZCLA106020	100x600x200	600	200
INXZCLA106025	100x600x250	600	250
INXZCLA106025	100x600x250	600	250
INXZCLA106030	100x600x300	600	300
INXZCLA108030	100x800x300	800	300
INXZCLA1010030	100x1000x300	1000	300

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish.
Check availability for plinths AISI 316L.
CHARACTERISTICS: Plinth supplied complete with front and side covers.
FOR THE FOLLOWING CABINETS: INX.

Plinth cable support



Reference No.	For plinth depth (mm)	Pack
48497	250	2-piece pack
48498	300	2-piece pack
48499	400	2-piece pack

MATERIAL: Galvanised steel.

CHARACTERISTICS: It is fitted on the inside of the plinth. Height-adjustable.
For installation it is necessary to request the DIN rail. See references on page 256.

FOR THE FOLLOWING CABINETS: GN.

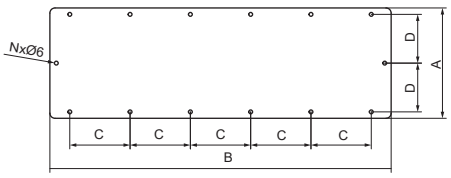
Application example



Standard cable entry lids







Reference	Cable entry gap (mm)		Lid (mm)				
	HEIGHT	WIDTH	A	B	C	D	N
TS0815	65	120	112	167	107	46	6
TS0820	65	185	112	232	86	46	8
TS0830	65	285	112	332	90	46	10
TS1423	125	215	172	262	101	76	8
TS1430	125	285	172	332	90	76	10
TS1440	125	385	172	432	93	76	12
TS1450	125	485	172	532	94	76	14
TS1470	125	685	172	732	96	76	18
TS1490	125	885	172	932	97	76	22

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.

CHARACTERISTICS: Standard spare cover for cable entry. Fitting screws included.

SUPPLY: 1-cover + screws pack.

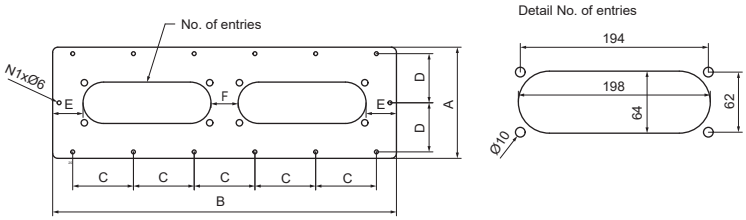
FOR THE FOLLOWING CABINETS: GN.

Cable entry lid for FL21-type frame



Reference No.	Cable entry gap (mm)	Lid (mm)							No. of entries
	HEIGHTX WIDTH	A	B	C	D	E	F	N1	
TF1423	125x215	172	262	101	76	32	-	8	1
TF1430	125x285	172	332	90	76	67	-	10	1
TF1440	125x385	172	432	93	76	117	-	12	1
TF1450	125x485	172	532	94	76	47	42	14	2
TF1470	125x685	172	732	96	76	32	37	18	3
TF1490	125x885	172	932	97	76	107	62	22	3

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Fitting screws included.
SUPPLY: 1-cover + screws pack.
FOR THE FOLLOWING CABINETS: GN.



FL21-type frame and lid



Frame



Plain lid

Reference No.	Description	Internal dimensions	Pack
		HEIGHTX WIDTH	
TFL21	Frame 90x214	170x68	5-piece bag
TCFL21	Plain lid 90x214	-	1-piece pack

MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: FL21 frame for fitting the various inserts. Covers with entrances with membranes of various diameters for different combinations. For the full set, order the cable entry cover, the FL21 frame and the inserts.
Frame and plain lid are supplied with all the necessary screws for its installation.
IP65 protection degree.
FOR THE FOLLOWING CABINETS: GN.

Interchangeable inserts for FL21-type frame



Ref. T06



Ref. T07



Ref. T08



Ref. T09



Ref. T11 Ref. T12 Ref. T13

Reference No.	Dimensions	No. of entries
	HEIGHTX WIDTH	Ø
T06	68x68	2xM25 (8-17 mm) 2xM16 (5-10 mm)
T07	68x68	1xM32-M40-M50
T08	68x68	9x7-14 mm
T09	68x68	2x20-30 mm 2x10-20 mm
T11	34x68	2x8-17 mm
T12	34x68	2xM20 (6-13 mm)
T13	34x68	10x4-10 mm

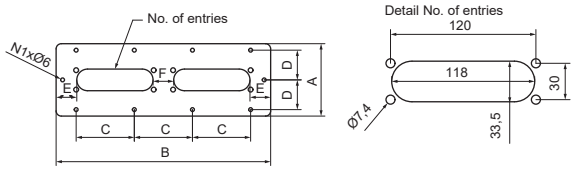
MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: Interchangeable inserts for FL21-type frame. IP65 protection degree.
FOR THE FOLLOWING CABINETS: GN.

Cable entry lid for FL13-type frame



Reference No.	Cable entry gap (mm)	Die-cut (mm)							No. of entries
	HEIGHTX WIDTH	A	B	C	D	E	F	N1	
TF0820	65x185	112	232	86	46	57	-	7	1
TF0830	65x285	112	332	90	46	32	32	10	2

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Fitting screws included.
SUPPLY: 1-cover + screws pack.
FOR THE FOLLOWING CABINETS: GN.



FL13-type frame and lid



Frame



Plain lid

Reference No.	Description	Internal dimensions		Pack
		HEIGHT	WIDTH	
TFL13	Frame 52x134	34	102	5-piece bag
TCFL13	Plain lid 52x134	-	-	1-piece pack

MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: FL13 frame for fitting the various inserts. Covers with entrances with membranes of various diameters for different combinations. For the full set, order the cable entry cover. the FL13 frame and the inserts. The frame is supplied with all the necessary screws for its installation.
IP65 protection degree.
FOR THE FOLLOWING CABINETS: GN.

Interchangeable inserts for FL13-type frame



Ref. T14



Ref. T15



Ref. T16



Ref. T17

Reference No.	Dimensions	No. of entries
	HEIGHTX WIDTH	Ø
T14	34x68	2x 8-17 mm
T15	34x68	2xM20 6-13 mm
T16	34x68	10x 4-10 mm
T17	34x34	1xM20 6-13 mm

MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: Interchangeable inserts for FL13-type frame.
IP65 protection degree.
FOR THE FOLLOWING CABINETS: GN.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Canopy (galvanised steel)



MATERIAL: Galvanised steel primed and painted RAL 7035 Light Grey.

CHARACTERISTICS: It protects the controls or lights from the rain and dust. Recommended for outdoor use cabinets.

It is fixed directly to the enclosure.

It is supplied with all the screws required for assembly.

FOR THE FOLLOWING CABINETS: GN.

Fastening through four insert nuts ensuring a perfect and stable fit

Reference No.	Dimensions	For cabinet	
	WIDTHX DEPTH	WIDTH	DEPTH
TEJ2015	200x175	200	150
TEJ2515	250x175	250	150
TEJ2520	250x225	250	200
TEJ3015	300x175	300	150
TEJ3020	300x225	300	200
TEJ3025	300x275	300	250
TEJ4015	400x175	400	150
TEJ4020	400x225	400	200
TEJ4025	400x275	400	250
TEJ4030	400x325	400	300
TEJ5015	500x175	500	150
TEJ5020	500x225	500	200
TEJ5025	500x275	500	250
TEJ5030	500x325	500	300
TEJ6020	600x225	600	200
TEJ6025	600x275	600	250
TEJ6030	600x325	600	300
TEJ6040	600x425	600	400
TEJ7020	700x225	700	200
TEJ8020	800x225	800	200
TEJ8025	800x275	800	250
TEJ8030	800x325	800	300
TEJ8040	800x425	800	400
TEJ10020	1000x225	1000	200
TEJ10025	1000x275	1000	250
TEJ10030	1000x325	1000	300
TEJ10040	1000x425	1000	400
TEJ12025	1200x275	1200	250
TEJ12030	1200x325	1200	300
TEJ12040	1200x425	1200	400

Canopy (stainless steel)



Reference No.	Dimensions	For cabinet	
	WIDTHX DEPTH	WIDTH	DEPTH
INXTEJ2015	200x175	200	150
INXTEJ2515	250x175	250	150
INXTEJ3015	300x175	300	150
INXTEJ3020	300x225	300	200
INXTEJ4015	400x175	400	150
INXTEJ4020	400x225	400	200
INXTEJ5020	500x225	500	200
INXTEJ5025	500x275	500	250
INXTEJ6020	600x225	600	200
INXTEJ6025	600x275	600	250
INXTEJ6030	600x325	600	300
INXTEJ8030	800x325	800	300
INXTEJ10030	1000x325	1000	300

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish.Check availability for canopies AISI 316L.

CHARACTERISTICS: It protects the controls or lights from the rain and dust.

It is fixed directly to the enclosure.

It is supplied with all the screws required for assembly.

FOR THE FOLLOWING CABINETS: INX.

Inner door
(rolled steel)



Reference No.	Dimensions	For cabinet	
	HEIGHTX WIDTH	HEIGHT	WIDTH
PIN3025	237x195	300	250
PIN3030	237x245	300	300
PIN3040	237x345	300	400
PIN4030	337x245	400	300
PIN4040	337x345	400	400
PIN4060	337x545	400	600
PIN5030	437x245	500	300
PIN5040	437x345	500	400
PIN5050	437x445	500	500
PIN5070	437x645	500	700
PIN6040	537x345	600	400
PIN6050	537x445	600	500
PIN6060	537x545	600	600
PIN6080	537x745	600	800
PIN7050	637x445	700	500
PIN8040	737x345	800	400
PIN8060	737x545	800	600
PIN8080	737x745	800	800
PIN80100	737x945	800	1000
PIN80120	737x1145	800	1200
PIN10060	937x545	1000	600
PIN10080	937x745	1000	800
PIN100100	937x945	1000	1000
PIN100120	1137x1145	1000	1200
PIN12060	1137x545	1200	600
PIN12080	1137x745	1200	800
PIN120100	1137x945	1200	1000
PIN120120	1337x1145	1200	1200
PIN14060	1337x545	1400	600
PIN14080	1337x745	1400	800
PIN140100	1350x950	1400	1000

MATERIAL: Cold rolled steel painted RAL 7035 Light Grey.

CHARACTERISTICS: It is supplied with the same lock type as the standard door: 5-mm double-bit lock.

Reversible hinges and 90° opening.

Possibility of simultaneous assembly of inner door and mounting plate.

It is not compatible with the assembly of a door retainer or switch.

FOR THE FOLLOWING CABINETS: GN - ATX.

For the installation of the inner door, the depth support profile (type PBR) must be ordered according to the depth of the enclosure (see references on page 40).

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Inner door
(stainless steel)



Reference No.	Dimensions	For cabinet	
	HEIGHTX WIDTH	HEIGHT	WIDTH
INXPIN3025	237x195	300	250
INXPIN3030	237x245	300	300
INXPIN3040	237x345	300	400
INXPIN4030	337x245	400	300
INXPIN4040	337x345	400	400
INXPIN4060	337x545	400	600
INXPIN5040	437x345	500	400
INXPIN6040	537x345	600	400
INXPIN6050	537x445	600	500
INXPIN6060	537x545	600	600
INXPIN7050	637x445	700	500
INXPIN8060	737x545	800	600
INXPIN8080	737x745	800	800
INXPIN10080	937x745	1000	800
INXPIN100100	937x945	1000	1000
INXPIN120100	1137x945	1200	1000

For the installation of the inner door, the depth support profile (type PBR) must be ordered according to the depth of the enclosure (see references on page 40).

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish. Check availability for doors AISI 316L.
CHARACTERISTICS: It is supplied with the same lock type as the standard door: 5-mm double-bit lock.
Reversible hinges and 90° opening.
Possibility of simultaneous assembly of inner door and mounting plate.
It is not compatible with the assembly of a door retainer or switch.
FOR THE FOLLOWING CABINETS: INX - ATX/INX.

Spare doors
(stainless steel)



Reference No.	No. locks	Door type	For cabinet	
			HEIGHT	WIDTH
INXPO2520	1	Single	250	200
INXPO3020	1	Single	300	200
INXPO3025	1	Single	300	250
INXPO3030	1	Single	300	300
INXPO3040	1	Single	300	400
INXPO4030	1	Single	400	300
INXPO4040	1	Single	400	400
INXPO4060	1	Single	400	600
INXPO5040	2	Single	500	400
INXPO6040	2	Single	600	400
INXPO6050	2	Single	600	500
INXPO6060	2	Single	600	600
INXPO7050	2	Single	700	500
INXPO8060	2	Single	800	600
INXPO8080	2	Single	800	800
INXPO10080	1x3P	Single	1000	800
INXPO100100/PD	1x3P	Double	1000	1000
INXPO120100/PD	1x3P	Double	1200	1000

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish.
Check availability for doors AISI 316L.
CHARACTERISTICS: Doors supplied without lock. See locks on pages 52-54.
/PD: Double opaque doors.
Maximum load: Doors from 250x200 to 800x800: 25 kg.
Doors from 800x1000 to 1400x1000: 40 kg.
FOR THE FOLLOWING CABINETS: INX - ATX/INX.

Opaque spare doors
(rolled steel)



Shaped doors, avoiding welding points.

Reference No.	No. locks	Door type	For cabinet	
			HEIGHT	WIDTH
PO2520	1	Single	250	200
PO2525	1	Single	250	250
PO3020	1	Single	300	200
PO3025	1	Single	300	250
PO3030	1	Single	300	300
PO3040	1	Single	300	400
PO4030	1	Single	400	300
PO4040	1	Single	400	400
PO4060	1	Single	400	600
PO5030	2	Single	500	300
PO5040	2	Single	500	400
PO5050	2	Single	500	500
PO5070	2	Single	500	700
PO5080	2	Single	500	800
PO50100/PD	1x3P	Double	500	1000
PO6040	2	Single	600	400
PO6050	2	Single	600	500
PO6060	2	Single	600	600
PO6080	2	Single	600	800
PO60100/PD	1x3P	Double	600	1000
PO60120/PD	1x3P	Double	600	1200
PO7050	2	Single	700	500
PO8040	2	Single	800	400
PO8060	2	Single	800	600
PO8080	2	Single	800	800
PO80100	2	Single	800	1000
PO80100/PD	1x3P	Double	800	1000
PO80120/PD	1x3P	Double	800	1200
PO10060	1x3P	Single	1000	600
PO10080	1x3P	Single	1000	800
PO100100	1x3P	Single	1000	1000
PO100100/PD	1x3P	Double	1000	1000
PO100120/PD	1x3P	Double	1000	1200
PO12060	1x3P	Single	1200	600
PO12080	1x3P	Single	1200	800
PO120100	1x3P	Single	1200	1000
PO120100/PD	1x3P	Double	1200	1000
PO120120	1x3P	Single	1200	1200
PO120120/PD	1x3P	Double	1200	1200
PO14060	1x3P	Single	1400	600
PO14080	1x3P	Single	1400	800
PO140100	1x3P	Single	1400	1000
PO140100/PD	1x3P	Double	1400	1000
PO140120/PD	1x3P	Double	1400	1200

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Doors supplied without lock.
See locks on pages 52-54.
/PD: Double opaque doors.
Maximum load:
Doors from 250x200 to 800x800: 25 kg.
Doors from 800x1000 to 1400x1000: 40 kg.
FOR THE FOLLOWING CABINETS: GN - ATX.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Spare hinge



Reference No.	Description
48635	Argenta spare hinge (1 hinge + 1 bolt)

MATERIAL: Steel with Geomet treatment.
SUPPLY: Bag with a hinge and a bolt.
FOR THE FOLLOWING CABINETS: GN.

Rods



Reference No.	Description	Pack
48385	Rods for cabinets with a height of up to 800 mm	2-piece pack
48386	Rods for cabinets with a height of up to 1000 mm	2-piece pack
48387	Rods for cabinets with a height of up to 1200 mm	2-piece pack
48388	Rods for cabinets with a height of up to 1400 mm	2-piece pack

Assembly profiles for doors



Reference No.	For door width (mm)	Type	Pack
PMP300	300	1	1-piece pack
PMP400	400	1	1-piece pack
PMP500	500	1	1-piece pack
PMP600	600	1	1-piece pack
PMP800	800	1	1-piece pack
PMP1000	1000	2	1-piece pack
PMP1200	1200	2	1-piece pack
PMPD500	500	2	1-piece pack
PMPD600	600	2	1-piece pack
PMPD800	800	2	1-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Profile for fixing directly to the door. They facilitate installation of the door's inside elements.
Type 1: Single door height≤800; For double doors, install on door without lock.
Type 2: Single door height>1000; For double doors, install on door with lock.
SUPPLY: 1 profile per reference.
FOR THE FOLLOWING CABINETS: GN - ATX.

Profile for deep bracket



Reference No.	For cabinet prof. (mm)
PB150	150
PB200	200
PB250	250
PB300	300
PB400	400

MATERIAL: Galvanised steel.
CHARACTERISTICS: To be installed in any part of the cabinet perimeter.
SUPPLY: Pack of 1 profile + screws.

Maximum acceptable loads

Placement	Nº of profiles	Total load
Vertical placement	1 profile	3 kg (maximum at 7 cm from the profile)
	2 profiles	20 kg (maximum at 7 cm from the profile)
Horizontal placement	1 profile	3 kg (load centered on vertical axis with the profile)
	2 profiles	Not recommended
Plate fixation	4 profiles	100 kg

Door retainer



Reference No.	Description	For cabinet WIDTH
48380	Retainer L=130 for rolled steel cabinets	>250 to 1200
48383	Retainer L=130 for stainless steel cabinets	>250 to 1200

MATERIAL: Cold rolled steel sheet, with zinc-plated steel pieces.

CHARACTERISTICS: It stops the door when it reaches the end of its path.
It is not compatible with an inner door or chassis assembly.

FOR THE FOLLOWING CABINETS: GN - INX.

Door switch with linear push button



Ref. 48609



Ref. 48610

Reference No.	Attachment	AC voltage V	AC voltage HZ	Dimensions		
48609	Magnetic	125/250	50/60	70	30,6	30
48610	Screw	125/250	50/60	70	30,6	30

MATERIAL: Zinc-plated steel (backing material).

CHARACTERISTICS: Operated by stainless steel switch.

A deep bracket profile must be ordered for screw attachment, depending on the depth of the cabinet. See PB reference in page 50. For magnetic attachment, it can be installed in any area of the double tilt fold of the cabinet.

Protection grade IP65.

FOR THE FOLLOWING CABINETS: GN.

Door switch with LED and linear push button



Ref. 48618



Ref. 48619

Reference No.	Attachment	AC voltage V	AC voltage Hz	Lum. Lm	Consumption power W	Light colour K
48618	Magnetic	220/240	50/60	600	7	6000/6500
48619	Screw	220/240	50/60	600	7	6000/6500

CHARACTERISTICS: Small-sized and high efficiency light. Operated by stainless steelswitch.
A profile for deep bracket must be ordered to attach the screws, depending on the depth of the cabinet. Attachment support incorporated. See PB reference in page 50.

Dimensions L=100 mm.

Protection grade IP20.

FOR THE FOLLOWING CABINETS: GN.

Fixed trays



Reference No.	Description	Assembly units	Maximum load kg
BNF19-1U/200	Fixed tray L=200 mm	1 U	20
BNF19-2U/250	Fixed tray L=250 mm	2 U	20

MATERIAL: Cold rolled steel painted RAL 7035 Light Grey.

CHARACTERISTICS: Fixed trays compatible with Argenta fixed frame. All screws are included.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

GN standard locks



Ref. 48450



Ref. 48414

Reference No.	Description
48450	1P 5-mm double-bit lock in polyamide

CHARACTERISTICS: Housing and latch manufactured in RAL 7037 Dusty Grey polyamide.
For cabinets with a height of up to 800 mm.
5-mm double-bit key in polyamide not included (Ref. 48449) (see page 54).
IP66 degree of protection.

48414	3P 5-mm double-bit lock in polyamide (without rods)

CHARACTERISTICS: Housing manufactured in RAL 7037 Dusty Grey polyamide and latch in steel.
For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock.
5-mm double-bit key in zamak not included (Ref. 48460) (see page 54).
IP66 degree of protection.

ATEX standard locks

Reference No.	Description
48405	1P ATEX 5-mm double-bit lock
48406	3P ATEX 5-mm double-bit lock (without rods)



Ref. 48405



Ref. 48406

CHARACTERISTICS: Made of chrome-plated zamak, with injected sealing gasket.
1P Locks: For cabinets with a height of up to 800 mm.
3P Locks: For cabinets from 1000-mm height. Does not include rods for 3P lock.
Locks for installation in ATEX cabinets (rolled steel).
5-mm double-bit key in polyamide / zamak not included (Ref. 48449 / 48460) (see page 54).
IP66 degree of protection.

ATEX-INOX standard locks

Reference No.	Description
48400	1P AISI 316L stainless steel 5-mm double-bit lock
48401	3P AISI 316L stainless steel 5-mm double-bit lock (without rods)



Ref. 48400



Ref. 48401

CHARACTERISTICS: Made of AISI 316L stainless steel.
1P Locks: For cabinets with a height of up to 800 mm.
3P Locks: For cabinets from 1000-mm height. Does not include rods for 3P lock.
Locks for installation in ATEX cabinets (stainless steel).
5-mm double-bit key in polyamide / zamak not included (Ref. 48449 / 48460) (see page 54).
IP66 degree of protection.

INOX standard locks

Reference No.	Description
48390	1P 5-mm double-bit lock in zamak
48391	3P 5-mm double-bit lock in zamak (without rods)



Ref. 48390



Ref. 48391

CHARACTERISTICS: Housing and latch made of painted zamak.
1P Locks: For cabinets with a height of up to 800 mm.
3P Locks: For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock.
5-mm double-bit key in polyamide / zamak not included (Ref. 48449 / 48460) (see page 54).
IP66 degree of protection.

Locks with key



Ref. 48456



Ref. 48496

Reference No.	Description
48456	1P 1/4 turn lock + key code 333
48496	3P 1/4 turn lock + key code 333 (without rods)
48493	1P 1/4 turn lock + key code 405
48580	3P 1/4 turn lock + key code 405 (without rods)
48495	1P 1/4 turn lock + key code 1242E
48589	3P 1/4 turn lock + key code 1242E (without rods)

CHARACTERISTICS: Housing manufactured in RAL 7037 Dusty Grey polyamide and latch in steel.

1P Locks: For cabinets with a height of up to 800 mm.

3P Locks: For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock.

Keys are included (consult spare references on page 54).

IP54 degree of protection.

Wing nut locks



Ref. 48412



Ref. 48413



Ref. 48409



Ref. 48410



Ref. 48457



Ref. 48411

Reference No.	Description
48412	1P 1/4 turn lock + fixed wing nut
48413	3P 1/4 turn lock + fixed wing nut (without rods)

CHARACTERISTICS: Fixed wing nut without key.

1P Locks: Housing and latch in black polyamide. For cabinets with a height of up to 800 mm.

3P Locks: Housing manufactured in black polyamide and latch in steel. For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock.

IP66 degree of protection.

48409	1P JIS 1/4 turn lock + wing nut + key
48410	3P JIS 1/4 turn lock + wing nut + key (without rods)

CHARACTERISTICS: Housing manufactured in black polyamide and latch in steel. Aluminum key included (1 piece).

1P Locks: For cabinets with a height of up to 800 mm.

3P Locks: For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock.

IP66 degree of protection.

48457	1P 1/4 turn lock + wing nut + key code 333
48411	3P 1/4 turn lock + wing nut + key code 333 (without rods)
48590	1P 1/4 turn lock + wing nut + key code 405
48591	3P 1/4 turn lock + wing nut + key code 405 (without rods)
48587	1P 1/4 turn lock + wing nut + key code 1242E
48592	3P 1/4 turn lock + wing nut + key code 1242E (without rods)

CHARACTERISTICS: Locks with handle + key.

1P Locks: For cabinets with a height of up to 800 mm. Housing and latch made of black polyamide.

3P Locks: For cabinets from 1000-mm height and double-door cabinets. Does not include rods for 3P lock. Housing made of black polyamide and steel latch.

Keys are included (consult spare references on page 54).

IP66 degree of protection.

ARGENTA

IP66 Steel wall-mounting cabinets accessories

Triangle and square locks



Ref. 48546 Ref. 48547



Ref. 48451 Ref. 48415



Ref. 48501 Ref. 48404



Ref. 48455 Ref. 48540



Ref. 29266

Reference No.	Description
48546	1P triangle lock + 6.5-mm triangle key in zamak
48547	3P triangle lock + 6.5-mm triangle key in zamak (without rods)
48451	1P triangle lock + 8-mm triangle key in zamak
48415	3P triangle lock + 8-mm triangle key in zamak (without rods)
48501	1P triangle lock for padlock + 11-mm triangle key in zamak
48404	3P triangle lock for padlock + 11-mm triangle key in zamak (without rods)
48455	1P square lock + 7-mm square polyamide key
48540	3P square lock + 7-mm square polyamide key (without rods)

CHARACTERISTICS: 1P Locks: Housing and latch manufactured in polyamide. For cabinets with a height of up to 800 mm.

3P Locks: Housing manufactured in polyamide and latch in steel. For cabinets from 1000-mm height and double-door cabinets.

Does not include rods for 3P lock. It is necessary to order the rods separately (see page 50).

All the references supplied include the corresponding key (see references below).

IP66 degree of protection.

29266	Stainless steel interlocking for padlock

Keys



Ref. 48449 Ref. 48460



Ref. 48550



Ref. 48551 Ref. 48552

Reference No.	Description
48449	5-mm double-bit key in polyamide
48460	5-mm double-bit key in zamak
48550	1/4 turn key code 333
48593	1/4 turn key code 405
48594	1/4 turn key code 1242E
48632	1/4 turn key code 455
48551	8-mm triangle key in zamak
48552	7-mm polyamide square key

Wall-mounting support



Ref. 48423



Ref. 48623



Ref. 48422

Reference No.	Description	Pack
48423	Zinc-plated steel-mounting support	4-piece pack
48623	316L stainless steel wall-mounting support	4-piece pack

MATERIAL: Zinc-plated steel or AISI 316L stainless steel.
CHARACTERISTICS: They are attached to the rear part of the cabinet vertically or horizontally. Vertical mounting is not compatible with models GN302015-GN302020-GN403020-GN503020-GN503020-GN503025.
11-mm wall separation.
Maximum horizontal or vertical load: 490 kg.
SUPPLY: Pack of 4 supports.
FOR THE FOLLOWING CABINETS: GN - INX.

Reference No.	Description	Pack
EXTERNAL FIXING		
48422	Inner hook fitting	4-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Inner fixing support for screwing in the hangers from the outside of the cabinet.
SUPPLY: Pack of 4 units.
FOR THE FOLLOWING CABINETS: GN - INX.

Post attachment



Reference No.	Description	Pack
48420/3040	Post attachment for cabinet width 300-400 mm	2-piece pack
48420/5060	Post attachment for cabinet width 500-600 mm	2-piece pack
48420/7080	Post attachment for cabinet width 700-800 mm	2-piece pack

MATERIAL: Galvanised steel primed and painted gray RAL 7035 Light Grey.
CHARACTERISTICS: It includes the guides, clamps and screws required for installation. The support is suitable for circular columns with a diameter of 100 to 200 mm and for square columns with a side of 60 to 100 mm.
For cabinets from 300 mm to 800 mm wide.
Maximum load: 130 kg.
SUPPLY: Pack of 2 units.
FOR THE FOLLOWING CABINETS: GN.

Lifting eyebolts



Reference No.	Description	Pack
48475	M12 Lifting eyebolts	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They are fitted at the top of the cabinet using M12 nuts.
They cannot be assembled if there is a canopy in place.
SUPPLY: Pack of 2 units.
FOR THE FOLLOWING CABINETS: GN - INX.

Support stand



Reference No.	Description	Dimensions
		HEIGHT
49730	Cold rolled steel support painted in RAL 7035	900

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS:
One support must be ordered for enclosure widths between 300 and 600 mm (both supplied).
Two supports must be ordered for cabinet widths of 800 mm or more.
Compatible with 250 and 300 mm cabinet depths only.
FOR THE FOLLOWING CABINETS: GN.

TECNO





IP66 Steel terminal boxes

The terminal boxes range is available in various versions to fit the needs of every installer. They are available in cold rolled steel, in AISI 304L and AISI 316L stainless steel, and in ATEX-marked stainless steel (see the specific ATEX section on page 86).

They are intended for the industrial sector as a machine tool and automation system control box. They are available in a wide variety of sizes, with plain sides or lids for cable entries (see rolled steel version).

They have a closing system that uses quick-release screws with watertight caps to ensure greater security.

The design and manufacture of this line is perfectly suited to special applications that require particular dimensions or the specific mechanisation of a product to meet the requirements of the installation.



TECNO Technical characteristics
(Rolled steel)

- **Degree of protection:** IP66 / NEMA 1, 4, 12.
- **Resistance to impact:** IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

(See references on page 60).

TECNO INOX Technical characteristics
(Stainless steel)

- **Degree of protection:** IP66 / NEMA 1, 4, 4x, 12.
- **Resistance to impact:** IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

(See references on page 64).

TECNO Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standard: UNE-EN 62208.
UL508A certificate (Rolled steel boxes).

TECNO

IP66 Steel terminal boxes



Product series (Rolled steel)

Standard

- Boxes with plain sides and screw-on cover with depths of 90 mm and 135 mm.
- Boxes with cable entry and screw-on cover with a depth of 135 mm.

To order

- Special boxes, dimensions, cut-outs, colours, etc.

Supply

Supplied in individual packaging containing the enclosure, lid and the accessory bag.

Accessory bag:

- Screws plus caps for enclosure-lid fixing.
- Side and central brackets (central bracket only for boxes with height of 600 mm and 800 mm).
- Cable entry lid plus screws (only included in EXA type references).
- Ø9 mm caps for wall mounting and drainage.

Aimed at industrial environments requiring a high degree of protection against dust, splashes and impacts

Material

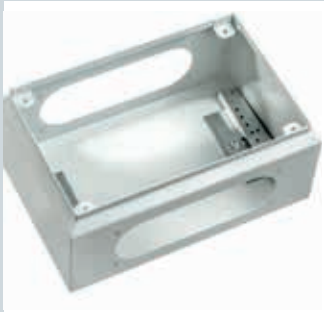
- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

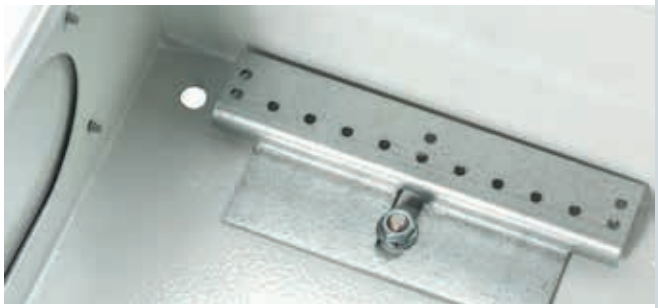
Finish

- Coated with hardened RAL 7035 Light Grey embossed polyester paint, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.



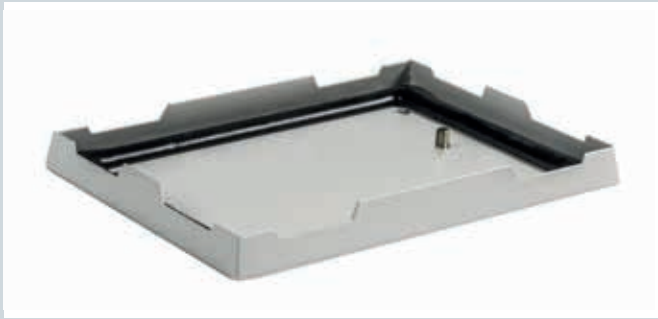
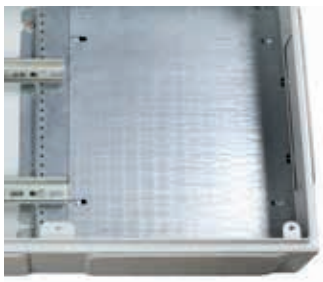


Enclosure

- Manufactured in cold-rolled steel from a single cross-shaped part.
- Sheet steel with a thickness of 1.2 mm.
- Wall-mounting by means of four Ø9 mm cut-out holes 20x20 mm located from the outside. They can also be wall-mounted by means of a bracket that leaves a gap of 11 mm (supplied as an accessory).
- Double tilt fold improving the contact with the lid to ensure the exact tightening and increasing the opening frame space of the box.
- There is a Ø9 mm drainage cut-out at the base of the box in order to prevent condensation on the inside.
- For the version of boxes with cable entry, the entry space is 65x195 mm in all references. The entry is compatible with FL21-type frame.
- M6x10 bolts, two or four pieces depending on the versions, located at the base of the box to secure the side and central brackets used to fix plates, profiles or accessories. One of the bolts can be used to earth the unit.

Mounting brackets

- The side and central mounting brackets are secured by the M6x10 bolts located in the base of the box by means of M6 nuts.
- They permit multiple rail and plate positioning combinations, adapting to the needs of the installer. These accessories will be joined by means of 4 mm sheet metal screws inserted into the existing housings in the brackets intended for this purpose.
- The boxes with a height of 150 to 500 mm have 2 side brackets.
- The boxes with a height of 600 to 800 mm have 2 side brackets plus 1 central bracket.


Lid

- The lid is totally flat, thus permitting the attachment of pilot lights, control elements or silkscreen printing of internal systems.
- The inside of the lid is coated by a injected polyurethane sealing gasket that guarantees IP66 protection against water and foreign bodies.
- M6x10 bolt for connection guaranteeing mass continuity.
- The lid is fastened with fast jackscrews with watertight caps to guarantee perfect fixing.
- Sloping sides increasing the contact with the enclosure guaranteeing the exact tightening.

Mounting plate

- Plate not included in the unit, supplied as an accessory.
- Made from galvanised sheet steel with a thickness of 2 mm.
- It is fixed to the brackets by means of 4-mm sheet metal screws.
- For bases with a central bracket, a single plate, double plate or a plate occupying half of the base may be fitted.

Hinges

- Possibility of installing hinges, both in height and width, thanks to the built-in slit incorporated both in the enclosure and cover for screw insertion. Hinges are supplied as accessories.

IP66 Terminal boxes. Rolled steel. With cable entry and screw-on lid

Reference No.	Dimensions			Opening frame space		Type	Sheet thickness		Cable entry		Plate brackets		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E		ENCL.	LID	ENT. IN A	ENT. IN B	SIDE	CENT.	kg	20	25	30	35	40
EXA3015135	300	150	135	275	125	1	1.2	1.2	1	0	2	-	2.9	17.2	21.5	25.8	30.1	34.4
EXA3020135	300	200	135	275	175	1	1.2	1.2	1	0	2	-	3.5	21.4	26.8	32.1	37.5	42.8
EXA3030135	300	300	135	275	275	1	1.2	1.2	1	1	2	-	5.0	28.1	35.1	42.2	49.2	56.2
EXA4020135	400	200	135	375	175	1	1.2	1.2	1	0	2	-	4.0	27.2	34.0	40.8	47.5	54.3
EXA4030135	400	300	135	375	275	1	1.2	1.2	1	1	2	-	5.9	35.4	44.3	53.1	62.0	70.8
EXA4040135	400	400	135	375	375	1	1.2	1.2	1	1	2	-	7.3	43.6	54.6	65.5	76.4	87.3
EXA5020135	500	200	135	475	175	1	1.2	1.2	2	0	2	-	5.3	32.9	41.2	49.4	57.6	65.8
EXA5030135	500	300	135	475	275	1	1.2	1.2	2	1	2	-	7.2	42.7	53.4	64.1	74.7	85.4
EXA6020135	600	200	135	575	175	2	1.2	1.2	2	0	2	1	6.3	38.7	48.3	58.0	67.7	77.4
EXA6030135	600	300	135	575	275	2	1.2	1.2	2	1	2	1	7.2	50.0	62.5	75.0	87.5	100.0
EXA6040135	600	400	135	575	375	2	1.2	1.2	2	1	2	1	10.5	61.3	76.6	92.0	107.3	122.6
EXA8020135	800	200	135	775	175	2	1.2	1.2	3	0	2	1	8.2	50.2	62.7	75.3	87.8	100.4
EXA8040135	800	400	135	775	375	2	1.2	1.2	3	1	2	1	13.3	79.0	98.7	118.5	138.2	158.0

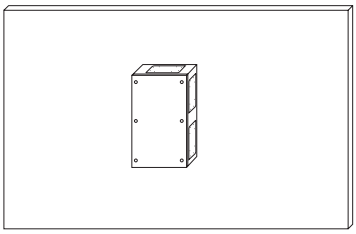
IP66 Terminal boxes. Rolled steel. With plain sides and screw-on lid

Reference No.	Dimensions			Opening frame space		Type	Sheet thickness		Plate brackets		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E		ENCL.	LID	SIDE	CENT.	kg	20	25	30	35	40
ELA151590	150	150	90	125	125	3	1.2	1.2	2	-	1.3	8.5	10.6	12.7	14.8	17.0
ELA201590	200	150	90	175	125	3	1.2	1.2	2	-	1.6	10.6	13.2	15.9	18.5	21.2
ELA202090	200	200	90	175	175	3	1.2	1.2	2	-	2.0	12.8	16.1	19.3	22.5	25.7
ELA301590	300	150	90	275	125	3	1.2	1.2	2	-	2.1	14.8	18.5	22.2	25.8	29.5
ELA302090	300	200	90	275	175	3	1.2	1.2	2	-	2.6	17.8	22.3	26.7	31.2	35.6
ELA402090	400	200	90	375	175	3	1.2	1.2	2	-	3.3	22.8	28.5	34.2	39.8	45.5
ELA1515135	150	150	135	125	125	3	1.2	1.2	2	-	1.6	10.6	13.2	15.9	18.5	21.2
ELA2015135	200	150	135	175	125	3	1.2	1.2	2	-	1.9	13.1	16.4	19.6	22.9	26.2
ELA2020135	200	200	135	175	175	3	1.2	1.2	2	-	2.4	15.7	19.6	23.5	27.4	31.3
ELA3015135	300	150	135	275	125	3	1.2	1.2	2	-	2.5	18.1	22.6	27.1	31.6	36.1
ELA3020135	300	200	135	275	175	3	1.2	1.2	2	-	3.1	21.4	26.8	32.1	37.5	42.8
ELA3030135	300	300	135	275	275	3	1.2	1.2	2	-	4.2	28.1	35.1	42.2	49.2	56.2
ELA4020135	400	200	135	375	175	3	1.2	1.2	2	-	3.8	27.2	34.0	40.8	47.5	54.3
ELA4030135	400	300	135	375	275	3	1.2	1.2	2	-	5.2	35.4	44.3	53.1	62.0	70.8
ELA4040135	400	400	135	375	375	3	1.2	1.2	2	-	6.5	43.6	54.6	65.5	76.4	87.3
ELA5020135	500	200	135	475	175	3	1.2	1.2	2	-	4.5	32.9	41.2	49.4	57.6	65.8
ELA5030135	500	300	135	475	275	4	1.2	1.2	2	-	6.1	42.7	53.4	64.1	74.7	85.4
ELA6020135	600	200	135	575	175	4	1.2	1.2	2	1	5.6	38.7	48.3	58.0	67.7	77.4
ELA6040135	600	400	135	575	375	4	1.2	1.2	2	1	9.4	61.3	76.6	92.0	107.3	122.6
ELA8020135	800	200	135	775	175	4	1.2	1.2	2	1	7.0	50.2	62.7	75.3	87.8	100.4

IP66 / NEMA 1, 4, 12.
RAL 7035 Light Grey rolled steel.
Injected polyurethane sealing gasket.
Boxes supplied without mounting plates.

UL certificate available for heights up to 600 mm.
For special boxes, check availability of UL certificate.

SEE ACCESSORIES ON PAGE 68.





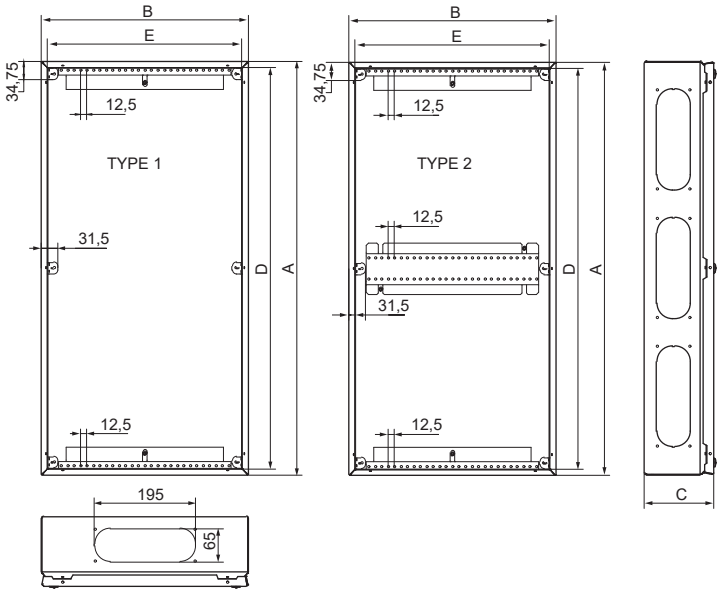
Box with plain sides



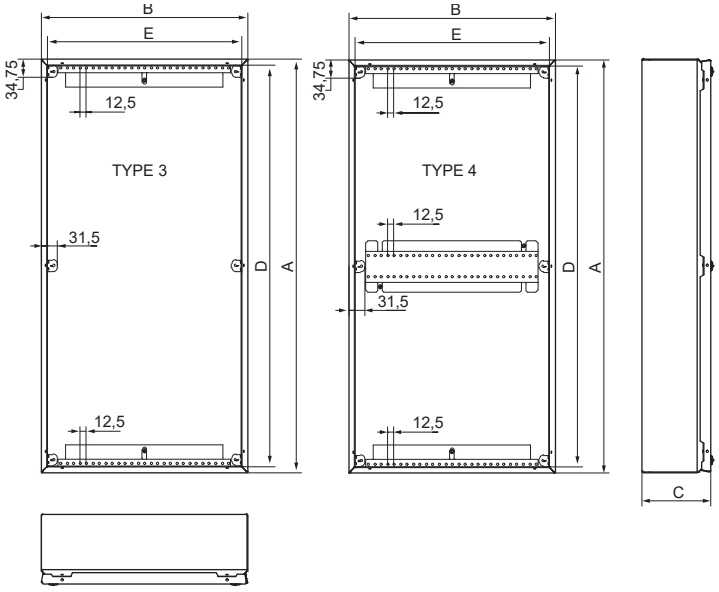
Box with cable entry

Dimensions: Tecno rolled steel

With cable entry



With plain sides



TECNO INOX

IP66 Steel terminal boxes



Product series (Stainless steel)

Standard

- AISI 304L and 316L stainless steel boxes, with plain sides and screw-on cover with depths of 90 mm and 135 mm.
- AISI 304L and 316L stainless steel hinged boxes, with plain sides and screw-on cover with depth of 135 mm.

To order

- AISI 304L and 316L stainless steel boxes with cable entry and screw-on cover with a depth of 135 mm.
- Special boxes, dimensions, cut-outs, colours, etc.

Supply

Supplied in individual packaging containing enclosure, lid and accessories bags.

- Boxes are supplied with protective film or, failing that, bagged.
- Lid and enclosure supplied unbolted.
- Screws and washers for the enclosure-lid mounting.
- Plate height adjusters, watertight caps and M6 nuts.
- Earth connection labels.

Intended for industrial environments and outdoor facilities with aggressive agents or saline environments

Recommended applications

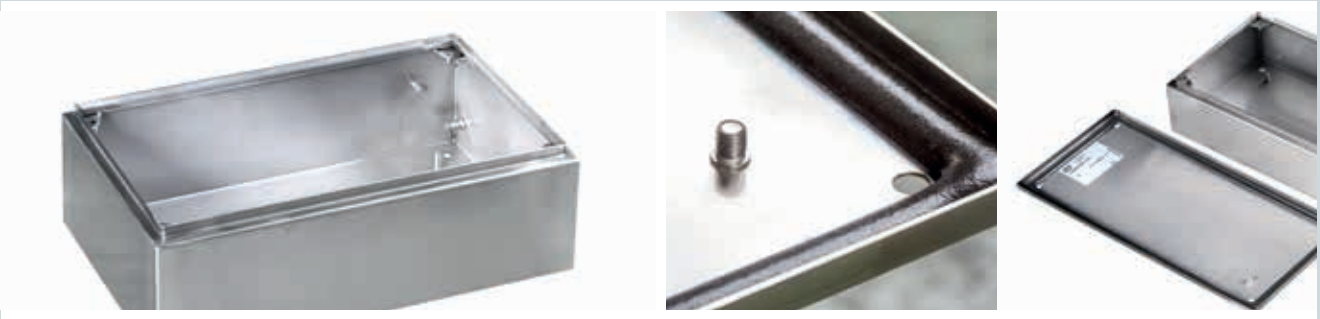
- **AISI 304L:** Industrial environments and outdoor facilities with aggressive agents or saline environments; food, chemical and petrochemical industries, where a high degree of hygiene is required.
- **AISI 316L:** All previous applications and, in addition, sea ports and areas with a high salt or chlorine concentration.

Material

- AISI 304L - AISI 316L stainless steel.
- Injected polyurethane sealing gasket.

Finish

- Scotch 320 satin finish.



Enclosure

- Manufactured in AISI 304L or 316L stainless steel from a single cross-shaped part.
- Reduced-width drainage fold and mounting wings specially designed to get the perfect fit between enclosure and lid.
- M6x22 rivet nut on one side for external earth connection.
- M6x10 earth connection bolt in both enclosure and lid.
- Four cut-out holes to attach the wall hangers (not included in the set).
- Four M6x20 bolts on the base of the box to fasten the mounting plate (not included in the set).

Lid

- The lid is totally flat, thus permitting the attachment of pilot lights, control elements
- The inside of the lid is coated by a injected polyurethane sealing gasket that guarantees the unit's IP66 protection.
- M6x10 bolt for connection guaranteeing mass continuity.
- Lid closure using stainless steel bolts and Teflon seal, thus ensuring a perfect attachment between lid and enclosure.
- The closing screw has a special design that limits its travel, guaranteeing exact tightening and the unit's degree of protection.



Mounting plate

- Plate not included in the unit, supplied as an accessory.
- Made from galvanised sheet steel with a thickness of 2 mm.
- The mounting plate is fastened with M6 nuts to the four M6x20 bolts on the base of the box.

IP66 Terminal boxes. AISI 304L stainless steel. With plain sides and screw-on lid

Reference No.	Dimensions			Opening frame space		Sheet thickness		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E	ENCL.	LID	kg	20	25	30	35	40
ELA151590/INX	150	150	90	125	125	1.2	1.2	1.2	8.20	10.30	12.30	14.40	16.40
ELA201590/INX	200	150	90	175	125	1.2	1.2	1.5	10.30	12.80	15.40	18.00	20.50
ELA202090/INX	200	200	90	175	175	1.2	1.2	2.2	12.50	15.60	18.70	21.90	25.00
ELA301590/INX	300	150	90	275	125	1.2	1.2	1.9	14.40	17.90	21.50	25.10	28.70
ELA302090/INX	300	200	90	275	175	1.2	1.2	2.8	17.40	21.70	26.00	30.40	34.70
ELA402090/INX	400	200	90	375	175	1.2	1.2	2.9	22.20	27.80	33.30	38.90	44.40
ELA1515135/INX	150	150	135	125	125	1.2	1.2	1.5	10.60	13.20	15.90	18.50	21.20
ELA2015135/INX	200	150	135	175	125	1.2	1.2	2.2	13.10	16.40	19.60	22.90	26.20
ELA2020135/INX	200	200	135	175	175	1.2	1.2	2.1	15.70	19.60	23.50	27.40	31.30
ELA3015135/INX	300	150	135	275	125	1.2	1.2	2.9	18.10	22.60	27.10	31.60	36.10
ELA3020135/INX	300	200	135	275	175	1.2	1.2	3.3	21.40	26.80	32.10	37.50	42.80
ELA3030135/INX	300	300	135	275	275	1.2	1.2	3.7	28.10	35.10	42.20	49.20	56.20
ELA4020135/INX	400	200	135	375	175	1.2	1.2	3.5	27.20	34.00	40.80	47.50	54.30
ELA4030135/INX	400	300	135	375	275	1.2	1.2	5.3	35.40	44.30	53.10	62.00	70.80
ELA4040135/INX	400	400	135	375	375	1.2	1.2	6.0	43.60	54.60	65.50	76.40	87.30
ELA5020135/INX	500	200	135	475	175	1.2	1.2	4.1	32.90	41.20	49.40	57.60	65.80
ELA5030135/INX	500	300	135	475	275	1.2	1.2	5.5	42.70	53.40	64.10	74.70	85.40

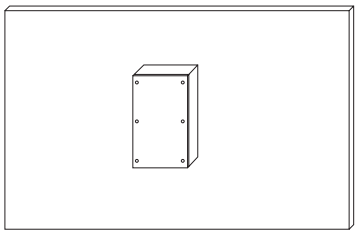
IP66 / NEMA 1, 4, 4x, 12.
AISI 304L Stainless steel. Scotch 320 satin finish.
Polyurethane sealing gasket.
Boxes supplied without mounting plates.

IP66 Terminal boxes. AISI 316L stainless steel. With plain sides and screw-on lid

Reference No.	Dimensions			Opening frame space		Sheet thickness		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E	ENCL.	LID	kg	20	25	30	35	40
ELA151590/INX-316	150	150	90	125	125	1.2	1.2	1.2	8.20	10.30	12.30	14.40	16.40
ELA201590/INX-316	200	150	90	175	125	1.2	1.2	1.5	10.30	12.80	15.40	18.00	20.50
ELA202090/INX-316	200	200	90	175	175	1.2	1.2	1.8	12.50	15.60	18.70	21.90	25.00
ELA301590/INX-316	300	150	90	275	125	1.2	1.2	1.9	14.40	17.90	21.50	25.10	28.70
ELA302090/INX-316	300	200	90	275	175	1.2	1.2	2.3	17.40	21.70	26.00	30.40	34.70
ELA402090/INX-316	400	200	90	375	175	1.2	1.2	3.1	22.20	27.80	33.30	38.90	44.40
ELA1515135/INX-316	150	150	135	125	125	1.2	1.2	1.4	10.60	13.20	15.90	18.50	21.20
ELA2015135/INX-316	200	150	135	175	125	1.2	1.2	1.8	13.10	16.40	19.60	22.90	26.20
ELA2020135/INX-316	200	200	135	175	175	1.2	1.2	2.1	15.70	19.60	23.50	27.40	31.30
ELA3015135/INX-316	300	150	135	275	125	1.2	1.2	2.3	18.10	22.60	27.10	31.60	36.10
ELA3020135/INX-316	300	200	135	275	175	1.2	1.2	2.7	21.40	26.80	32.10	37.50	42.80
ELA3030135/INX-316	300	300	135	275	275	1.2	1.2	3.7	28.10	35.10	42.20	49.20	56.20
ELA4020135/INX-316	400	200	135	375	175	1.2	1.2	3.4	27.20	34.00	40.80	47.50	54.30
ELA4030135/INX-316	400	300	135	375	275	1.2	1.2	4.7	35.40	44.30	53.10	62.00	70.80
ELA4040135/INX-316	400	400	135	375	375	1.2	1.2	5.7	43.60	54.60	65.50	76.40	87.30
ELA5020135/INX-316	500	200	135	475	175	1.2	1.2	4.9	32.90	41.20	49.40	57.60	65.80
ELA5030135/INX-316	500	300	135	475	275	1.2	1.2	5.1	42.70	53.40	64.10	74.70	85.40

IP66 / NEMA 1, 4, 4x, 12.
AISI 316L Stainless steel. Scotch 320 satin finish.
Polyurethane sealing gasket.
Boxes supplied without mounting plates.

SEE ACCESSORIES ON PAGE 68.

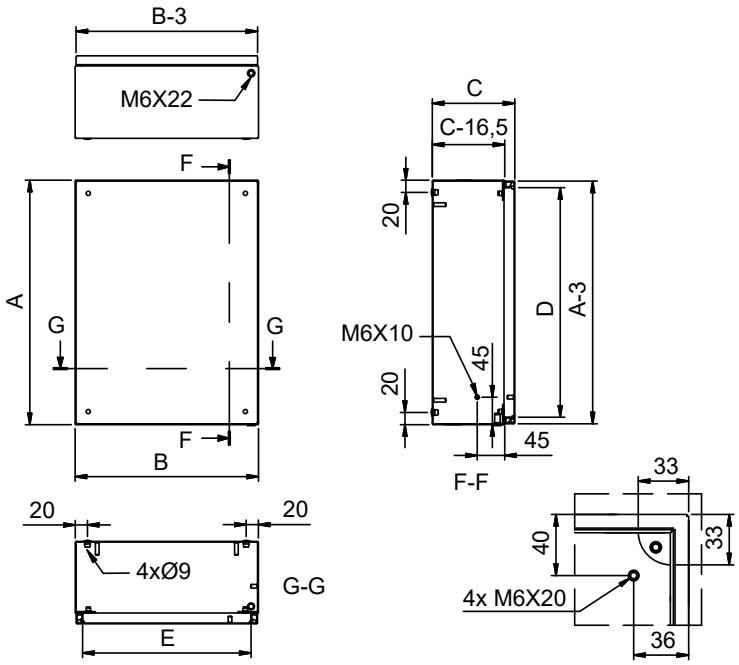




Stainless steel boxes with plain sides and screw-on lid

Dimensions: Tecno stainless steel

With plain sides and screw-on lid



IP66 Terminal boxes. AISI 304L stainless steel. With plain sides and hinged lid

Reference No.	Dimensions			Opening frame space		Sheet thickness		Weight	Power dissipation according to temperature increase ºC P(W)				
	A	B	C	D	E	ENCL.	LID	kg	20	25	30	35	40
ELAB1515135/INX	150	150	135	125	115	1.2	1.2	1.5	10.60	13.20	15.90	18.50	21.20
ELAB2015135/INX	200	150	135	175	115	1.2	1.2	2.2	13.10	16.40	19.60	22.90	26.20
ELAB2020135/INX	200	200	135	175	165	1.2	1.2	2.1	15.70	19.60	23.50	27.40	31.30
ELAB3015135/INX	300	150	135	275	115	1.2	1.2	2.9	18.10	22.60	27.10	31.60	36.10
ELAB3020135/INX	300	200	135	275	165	1.2	1.2	3.3	21.40	26.80	32.10	37.50	42.80
ELAB3030135/INX	300	300	135	275	265	1.2	1.2	3.7	28.10	35.10	42.20	49.20	56.20
ELAB4020135/INX	400	200	135	375	165	1.2	1.2	3.5	27.20	34.00	40.80	47.50	54.30
ELAB4030135/INX	400	300	135	375	265	1.2	1.2	5.3	35.40	44.30	53.10	62.00	70.80
ELAB4040135/INX	400	400	135	375	365	1.2	1.2	6.0	43.60	54.60	65.50	76.40	87.30

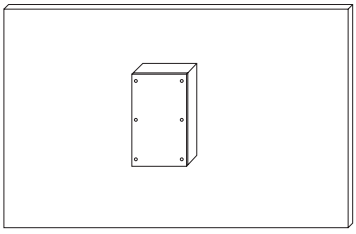
IP66 / NEMA 1, 4, 4x, 12.
AISI 304L Stainless steel. Scotch 320 satin finish.
Polyurethane sealing gasket.
Boxes supplied without mounting plates.

IP66 Terminal boxes. AISI 316L stainless steel. With plain sides and hinged lid

Reference No.	Dimensions			Opening frame space		Sheet thickness		Weight	Power dissipation according to temperature increase ºC P(W)				
	A	B	C	D	E	ENCL.	LID	kg	20	25	30	35	40
ELAB1515135/INX-316	150	150	135	125	115	1.2	1.2	1.4	10.60	13.20	15.90	18.50	21.20
ELAB2015135/INX-316	200	150	135	175	115	1.2	1.2	1.8	13.10	16.40	19.60	22.90	26.20
ELAB2020135/INX-316	200	200	135	175	165	1.2	1.2	2.1	15.70	19.60	23.50	27.40	31.30
ELAB3015135/INX-316	300	150	135	275	115	1.2	1.2	2.3	18.10	22.60	27.10	31.60	36.10
ELAB3020135/INX-316	300	200	135	275	165	1.2	1.2	2.7	21.40	26.80	32.10	37.50	42.80
ELAB3030135/INX-316	300	300	135	275	265	1.2	1.2	3.7	28.10	35.10	42.20	49.20	56.20
ELAB4020135/INX-316	400	200	135	375	165	1.2	1.2	3.4	27.20	34.00	40.80	47.50	54.30
ELAB4030135/INX-316	400	300	135	375	265	1.2	1.2	4.7	35.40	44.30	53.10	62.00	70.80
ELAB4040135/INX-316	400	400	135	375	365	1.2	1.2	5.7	43.60	54.60	65.50	76.40	87.30

IP66 / NEMA 1, 4, 4x, 12.
AISI 316L Stainless steel. Scotch 320 satin finish.
Polyurethane sealing gasket.
Boxes supplied without mounting plates.

SEE ACCESSORIES ON PAGE 68.

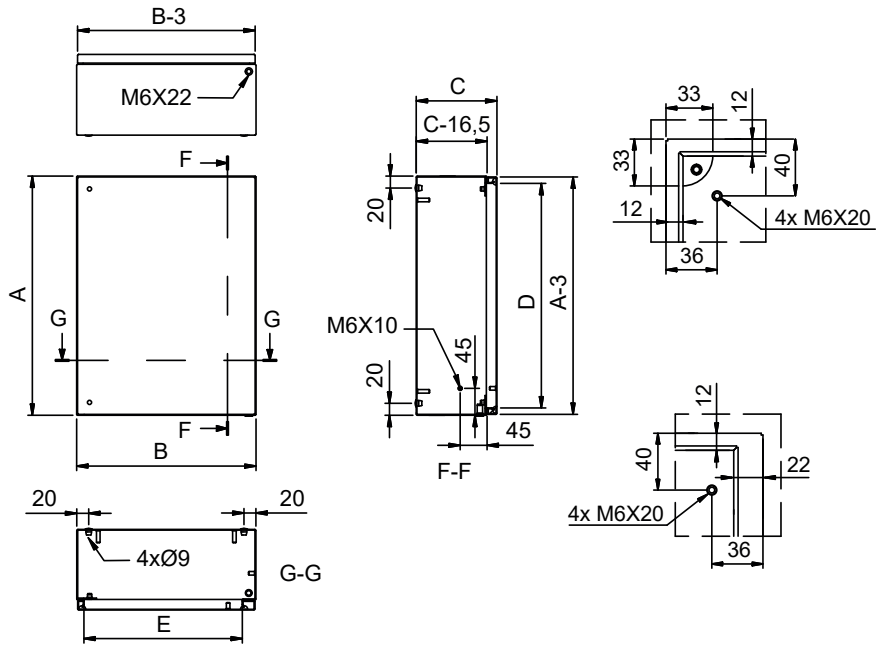




Hinged boxes in stainless steel

Dimensions: Tecno stainless steel

With plain sides and hinged boxes.



Plain metal mounting plates



Reference No.	Dimensions	For box	
	AXB	A	B
PLT1515	130x115	150	150
PLT2015	180x115	200	150
PLT2020	180x165	200	200
PLT3015	280x115	300	150
PLT3020	280x165	300	200
PLT3030	280x265	300	300
PLT4020	380x165	400	200
PLT4030	380x265	400	300
PLT4040	380x365	400	400
PLT5020	480x165	500	200
PLT5030	480x265	500	300
PLT6020	580x165	600	200
PLT6030	580x265	600	300
PLT6040	580x365	600	400
PLT8020	780x165	800	200
PLT8040	780x365	800	400

MATERIAL: Plain mounting plate in 2-mm thick galvanised steel.

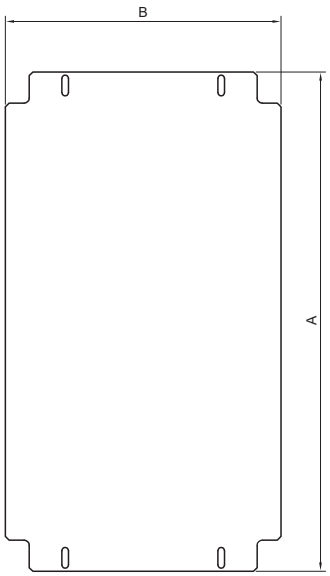
CHARACTERISTICS:

Rolled steel boxes: They are fixed to the brackets by means of 4-mm sheet metal screws (not included). For bases with a central bracket, a single plate, double plate or a plate occupying half of the base may be fitted.

Stainless steel boxes: The plate is fastened with M6 nuts to the M6x20 bolts on the base of the box (mounting accessories bag included in the box).

FOR THE FOLLOWING BOXES: ELA - EXA - ELAB.





Wall-mounting support



Ref: 48423



Ref: 48623

Reference No.	Description	Pack
48423	Zinc-plated steel wall-mounting support	4-piece pack
48623	AISI 316L Stainless steel wall-mounting support	4-piece pack

MATERIAL: Zinc-plated steel or AISI 316L stainless steel.
CHARACTERISTICS: They are attached to the rear part of the cabinet vertically or horizontally.
11-mm wall separation.
Maximum horizontal or vertical load: 490 kg.
SUPPLY: Pack of 4 supports.

FL21-type frame and lid



Frame.



Plain lid.

Reference No.	Description	Internal dimensions HEIGHT X WIDTH	Pack
TFL21	Frame 214x90	170x68	5-piece bag
TCFL21	Plain lid 214x90	-	1-piece bag

MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: FL21 frame for fitting the various inserts. Covers with entrances with membranes of various diameters for different combinations. For the full set, order the cable entry cover, the FL21 frame and the inserts. Frame and a plain lid are supplied with all the necessary screws for its installation.
IP65 protection degree.
FOR THE FOLLOWING BOXES: EXA.

Interchangeable inserts for FL21-type frame



Ref. T06



Ref. T07



Ref. T08



Ref. T09



Ref. T11 Ref. T12 Ref. T13

Reference No.	Dimensions HEIGHT	WIDTH	No. of entries ø
T06	68	68	2xM25 (8-17 mm) 2xM16 (5-10 mm)
T07	68	68	1xM32-M40-M50
T08	68	68	9x7-14 mm
T09	68	68	2x20-30 mm 2x10-20 mm
T11	34	68	2x8-17 mm
T12	34	68	2xM20 (6-13 mm)
T13	34	68	10x4-10 mm

MATERIAL: Fibreglass-reinforced polypropylene.
CHARACTERISTICS: Interchangeable inserts for FL21-type frame. IP65 protection degree.
FOR THE FOLLOWING CABINETS: GN-EXA.

ATEX





ATEX series
Wall-mounting cabinets and terminal boxes intended for use in potentially explosive atmospheres

IDE presents its ATEX certified product range, specially intended for potentially explosive atmospheres, where the degree of protection and strength must be maximised.

We offer an extensive range of ATEX certified equipment: IP66 wall-mounting cabinets (Argenta ATEX series) manufacturated in rolled steel and AISI 304L & 316L stainless steel, as well as IP66 terminal boxes (Tecno ATEX series) in AISI 316L stainless steel.

The design and manufacture of this line of products has plenty of flexibility to adapt to special applications that require specific dimensions, to suit the requirements of the user and the facilities.



ARGENTA ATEX Technical characteristics
Wall-mounting cabinets

- **Degree of protection:**
  Rolled steel cabinets: IP66 / NEMA 1, 4, 12.
  Stainless steel cabinets: IP66 / NEMA 1, 4, 4x, 12.
- **Resistance to impact:** IK10.
- **Ambient temperature range:**
  Cabinets with polyurethane sealing gasket:
  -25 ºC / +60 ºC.
  Cabinets with silicone rubber gasket:
  -55 ºC / +100 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

(See references on page 76 and 80).

TECNO ATEX Technical characteristics
Terminal boxes

- **Degree of protection:** IP66 / NEMA 1, 4, 4x, 12.
- **Resistance to impact:** IK10.
- **Ambient temperature range:**
  With silicone rubber gasket: -55 ºC / +100 ºC.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

(See references on page 88).

ARGENTA ATEX Certifications

Compliant with the 2014/34/UE directive.
Certified by LOM: Cabinets with polyurethane sealing gasket (-25 ºC / +60 ºC). UNE-EN 60079-0, UNE-EN 60079-7 and UNE-EN 60079-31 standards.
Certified by Dekra: Cabinets with silicone rubber gasket (-55 ºC / +100 ºC). CEI 60079-0, CEI 60079-7 and CEI 60079-31 standards.
II 2G - Ex eb IIC Gb.
II 2D - Ex tb IIIC Db.

TECNO ATEX Certifications

Compliant with the 2014/34/UE directive.
Certified by DEKRA: Boxes with silicone rubber gasket (-55 ºC / +100 ºC). Compliant with the CEI 60079-0, CEI 60079-7 and CEI 60079-31 standards.
II 2G - Ex eb IIC Gb.
II 2D - Ex tb IIIC Db.

ATEX

Wall-mounting cabinets and terminal boxes

Regulations for ATEX atmospheres

Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

ATEX Atmosphere

This term is used to refer to potentially explosive atmospheres, as well as to the standards regulating the use of protection equipment and systems in this type of atmosphere.

An **explosive atmosphere** is defined as any mixture, in atmospheric conditions, of air and inflammable substances in the form of gas,vapours or dust, in which, following ignition, combustion spreads to the entire uncombusted mixture.

Potentially explosive atmosphere: An atmosphere which could become explosive due to local and operational conditions.

Normal atmospheric conditions are considered as:

- Temperature between -20 ºC / +60 ºC.
- Pressure between 0.8 and 1.1 bar.

ATEX DOES NOT COVER the risk of explosion from volatile substances such as explosives, fireworks or mixtures under pressure.

ATEX Atmospheres Classification

Application	Cat./presence of pot. explosive atmospheres	Hazardous Zones	Atmosphere
GROUP I Mining	M1 and M2	Gas and Dust (G and D)	
GROUP II Industrial (non mining)	1. Continuous or frequent	Zone 0: gas and vapour	G
		Zone 20: mist and dust	D
	2. Occasional	Zone 1: gas and vapour	G
		Zone 21: mist and dust	D
	3. Short periods only	Zone 2: gas and vapour	G
		Zone 22: mist and dust	D

Classification into groups and zones under Directive 2014/34/UE.

All equipment intended for explosive atmospheres must carry a marking that indicates the areas in which it can be used and the forms of protection it offers.

Set certificate

The ATEX certificate for the ARGENTA series is a component certificate. The final unit must have an ATEX certificate and a declaration of conformity.



+

Installation of ATEX components
Electrical, pneumatic, hydraulic, etc...

Ignition temperature of GAS or DUST

THERMAL CLASS	TEMPERATURE ºC
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

GASES have an ignition temperature, and this must be known in order to select equipment with a lower temperature.

DUST has two types of ignition temperature:

MITC: Minimum Ignition Temperature for **a cloud.**

MITL: Minimum Ignition Temperature for **a layer.**

These values limit the surface temperature of equipment to: Lower than 2/3 of MITC or MITL -75°C.

IDE cannot perform temperature tests, as these depend on the components installed inside. IDE only certifies/sells the enclosure.

WHICH PARTS OF ATEX DOES IDE OFFER COMPLIANCE WITH?

Group II: NON-mining

Gases IIC (Hydrogen and similar)

Dust IIIC (Conductive dust)

Zones

GAS	DUST	FREQUENCY	CATEGORY	
1	21	Intermittent	2	We offer compliance
2	22	Occasional	3	We offer compliance
0	20	Continuous	1	We do not offer compliance

IDE Label

ATEX symbol according to the directive.

II: Equipment intended for use in places other than mines with the presence of explosive atmosphere.

2: Product category. Explosive atmospheres that cause gases, vapours and a mixture of air/dust.

GD: Gas and dust.

Ex: ATEX-compliant product.

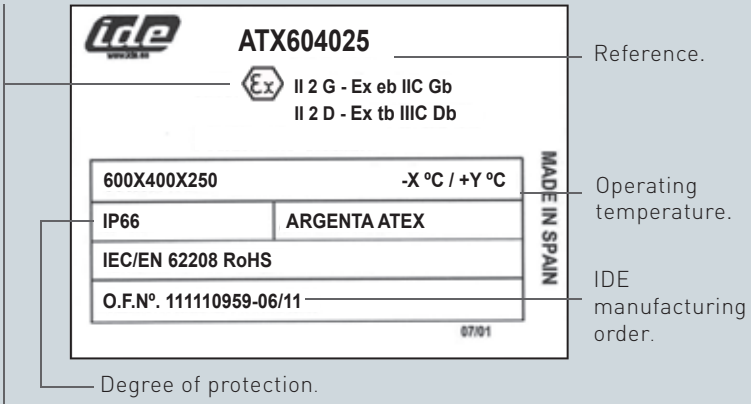
IIC: Type of gas: Hydrogen and similar.

Gb/Db: Protection from dust and gas for nonelectrical equipment. "Control of sources of ignition".

eb: Protection mode: "Increased safety".

tb: Protection mode: "Enclosure".

IIIC: Type of dust. "Conductive".



Nomenclature

Gas



EX	ATEX
eb	Increased safety
IIC	Hydrogen and similar
Gb	NON-electrical equipment

Dust



EX	ATEX
tb	Enclosure safety
IIIC	Conductive dust
Db	NON-electrical equipment

Gas and dust



EX	ATEX
II	Group 2 NON-mining
2	Categories 2 for zones 1, 21 / 2, 22
GD	Gas and dust

ARGENTA ATEX

IP66 Steel wall-mounting cabinets



Product series (Rolled steel)

Standard

- ATEX opaque door cabinets in **COLD-ROLLED STEEL** with mounting plate, and injected polyurethane sealing gasket.

To order

- ATEX opaque door cabinets in **COLD-ROLLED STEEL** without mounting plate. (Add /SP to the standard reference).
- Cabinets with silicone rubber gasket, increasing ambient temperature range up to -55 ºC / +100 ºC.

Supply

Supplied in individual packaging containing cabinet, plate and accessory bag.

Plain mounting plate:

- For cabinets with a height of up to 700 mm it is supplied unassembled inside the packaging.
- For cabinets with a height from 800 mm and above it is supplied assembled.

Accessory bag:

- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- Key.
- 4 wall-hangers.

Prepared for installation in potentially explosive atmospheres

Material

- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

Finish

- Coated with hardened RAL 7035 Light Grey epoxy polyester paint, embossed.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Painting:** Coated with hardened RAL 7035 Light Grey epoxy polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.






Enclosure

- Manufactured from a single cross-shaped part.
- Totally reversible cabinet.
- Sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1000x800 mm.
- Four M8x25 bolts at the back of the cabinet for securing plates, adjustment elements or chassis.
- M6x10 earth bolt located on the cabinet wall for joining enclosure and door by means of earth wire.
- The cabinet has a M6x22 rivet nut for exterior earthing.
- Double fold to prevent water from entering the cabinet.
- M6 rivet nuts at the base of the cabinet to attach the 4 wall hangers included in the unit (11-mm separation between enclosure and wall).

Door

- Opaque door with 110° opening.
- Concealed hinges welded to the enclosure and door.
- Opaque door sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 800x800 mm.
  2 mm for cabinets of 1000x800 mm.
- Doors supplied with continuous injected polyurethane sealing gasket, UV-ray resistant.
- Welded reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a height of 600 mm.





Locking

- 5-mm double-bit lock in chrome-plated zamak with injected sealing gasket plus key.
- A three-point rod lock is supplied in galvanised steel for cabinets with height of 1000 mm.

Mounting plate

- Flat mounting plate included in all cabinet references.
- Made from galvanised sheet steel with a thickness of 2 mm.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets

IP66 Wall-mounting cabinets. Rolled steel - ATEX

Reference No.	Cabinet dimensions			Dim. plate		Sheet thickness		No. locks	No. hinges	Reinf. prof.	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	F	G	ENCL.	DOOR				kg	20	25	30	35	40
ATX302015	300	200	150	270	150	1.2	1.2	1	2	1	4.3	19.7	24.7	29.6	34.6	39.5
ATX302515	300	250	150	270	200	1.2	1.2	1	2	1	5.1	26.2	32.8	39.4	45.9	52.5
ATX303015	300	300	150	270	250	1.2	1.2	1	2	2	5.8	29.7	37.1	44.6	52.0	59.4
ATX303020	300	300	200	270	250	1.2	1.2	1	2	2	6.5	35.0	43.7	52.5	61.2	70.0
ATX403020	400	300	200	370	250	1.2	1.2	1	2	2	8.0	43.6	54.5	65.3	76.2	87.1
ATX404020	400	400	200	370	350	1.2	1.2	1	2	2	9.8	52.8	66.0	79.2	92.4	105.6
ATX406020	400	600	200	370	550	1.2	1.2	1	2	2	14.2	71.3	89.1	106.9	124.7	142.6
ATX504020	500	400	200	470	350	1.2	1.2	2	2	2	11.9	62.9	78.7	94.4	110.1	125.8
ATX604020	600	400	200	570	350	1.2	1.2	2	2	2	13.8	73.0	91.3	109.6	127.8	146.1
ATX604025	600	400	250	570	350	1.2	1.2	2	2	2	14.8	82.1	102.6	123.1	143.6	164.1
ATX605025	600	500	250	570	450	1.2	1.5	2	2	2	18.3	95.2	118.9	142.7	166.5	190.3
ATX606025	600	600	250	570	550	1.5	1.5	2	2	2	23.5	108.2	135.3	162.4	189.4	216.5
ATX705025	700	500	250	670	450	1.5	1.5	2	2	2	23.0	107.8	134.8	161.7	188.7	215.6
ATX806030	800	600	300	770	550	1.5	1.5	2	3	2	32.0	149.2	186.5	223.7	261.0	298.3
ATX808030	800	800	300	770	750	1.5	1.5	2	3	2	40.3	183.0	228.8	274.6	320.3	366.1
ATX1008030	1000	800	300	970	750	1.5	2	3P	3	2	52.2	219.6	274.5	329.3	384.2	439.1

IP66 / NEMA 1, 4, 12.

Cold rolled steel painted RAL 7035 Light Grey.

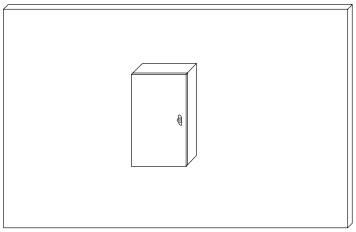
Injected polyurethane sealing gasket. Ambient temperature range: -25 ºC / +60 ºC.

3P: 3-point lock.

Quality system according to UNE/ISO IEC 80079-34. Certified by LOM 0163.

Cabinets supplied with mounting plate. For references without plate, add /SP; e.g.: ATX403020/SP. (Check availability).

Pack of 4 plate height adjusters supplied in all references, even in those without plate /SP.



SEE ACCESSORIES ON PAGE 82.



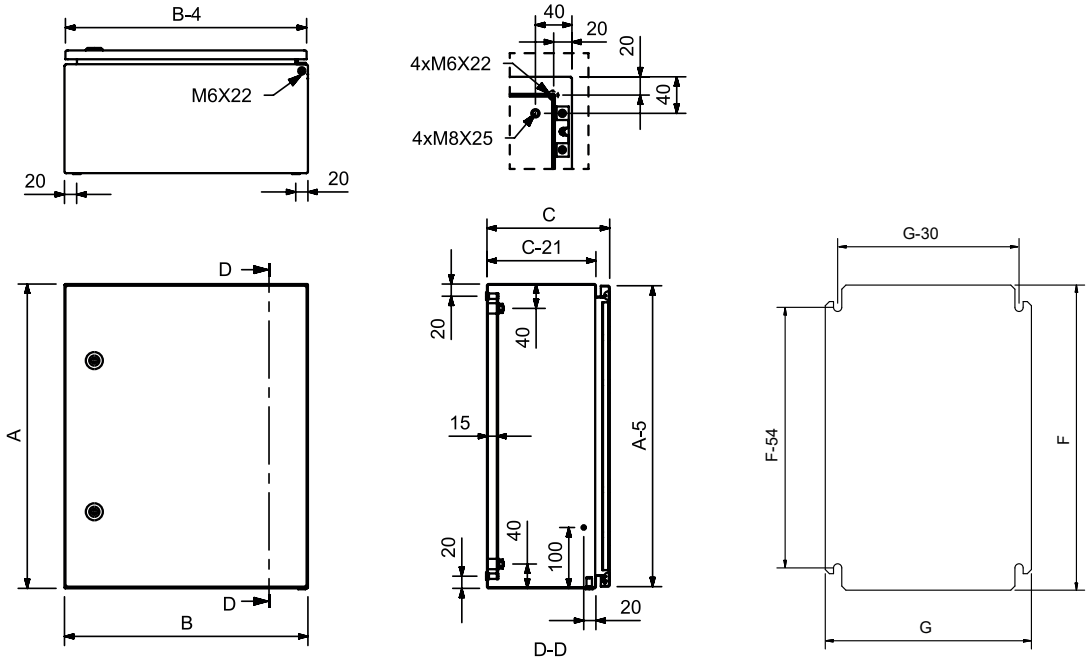
Argenta ATEX rolled steel

Maximum acceptable loads

	Total load	Door	Plate
Cabinets from 300x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 400x300x200 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x200 to 600x400x250	225 kg	25 kg	200 kg
Cabinets from 600x500x250 to 700x500x250	275 kg	25 kg	250 kg
Cabinets from 800x600x300 to 800x800x300	325 kg	25 kg	300 kg
Cabinets from 1000x800x300	390 kg	40 kg	350 kg

Dimensions: Argenta ATEX rolled steel

Single door



ARGENTA ATEX

IP66 Steel wall-mounting cabinets



Product series (Stainless steel)

Standard

- ATEX opaque door cabinets in AISI 304L and 316L **STAINLESS STEEL** with mounting plate, and injected silicone rubber gasket.

To order

- ATEX opaque door cabinets in AISI 304L and 316L **STAINLESS STEEL** without mounting plate (add /SP to the standard reference).

Supply

Supplied in individual packaging containing cabinet, plate and accessory bag.

Cabinets are supplied with protective film or, failing that, bagged.

Plain mounting plate:

- For cabinets with a height of up to 700 mm they are supplied unassembled inside the packaging.
- For cabinets with a height from 800 mm and above they are supplied assembled.

Accessory bag:

- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- Key.
- 4 wall-hangers.

Certified by the accredited organisation for use in zones 1 and 2 gas, 21 and 22 dust

Recommended applications

Environments with potentially explosive atmospheres; areas that are hazardous due to the presence of flammable gases, vapours, mists or dust in which, after ignition, there is the possibility of an explosion.

Materials

- AISI 304L and 316L stainless steel.
- Continuous injected silicone rubber gasket.

Finish

- Scotch 320 satin finish.






Enclosure

- Manufactured in stainless steel AISI 304L or 316L from a single cross-shaped part.
- Stainless steel thickness:

  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1000x800 mm.
- Four M8x25 bolts at the back of the cabinet for securing plates, adjustment elements or chassis.
- M6x15 earth bolt located on the cabinet wall for joining enclosure and door by means of earth wire.
- The cabinet has a M6x22 rivet nut for exterior earthing.
- Double fold to prevent water from entering the cabinet.
- M6 rivet nuts on the base of the cabinet for mounting the four wall hangers included in the unit (11 mm separation between enclosure and wall).
- No cable entry.

Door

- Opaque door with 110° opening.
- Concealed hinges welded to the enclosure and door.
- Opaque door stainless steel thickness:

  1.2 mm for cabinets from 300x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 800x800 mm.
  2 mm for cabinets of 1000x800 mm.
- Doors supplied with continuous injected silicone gasket, guaranteeing the IP66. This gasket ensures excellent performance when dealing with high temperatures and external agents. Thanks to the material's properties, a perfect overlap can be obtained between the beginning and the end of the silicone rubber gasket. However, this does not affect the unit's specified protection.
- Screwed reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a height of 600 mm.





Locking

- 5 mm double-bit lock in stainless steel with sealing injected gasket plus key.
- A three-point rod lock is supplied in stainless steel for cabinets with height of 1000 mm.
- Cabinets with a width of 600 mm or greater are supplied with two horizontal locks.

Mounting plate

- Flat mounting plate included in all cabinet references.
- Made from galvanised sheet steel with a thickness of 2 mm.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets

IP66 Wall-mounting cabinets. AISI 304L stainless steel - ATEX

Reference No.	Cabinet dimensions			Dim. plate		Sheet thickness		No. locks	No. hinges	Reinf. prof.	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	F	G	ENCL.	DOOR				kg	20	25	30	35	40
ATX302015/INX	300	200	150	270	150	1.2	1.2	1	2	-	4.1	19.7	24.7	29.6	34.6	39.5
ATX302515/INX	300	250	150	270	200	1.2	1.2	1	2	-	5.0	26.2	32.8	39.4	45.9	52.5
ATX303015/INX	300	300	150	270	250	1.2	1.2	1	2	-	5.5	29.7	37.1	44.6	52.0	59.4
ATX403020/INX	400	300	200	370	250	1.2	1.2	1	2	1	7.7	43.6	54.5	65.3	76.2	87.1
ATX404020/INX	400	400	200	370	350	1.2	1.2	1	2	4	9.8	52.8	66.0	79.2	92.4	105.6
ATX406020/INX	400	600	200	370	550	1.2	1.5	1+2	2	4	14.0	71.3	89.1	106.9	124.7	142.6
ATX504020/INX	500	400	200	470	350	1.2	1.2	2	2	2	11.9	62.9	78.7	94.4	110.1	125.8
ATX604020/INX	600	400	200	570	350	1.2	1.2	2	2	2	13.7	73.0	91.3	109.6	127.8	146.1
ATX605025/INX	600	500	250	570	450	1.2	1.5	2	2	2	17.9	95.2	118.9	142.7	166.5	190.3
ATX606025/INX	600	600	250	570	550	1.5	1.5	2+2	2	4	23.2	108.2	135.3	162.4	189.4	216.5
ATX705025/INX	700	500	250	670	450	1.5	1.5	2	2	2	22.6	107.8	134.8	161.7	188.7	215.6
ATX806030/INX	800	600	300	770	550	1.5	1.5	2+2	3	4	30.9	149.2	186.5	223.7	261.0	298.3
ATX808030/INX	800	800	300	770	750	1.5	1.5	2+2	3	4	39.5	183.0	228.8	274.6	320.3	366.1
ATX1008030/INX	1000	800	300	970	750	1.5	2	3P+2	3	4	58.6	219.6	274.5	329.3	384.2	439.1

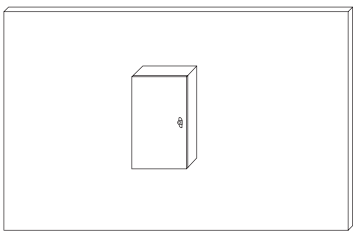
IP66 Wall-mounting cabinets. AISI 316L stainless steel - ATEX

Reference No.	Cabinet dimensions			Dim. plate		Sheet thickness		No. locks	No. hinges	Reinf. prof.	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	F	G	ENCL.	DOOR				kg	20	25	30	35	40
ATX302015/INX-316	300	200	150	270	150	1.2	1.2	1	2	-	4.1	19.7	24.7	29.6	34.6	39.5
ATX302515/INX-316	300	250	150	270	200	1.2	1.2	1	2	-	4.9	26.2	32.8	39.4	45.9	52.5
ATX303015/INX-316	300	300	150	270	250	1.2	1.2	1	2	-	5.5	29.7	37.1	44.6	52.0	59.4
ATX403020/INX-316	400	300	200	370	250	1.2	1.2	1	2	1	7.6	43.6	54.5	65.3	76.2	87.1
ATX404020/INX-316	400	400	200	370	350	1.2	1.2	1	2	4	9.8	52.8	66.0	79.2	92.4	105.6
ATX406020/INX-316	400	600	200	370	550	1.2	1.5	1+2	2	4	14.2	71.3	89.1	106.9	124.7	142.6
ATX504020/INX-316	500	400	200	470	350	1.2	1.2	2	2	2	11.7	62.9	78.7	94.4	110.1	125.8
ATX604020/INX-316	600	400	200	570	350	1.2	1.2	2	2	2	13.6	73.0	91.3	109.6	127.8	146.1
ATX605025/INX-316	600	500	250	570	450	1.2	1.5	2	2	4	18.0	95.2	118.9	142.7	166.5	190.3
ATX606025/INX-316	600	600	250	570	550	1.5	1.5	2+2	2	2+2	23.1	108.2	135.3	162.4	189.4	216.5
ATX705025/INX-316	700	500	250	670	450	1.5	1.5	2	2	2	22.4	107.8	134.8	161.7	188.7	215.6
ATX806030/INX-316	800	600	300	770	550	1.5	1.5	2+2	3	4	30.9	149.2	186.5	223.7	261.0	298.3
ATX808030/INX-316	800	800	300	770	750	1.5	1.5	2+2	3	4	39.7	183.0	228.8	274.6	320.3	366.1
ATX1008030/INX-316	1000	800	300	970	750	1.5	2	3P+2	3	4	59.4	219.6	274.5	329.3	384.2	439.1

IP66 / NEMA 1, 4, 4x, 12.
Stainless steel: Scotch 320 satin finish.
Injected silicone rubber gasket. Ambient temperature range: -55 ºC / +100 ºC.
Cabinets of with 600 mm or greater are supplied with two additional horizontal locks.

Cabinets supplied with mounting plate.
Pack of 4 plate height adjusters supplied in all references, even in those without plate /SP.

For references without plate, add /SP; e.g.: ATX403020INX/SP (Check availability).



SEE ACCESSORIES ON PAGE 82.



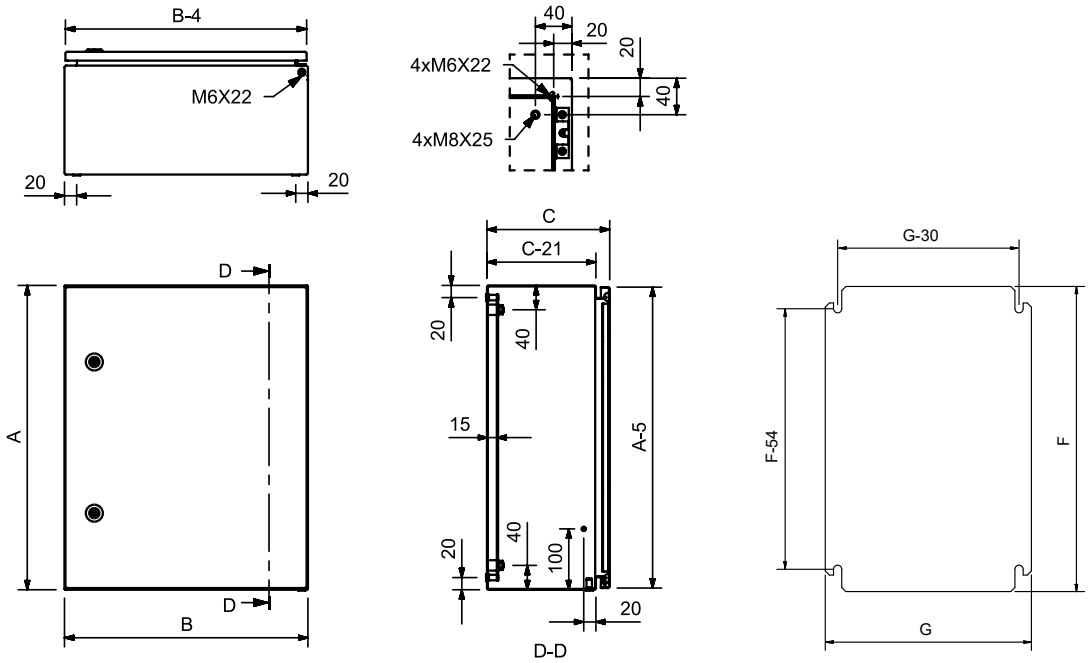
ATEX Stainless steel cabinet

Maximum acceptable loads

	Total load	Door	Plate
Cabinets from 300x200x150 to 300x300x200	150 kg	25 kg	125 kg
Cabinets from 400x300x200 to 400x300x200	175 kg	25 kg	150 kg
Cabinets from 400x400x200 to 600x400x200	225 kg	25 kg	200 kg
Cabinets from 600x500x250 to 700x500x250	275 kg	25 kg	250 kg
Cabinets from 800x600x300 to 800x800x300	325 kg	25 kg	300 kg
Cabinets of 1000x800x300	390 kg	40 kg	350 kg

Dimensions: Argenta ATEX stainless steel

Single door



ARGENTA ATEX

IP66 Steel wall-mounting cabinets accessories

Plain metal mounting plates



To prevent cuts during use, plates have rounded sharp edges.

Reference No.	Dimensions	Plate thickness	Folds		For cabinet	
	HEIGHT X WIDTH	mm	HORIZ.	VERT.	HEIGHT	WIDTH
PL3020	270x150	2	-	-	300	200
PL3025	270x200	2	-	-	300	250
PL3030	270x250	2	-	-	300	300
PL4030	370x250	2	-	-	400	300
PL4040	370x350	2	-	-	400	400
PL4060	370x550	2	2	-	400	600
PL5040	470x350	2	-	-	500	400
PL6040	570x350	2	-	2	600	400
PL6050	570x450	2	-	2	600	500
PL6060	570x550	2	2	2	600	600
PL7050	670x450	2	-	2	700	500
PL8060	770x550	2	2	2	800	600
PL8080	770x750	2	2	2	800	800
PL10080	970x750	2	2	2	1000	800

MATERIAL: 2-mm thick galvanised steel.

CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference (including cabinets without plate /SP). Reference No. 48228 (see below).

FOR THE FOLLOWING CABINETS: GN - ATX - INX.

Plain insulating mounting plates



Reference No.	Dimensions	Plate thickness	For cabinet	
	HEIGHT X WIDTH	mm	HEIGHT	WIDTH
PLB3020	270x150	3	300	200
PLB3025	270x200	3	300	250
PLB3030	270x250	3	300	300
PLB4030	370x250	3	400	300
PLB4040	370x350	3	400	400
PLB4060	370x550	3	400	600
PLB5040	470x350	3	500	400
PLB6040	570x350	4	600	400
PLB6050	570x450	4	600	500
PLB6060	570x550	4	600	600
PLB7050	670x450	4	700	500
PLB8060	770x550	4	800	600
PLB8080	770x750	4	800	800
PLB10080	970x750	5	1000	800

MATERIAL: Bakelite.

CHARACTERISTICS: Pack of 4 height adjusters plus 4 anti-twist bolts for assembling the plate supplied with the cabinet reference (including cabinets without plate /SP). Reference No. 48228 (see below).

FOR THE FOLLOWING CABINETS: GN - ATX - INX.

Plate height adjuster



Reference No.	Description	Pack
48228	Plate height adjuster	4-piece pack

MATERIAL: Rubber.

CHARACTERISTICS: It is supplied in all cabinet references (including cabinets without plate /SP).

SUPPLY: Pack of 4 plate height adjusters + 4 anti-twist nuts.

FOR THE FOLLOWING CABINETS: GN - ATX - INX.

Height adjustment element



Reference No.	For cabinet depth (mm)	Pack
SP150	150	4-piece pack
SP200	200	4-piece pack
SP250	250	4-piece pack
SP300	300	4-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Height adjustment element for mounting plates.
Height adjustment in increments of 12.5 mm.
Required for the assembly of the inner doors.
SUPPLY: Pack of 4 adjustable supports.
FOR THE FOLLOWING CABINETS: GN - ATX - INX.

Modular chassis (rolled steel)



Reference No.	No. of modules	Rows	For cabinet		
			HEIGHT	WIDTH	DEPTH
CH3025/1520	16	2x8	300	250	150/200
CH3030/1520	22	2x11	300	300	150/200
CH4030/1520	33	3x11	400	300	150/200
CH4040/1520	45	3x15	400	400	150/200
CH4060/1520	78	3x26	400	600	150/200
CH5040/1520	48	3x16	500	400	150/200
CH6040/1520	64	4x16	600	400	150/200
CH6040/2530	64	4x16	600	400	250/300
CH6060/2530	104	4x26	600	600	250/300
CH7050/2530	110	5x22	700	500	250/300
CH8060/2530	128	4x26 + 1x24	800	600	250/300
CH8080/2530	190	5x38	800	800	250/300
CH10080/2530	228	6x38	1000	800	250/300

MATERIAL: Frame: Galvanised steel. Chassis lid: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Includes frame, chassis lid, locking screws and height adjusters. It also includes two holes at the front to apply the knob handle (Ref. 48545), and one hole at the side to run the earth wire.
Hermetic caps are supplied to cover the holes in case not used.
Bag of assembly accessories included.
FOR THE FOLLOWING CABINETS: GN - INX - ATX.

Modular chassis (stainless steel)



Reference No.	No. of modules	Rows	For cabinet		
			HEIGHT	WIDTH	DEPTH
INXCH3025/1520	16	2x8	300	250	150
INXCH4030/1520	33	3x11	400	300	200
INXCH5040/1520	48	3x16	500	400	200
INXCH6040/1520	64	4x16	600	400	200
INXCH6060/2530	104	4x26	600	600	250
INXCH7050/2530	110	5x22	700	500	250
INXCH8060/2530	128	4x26 + 1x24	800	600	300
INXCH8080/2530	190	5x38	800	800	300
INXCH10080/2530	228	6x38	1000	800	300

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish.
CHARACTERISTICS: Includes frame, chassis lid, locking screws and height adjusters.
Bag of assembly accessories included.
FOR THE FOLLOWING CABINETS: INX - ATX.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets accessories

Inner door (rolled steel)



Reference No.	Dimensions	For cabinet	
	HEIGHT X WIDTH	HEIGHT	WIDTH
PIN3025	237x195	300	250
PIN3030	237x245	300	300
PIN4030	337x245	400	300
PIN4040	337x345	400	400
PIN4060	337x545	400	600
PIN5040	537x345	500	400
PIN6040	537x445	600	400
PIN6050	537x545	600	500
PIN6060	637x445	600	600
PIN7050	737x745	700	500
PIN8060	937x745	800	600
PIN8080	750x750	800	800
PIN10080	950x750	1000	800

For the installation of the inner door, the depth support profile (type PBR) must be ordered according to the depth of the enclosure (see references on page 40).

MATERIAL: Cold rolled steel painted RAL 7035 Light Grey.
CHARACTERISTICS: It is supplied with the same lock type as the standard door: 5-mm double-bit lock.
Reversible hinges and 90° opening.
Possibility of simultaneous assembly of inner door and mounting plate.
Possibility of installing knob handle; Ref. 48545 (see page 41).
It is not compatible with the assembly of a door retainer or switch.
FOR THE FOLLOWING CABINETS: GN - ATX.

Inner door (stainless steel)



Reference No.	Dimensions	For cabinet	
	HEIGHT X WIDTH	HEIGHT	WIDTH
INXPIN3025	237x195	300	250
INXPIN3030	237x245	300	300
INXPIN4030	337x245	400	300
INXPIN4040	437x345	400	400
INXPIN5040	537x345	500	400
INXPIN6040	537x445	600	400
INXPIN6050	537x545	600	500
INXPIN6060	737x545	600	600
INXPIN7050	737x745	700	500
INXPIN8060	937x745	800	600
INXPIN8080	750x750	800	800
INXPIN10080	950x750	1000	800

For the installation of the inner door, the depth support profile (type PBR) must be ordered according to the depth of the enclosure (see references on page 40).

MATERIAL: AISI 304L stainless steel. Scotch 320 satin finish. Check availability for doors AISI 316L.
CHARACTERISTICS: It is supplied with the same lock type as the standard door: 5-mm double-bit lock.
Reversible hinges and 90° opening.
Possibility of simultaneous assembly of inner door and mounting plate.
It is not compatible with the assembly of a door retainer or switch.
FOR THE FOLLOWING CABINETS: INX - ATX/INX.

Profile for deep bracket



Reference No.	For cabinet prof. (mm)
PB150	150
PB200	200
PB250	250
PB300	300
PB400	400

MATERIAL: Galvanised steel.
CHARACTERISTICS: To be installed in any part of the cabinet perimeter.
SUPPLY: 1-piece pack + screws.

Maximum permissible loads

Placement	Nº of profiles	Total load
Vertical placement	1 profile	3 kg (maximum at 7 cm from the profile)
	2 profiles	20 kg (maximum at 7 cm from the profile)
Horizontal placement	1 profile	3 kg (load centered on vertical axis with the profile)
	2 profiles	Not recommended
Plate fixation	4 profiles	100 kg

Profiles for doors



Reference No.	For door width (mm)	Type	Pack
PMP300	300	1	1-piece pack
PMP400	400	1	1-piece pack
PMP500	500	1	1-piece pack
PMP600	600	1	1-piece pack
PMP800	800	1	1-piece pack
PMP1000	1000	2	1-piece pack
PMP1200	1200	2	1-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Profile for fixing directly to the door. Fitting screws included.
They facilitate installation of the door's inside elements.
Type 1: Single door height≤800; For double doors, install on door without lock.
Type 2: Single door height≥1000; For double doors, install on door with lock.
SUPPLY: Pack of 1 piece + screws.
FOR THE FOLLOWING CABINETS: GN - ATX.

ATEX standard locks



Ref. 48405



Ref. 48406

Reference No.	Description
48405	1P ATEX 5-mm double-bit lock
48406	3P ATEX 5-mm double-bit lock (without rods)

CHARACTERISTICS: Made of chrome-plated zamak, with injected sealing gasket.
1P Locks: For cabinets with a height of up to 800 mm.
3P Locks: For cabinets as of a height of 1000 mm. Does not include rods for 3P lock.
Locks for installation in ATEX cabinets (rolled steel).
5-mm double-bit key in polyamide / zamak not included (Ref. 48449 / 48460) (see page 50).

ATEX-INOX standard locks



Ref. 48400



Ref. 48401

Reference No.	Description
48400	1P AISI 316L stainless steel 5-mm double-bit lock
48401	3P AISI 316L stainless steel 5-mm double-bit lock (without rods)

CHARACTERISTICS: Made of AISI 316L stainless steel.
1P Locks: For cabinets with a height of up to 800 mm.
3P Locks: For cabinets as of a height of 1000 mm. Does not include rods for 3P lock.
Locks for installation in INOX-ATEX cabinets (stainless steel).
5-mm double-bit key in polyamide / zamak not included (Ref. 48449 / 48460) (see page 50).

TECNO ATEX

IP66 Steel terminal boxes



Product series (Stainless steel)

Standard

- **AISI 316L STAINLESS STEEL ATEX** boxes, with plain sides and screw-on cover, with injected silicone rubber gasket, and 135-mm depth.

To order

- **AISI 316L STAINLESS STEEL ATEX** boxes, with cable entry and screw-on cover, with injected silicone rubber gasket, and 135-mm depth.
- Special boxes, dimensions, cut-outs, colours, etc.

Supply

Supplied in individual cardboard packaging containing enclosure, lid and accessories bag.

- Boxes are supplied with protective film or, failing that, bagged.
- Lid and enclosure supplied unbolted.
- Screws and washers for the enclosure-lid mounting.
- Plate is supplied unassembled.
- Plate height adjusters and M6 nuts.
- Four wall hangers.
- Earth connection labels.

Compact and robust, they are available in AISI 304L and 316L stainless steel

Recommended applications

Environments with potentially explosive atmospheres; areas that are hazardous due to the presence of flammable gases, vapours, mists or dust in which, after ignition, there is the possibility of an explosion.

Material

- AISI 304L or 316L stainless steel.
- Injected silicone sealing gasket.

Finish

- Scotch 320 satin finish.





Enclosure

- Manufactured in AISI 304L or 316L stainless steel from a single cross-shaped part, with a thickness of 1.2 mm.
- Reduced-width drainage fold and mounting wings specially designed to get the perfect fit between enclosure and lid.
- M6x10 earth connection bolt in both enclosure and lid.
- Four M6x22 rivet nuts on the base of the box for mounting the four wall hangers included in the unit (11 mm separation between enclosure and wall).
- Four M6x20 bolts on the base to attach to the mounting plate.
- M6x22 earth connection rivet nut on the side.

Lid

- The lid is totally flat, thus permitting the attachment of pilot lights, control elements or silkscreen printing of internal systems.
- The inside of the lid is coated by a injected silicone rubber gasket that guarantees IP66 protection. This seal ensures excellent performance when dealing with high temperatures and external agents. Due to the properties of the material, it is impossible to obtain a perfect joint between the two ends of the silicone seal, but this does not affect the protection specified for the unit.
- M6x10 bolt for connection guaranteeing mass continuity.
- The lid is closed with stainless steel screws with teflon gasket, guaranteeing perfect attachment between cover and enclosure.
- The closing screw has a special design that limits its travel, guaranteeing exact tightening and the unit's degree of protection.





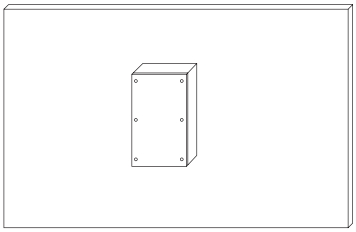
Mounting plate

- Plate is included in the unit.
- Made from galvanised sheet steel with a thickness of 2 mm.
- The mounting plate is fastened with M6 nuts to the four M6x20 bolts on the base of the box.

IP66 Terminal boxes. AISI 316L stainless steel - ATEX
With plain sides and screw-on lid

Reference No.	Cabinet dimensions			Opening frame space		Hanger distance		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	E	X	Y	kg	20	25	30	35	40
ELATX1515135/INX-316	150	150	135	100	125	110	110	1.9	10.60	13.20	15.90	18.50	21.20
ELATX2015135/INX-316	200	150	135	150	125	160	110	2.4	13.10	16.40	19.60	22.90	26.20
ELATX2020135/INX-316	200	200	135	150	175	160	160	3.0	15.70	19.60	23.50	27.40	31.30
ELATX3015135/INX-316	300	150	135	250	125	260	110	3.2	18.10	22.60	27.10	31.60	36.10
ELATX3020135/INX-316	300	200	135	250	175	260	160	3.4	21.40	26.80	32.10	37.50	42.80
ELATX3030135/INX-316	300	300	135	250	275	260	260	5.2	28.10	35.10	42.20	49.20	56.20
ELATX4020135/INX-316	400	200	135	375	150	360	160	4.6	27.20	34.00	40.80	47.50	54.30
ELATX4030135/INX-316	400	300	135	375	250	360	260	6.0	35.40	44.30	53.10	62.00	70.80
ELATX4040135/INX-316	400	400	135	350	350	360	360	7.1	43.60	54.60	65.50	76.40	87.30

IP66 / NEMA 1, 4, 4x, 12.
AISI 316L Stainless steel. Scotch 320 satin finish.
Injected silicone rubber gasket. Ambient temperature range: -55 ºC / +100 ºC.
Boxes supplied with mounting plates.



Plain metal mounting plates



Plate type PLT



Plate type PLTA

Reference No.	Dimensions		For box	
	F	G	HEIGHT	WIDTH
PLT1515	130	115	150	150
PLT2015	180	115	200	150
PLT2020	180	165	200	200
PLT3015	280	115	300	150
PLT3020	280	165	300	200
PLT3030	280	165	300	300
PLTA4020	370	145	400	200
PLTA4030	370	245	400	300
PLTA4040	370	345	400	400

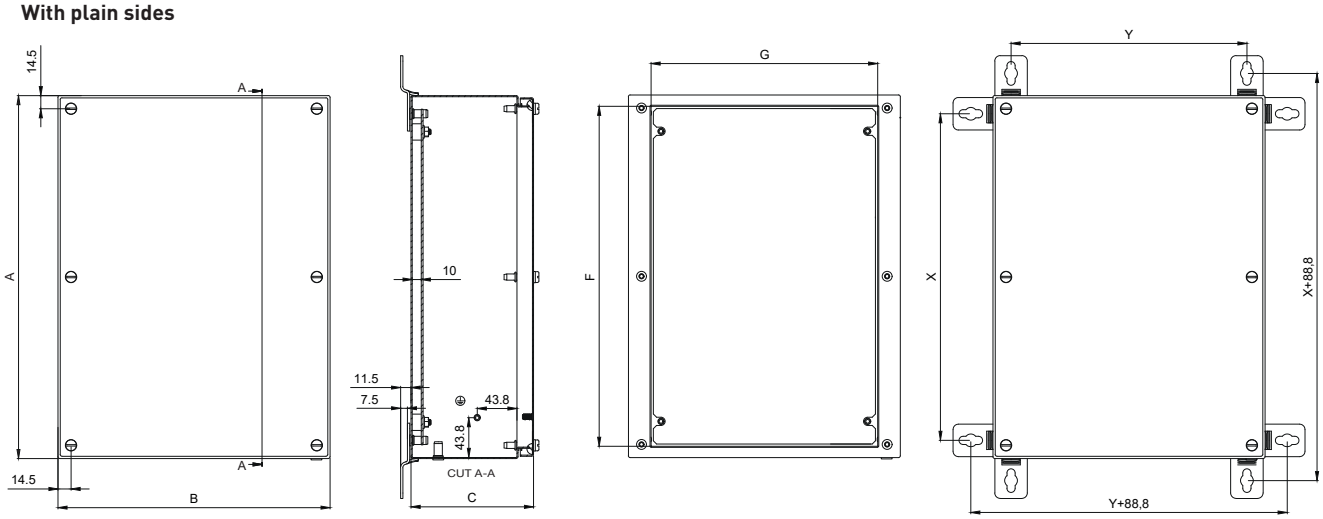
MATERIAL: Plain mounting plate in 2-mm thick galvanised steel.
CHARACTERISTICS: The plate is fastened with M6 nuts to the M6x20 bolts on the base of the box (plate and accessory bag are included in the terminal box).
FOR THE FOLLOWING BOXES: ELATX.



ATEX stainless steel boxes

Dimensions: Tecno ATEX stainless steel

With plain sides



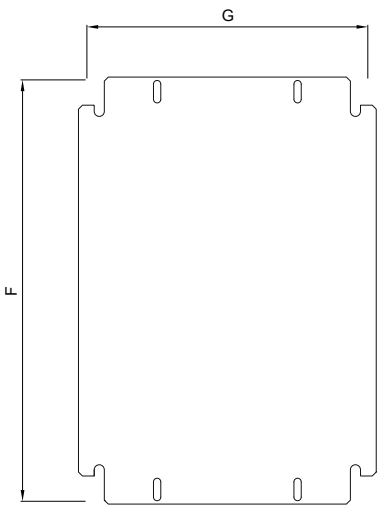


Plate type PLT

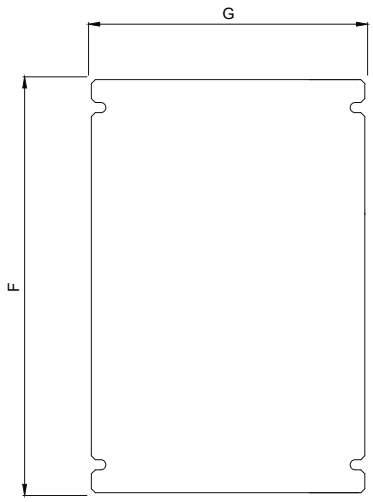


Plate type PLTA

GLASS

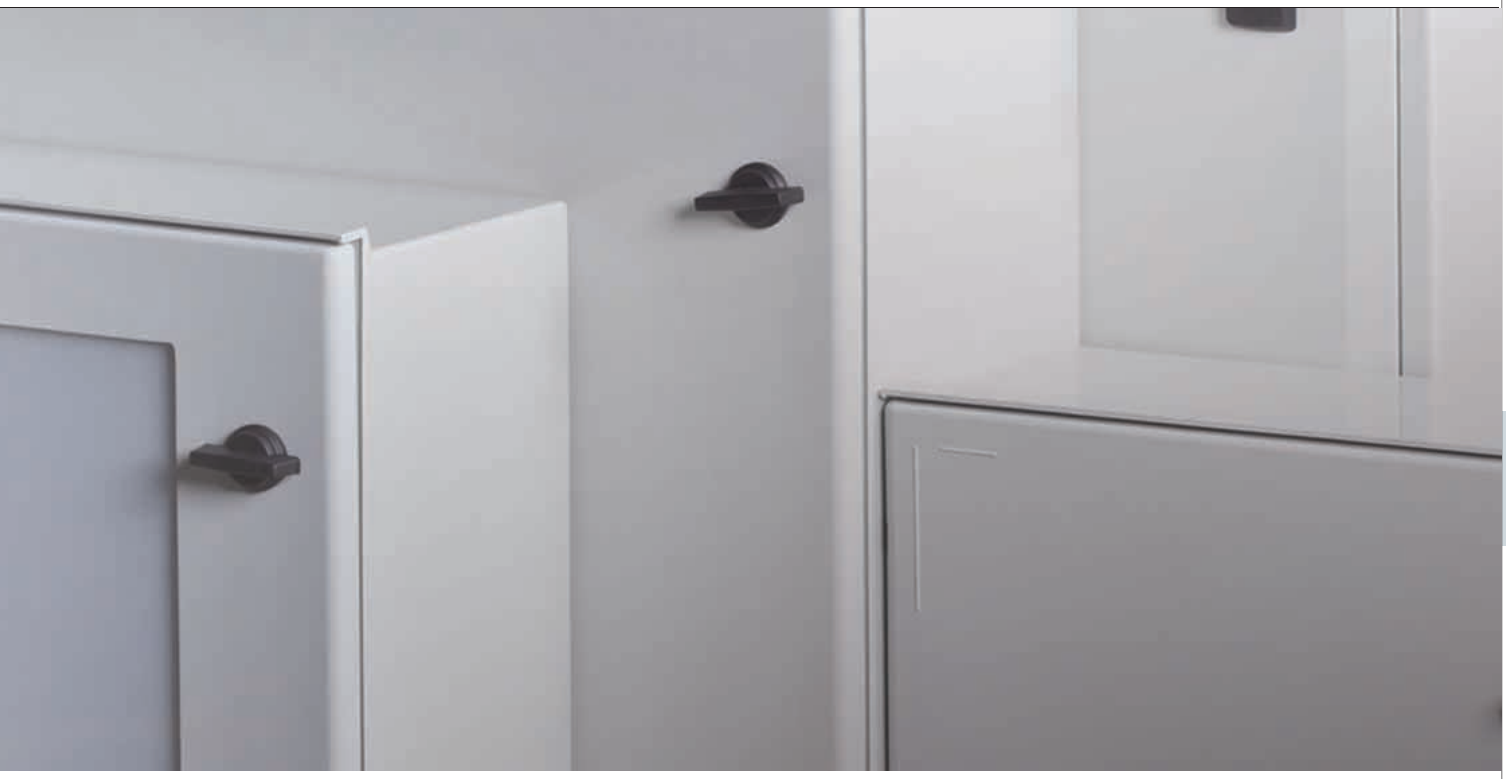




IP66-IP55 Polyester wall-mounting cabinets

This series is comprised of a set of cabinets made of hot-pressed polyester reinforced with halogen-free fibreglass that deliver a really high level of performance.

With IP66-IP55 protection, they are designed especially for the food, chemical and pharmaceutical industries and outdoor processing centres due to their durability and resistance to chemical agents.



GLASS Technical characteristics

- **Degree of protection:**
  Cabinets from a height of 300 mm to 800 mm: IP66.
  Cabinets from a height of 500 mm to 1250 mm: IP55.
- **Resistance to impact:**
  Opaque door: IK10.
  Transparent door: IK08.
- **Ambient temperature range:** -30 ºC / +60 ºC.
- **Test of resistance to glow wire:** 960 °C.
- **Thermal class:** A 150 °C.
- **Double insulation:** Class II.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

GLASS Certifications

Compliant with the Low Voltage Directive 2014/35/EU.

Standards: UNE-EN 62208 and UNE-EN 61439-1-3 (as applicable).

GLASS

IP66-IP55 Polyester wall-mounting cabinets



Material

Fibreglass-reinforced hot-pressed polyester.

Main characteristics:

- Halogen-free.
- Non-hygroscopic (zero water absorption).
- Double insulation.
- Corrosion-resistant.

Polyester finish

RAL 7035 Light Grey.

Product series

Standard

- IP66 cabinets with opaque and transparent door:
  Height: 300 - 400 - 500 - 600 - 800 mm.
  Width: 250 - 300 - 400 - 500 - 600 mm.
  Depth: 140 - 200 - 230 - 300 mm.
- IP55 cabinets with opaque door.
  IP55 cabinets open at the bottom.
  IP55 cabinets with canopy.
  Height: 500 - 750 - 1000 - 1250 mm.
  Width: 500 - 750 - 1000 - 1250 mm.
  Depth: 300 - 420 mm.

Cabinets supplied without mounting plate.

To order

- Special cabinets, dimensions, cut-outs, colours, etc.

Supply

IP66 cabinets (from a height of 300 mm to 800 mm)

- Supplied in individual packaging.
- The accessories for fitting the mounting plate are fitted on the cabinet. Plate supplied in individual packaging if requested as an accessory.
- Key.

IP55 cabinets (from a height of 500 mm to 1250 mm)

- Supplied individually shrink-wrapped and protected with cardboard at top and bottom.
- The accessories for fitting the mounting plate are fitted on the cabinet. Plate supplied in individual packaging if requested as an accessory.
- Key.

Recommended applications

Industrial environments and outdoor facilities, chemical and pharmaceutical industries, transformer sub-stations and outdoor areas where durability and resistance against chemicals and UV rays are necessary.



IP66 cabinets with transparent door



IP55 cabinets with bottom opening



IP55 cabinets with canopy






Enclosure

IP66 cabinets (from a height of 300 mm to 800 mm)

- Compact enclosure with plain walls, thus optimising space and resistance.
- Lid that guarantees 180° door opening in flush-fit installations, preventing water from entering when the door is opened and guaranteeing flush installation with the surface.
- Quick-fixture guides for M6 screws for fitting accessories without having to drill holes.
- Wall-mounting with head-insulated screws or adjustable brackets (supplied as accessories).

IP55 cabinets (from a height of 500 mm to 1250 mm)

- Top-locking modules with flat lid.
- Two depths available, 300 mm and 420 mm, to cover all requirements.
- They are also available open at the bottom and with canopy.
- Two fixing possibilities by means of brackets made of galvanised steel or plinth (supplied as accessories).

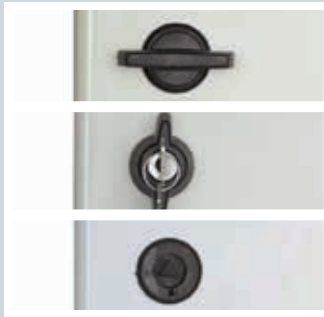
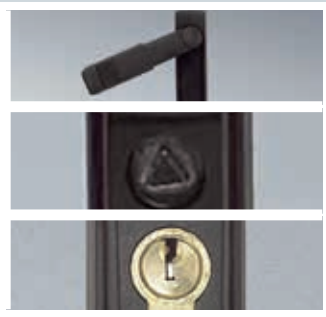
Door

IP66 cabinets (from a height of 300 mm to 800 mm)

- Possibility of opaque or transparent door with 180° opening.
- Opaque doors: Permits the installation of switchgear on the inside. They feature vertical jigs to facilitate machining and to guarantee proper switchgear placement.
- Transparent doors: When combined with a chassis mounting plate and/or inner door they allow you to see the status of the switchgear, while still maintaining IP.
- Internal hinges made of Zamak.

IP55 cabinets (from a height of 500 mm to 1250 mm)

- Available with opaque door.
- Inner hinges that permit 105° opening.



Locks

IP66 cabinets (from a height of 300 mm to 800 mm)

- Standard double-bit 3-mm DIN lock.
- Different locking and interlocking systems supplied as accessories.

IP55 cabinets (from a height of 500 mm to 1250 mm)

- Standard 3-mm, 3-point double-bit insert lock with retractable handle.
- Other types of locks supplied as accessories.

Mounting plate

IP66 cabinets (from a height of 300 mm to 800 mm)

- Mounting plates available:
  4-mm thick polyester.
  2-mm thick galvanised steel sheet.
  4-mm thick insulating Bakelite.
  Plate adjustment pack available for depths 200, 230 and 300 mm.
- Mounting plates supplied as accessory.

IP55 cabinets (from a height of 500 mm to 1250 mm)

- Mounting plates available:
  4-mm thick polyester.
  2 and 3-mm thick galvanised metal.
  Plate adjustment pack available for both depths, 300 and 420 mm.
- Mounting plates supplied as accessory.

IP66 Wall-mounting cabinets. Polyester. Opaque single-door

Reference No.	Dimensions			Polyester thickness		No. locks	No. hinges	Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	ENCL.	LID			E	F	kg	20	25	30	35	40
POL302514	300	250	140	2.5	2.7	1	2	248	215	2.0	16.1	20.1	24.1	28.1	32.1
POL403020	400	300	200	2.8	2.8	2	2	338	262	3.7	27.7	34.7	41.6	48.5	55.4
POL404020	400	400	200	2.8	2.8	2	2	338	362	4.6	33.6	42.0	50.4	58.8	67.2
POL504020	500	400	200	2.8	2.8	2	2	438	362	5.5	40.0	50.1	60.1	70.1	80.1
POL604023	600	400	230	3	3	2	2	538	362	7.4	49.9	62.4	74.9	87.4	99.8
POL605023	600	500	230	3	3	2	2	538	462	8.2	58.1	72.6	87.1	101.6	116.1
POL806030	800	600	300	3	3	2	3	734	558	13.1	94.9	118.7	142.4	166.1	189.8
POL8010030	800	1000	300	3	3	4	4	709	958	17.2	138.0	172.6	207.1	241.6	276.1
POL1008030	1000	800	300	3	3	4	4	958	709	17.2	139.7	174.7	209.6	244.5	279.4

Cabinets supplied without mounting plate.

IP66 Wall-mounting cabinets. Polyester. Transparent single-door

Reference No.	Dimensions			Polyester thickness		No. locks	No. hinges	Door with transparent panel		Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	ENCL.	LID			K	J	E	F	kg	20	25	30	35	40
POL302514PT	300	250	140	2.5	2.7	1	2	220	115	248	215	2.0	16.1	20.1	24.1	28.1	32.1
POL403020PT	400	300	200	2.8	2.8	2	2	281	121	338	262	3.7	27.7	34.7	41.6	48.5	55.4
POL404020PT	400	400	200	2.8	2.8	2	2	281	221	338	362	4.6	33.6	42.0	50.4	58.8	67.2
POL504020PT	500	400	200	2.8	2.8	2	2	381	221	438	362	5.5	40.0	50.1	60.1	70.1	80.1
POL604023PT	600	400	230	3	3	2	2	481	221	538	362	7.4	49.9	62.4	74.9	87.4	99.8
POL605023PT	600	500	230	3	3	2	2	481	321	538	462	8.2	58.1	72.6	87.1	101.6	116.1
POL806030PT	800	600	300	3	3	2	3	681	421	734	558	13.1	94.9	118.7	142.4	166.1	189.8

Cabinets supplied without mounting plate.

IP66 Wall-mounting cabinets. Polyester. Opaque single-door. With plate

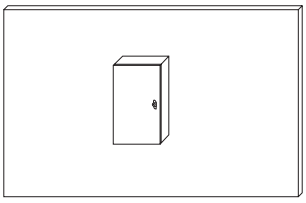
Reference No.	Dimensions			Polyester thickness		No. locks	No. hinges	Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	ENCL.	LID			E	F	kg	20	25	30	35	40
POL302514/CP	300	250	140	2.5	2.7	1	2	248	215	2.8	16.1	20.1	24.1	28.1	32.1
POL403020/CP	400	300	200	2.8	2.8	2	2	338	262	5.1	27.7	34.7	41.6	48.5	55.4
POL504020/CP	500	400	200	2.8	2.8	2	2	438	362	8.0	40.0	50.1	60.1	70.1	80.1
POL604023/CP	600	400	230	3	3	2	2	538	362	10.5	49.9	62.4	74.9	87.4	99.8
POL605023/CP	600	500	230	3	3	2	2	538	462	12.2	58.1	72.6	87.1	101.6	116.1
POL806030/CP	800	600	300	3	3	2	3	734	558	19.6	94.9	118.7	142.4	166.1	189.8
POL1008030/CP	1000	800	300	3	3	4	4	958	709	33.2	139.7	174.7	209.6	244.5	279.4

Polyester RAL 7035 Light Grey.

Cabinets supplied with mounting plate.

With 1/4 turn lock.

SEE ACCESSORIES ON PAGES 96-97.





IP66 polyester cabinet with opaque door

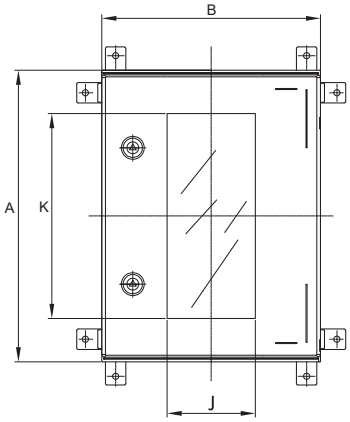


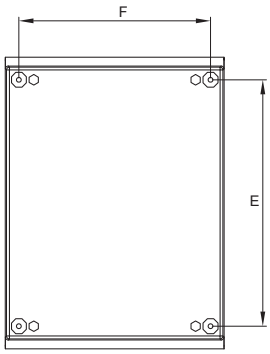
IP66 polyester cabinet with transparent door

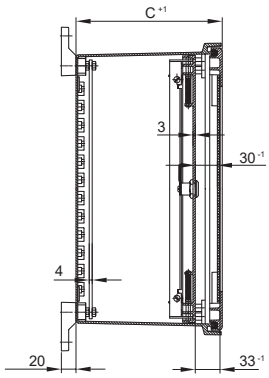
Maximum acceptable loads

IP66	Cabinet	Plate	Door
300x250x140 cabinets	15 kg	11 kg	2 kg
400x300x200 cabinets	24 kg	19 kg	4 kg
400x400x200 cabinets	32 kg	26 kg	5 kg
500x400x200 cabinets	40 kg	33 kg	6 kg
600x400x230 cabinets	48 kg	40 kg	7 kg
600x500x230 cabinets	60 kg	51 kg	9 kg
800x600x300 cabinets	96 kg	84 kg	14 kg
800x1000x300 cabinets	96 kg	96 kg	14 kg
1000x800x300 cabinets	96 kg	96 kg	14 kg

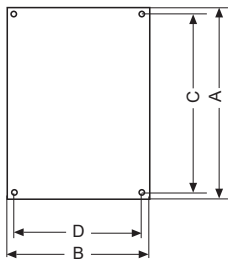
Dimensions







Mounting plates dimensions



Reference Nº.			Dimensions			
POLYESTER	METAL	BAKELITE	A	B	C	D
PPL3025	**PML3025**	**PBL3025**	268	213	248	175
PPL4030	**PML4030**	**PBL4030**	358	260	338	222
PPL4040	**PML4040**	**PBL4040**	358	360	338	322
PPL5040	**PML5040**	**PBL5040**	458	360	438	322
PPL6040	**PML6040**	**PBL6040**	558	360	538	322
PPL6050	**PML6050**	**PBL6050**	558	460	538	422
PPL8060	**PML8060**	**PBL8060**	754	556	734	518
PPL10080	**PML10080**	-	956	729	918	709

GLASS

IP66 Polyester wall-mounting cabinet accessories

Mounting plates



MATERIAL: Plain mounting plate in 4-mm thick reinforced polyester.
CHARACTERISTICS: Supplied with all the elements required for fixed installation.
FOR THE FOLLOWING CABINETS: IP66 Polyester. PPL10080 also suitable for enclosures POL80100.

Reference No.	Dimensions		For cabinet	
POLYESTER	HEIGHT X WIDTH	Ø	HEIGHT	WIDTH
PPL3025	268x213	4xØ8	300	250
PPL4030	358x260	8xØ8	400	300
PPL4040	358x360	8xØ8	400	400
PPL5040	458x360	8xØ8	500	400
PPL6040	558x360	8xØ8	600	400
PPL6050	558x460	8xØ8	600	500
PPL8060	754x556	8xØ8	800	600
PPL10080	956x729	8xØ8	1000	800



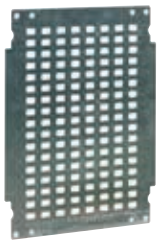
MATERIAL: Plain mounting plate in 2-mm thick galvanised steel. Plate PML10080 in 3-mm thick galvanised steel.
CHARACTERISTICS: Supplied with all the elements required for fixed installation. Maximun load: 200 kg.
FOR THE FOLLOWING CABINETS: IP66 Polyester. PML10080 also suitable for enclosures POL80100.

METAL	HEIGHT X WIDTH	Ø	HEIGHT	WIDTH
PML3025	268x213	4xØ9	300	250
PML4030	358x260	8xØ9	400	300
PML4040	358x360	8xØ9	400	400
PML5040	458x360	8xØ9	500	400
PML6040	558x360	8xØ9	600	400
PML6050	558x460	8xØ9	600	500
PML8060	754x556	8xØ9	800	600
PML10080	956x729	8xØ9	1000	800



MATERIAL: Plain mounting plate in 4-mm thick Bakelite.
CHARACTERISTICS: Supplied with all the elements required for fixed installation. Maximun load: 200 kg.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

INSULATING	HEIGHT X WIDTH	Ø	HEIGHT	WIDTH
PBL3025	268x213	4xØ9	300	250
PBL4030	358x260	8xØ9	400	300
PBL4040	358x360	8xØ9	400	400
PBL5040	458x360	8xØ9	500	400
PBL6040	558x360	8xØ9	600	400
PBL6050	558x460	8xØ9	600	500
PBL8060	754x556	8xØ9	800	600



MATERIAL: Plain mounting plate in 2-mm thick galvanised steel.
CHARACTERISTICS: Supplied with all the elements required for fixed installation.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

INSULATING	HEIGHT X WIDTH	Ø	HEIGHT	WIDTH
PMU3025	268x213	4xØ8	300	250
PMU4030	358x260	8xØ8	400	300
PMU5040	458x360	8xØ8	500	400
PMU6040	558x360	8xØ8	600	400
PMU8060	754x556	8xØ8	800	600

Plate adjustment pack



MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Pack that includes 4 profiles to move the plate to different depths.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Reference No.	For cabinet depth (mm)
29223	200
29224	230
29225	300

Inner doors



MATERIAL: Fibreglass-reinforced polyester.
CHARACTERISTICS: Supplied with all the elements required for installation.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Reference No.	Dimensions	For cabinet	
	HEIGHTX WIDTH	HEIGHT	WIDTH
PPIN4030	366x258	400	300
PPIN4040	366x358	400	400
PPIN5040	466x358	500	400
PPIN6040	566x358	600	400
PPIN6050	566x458	600	500
PPIN8060	766x558	800	600

Modular chassis



Reference No.	No. of modules	Rows	For cabinet		
			HEIGHT	WIDTH	DEPTH
PCH4030	24	2x12	400	300	200
PCH4040	36	2x18	400	400	200
PCH5040	54	3x18	500	400	200
PCH6040	54	3x18	600	400	230
PCH6050	69	3x23	600	500	230
PCH8060	116	4x29	800	600	300
PCH8060/5	130	5x26	800	600	300

MATERIAL: Frame and chassis lid in RAL 7035 Light Grey reinforced polyester.
CHARACTERISTICS: Includes frame and DIN profiles.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Wall-mounting



Ref. 29221



Ref. 29222

Reference No.	Description	Pack
29221	Wall-mounting set with head-insulated screws	4-piece pack
29222	Wall-mounting adjustable brackets	4-piece pack

CHARACTERISTICS: Ref. 29221 For mounting the cabinet directly to the wall using a set of 4 head-insulated screws.
Ref. 29222 Set of 4 adjustable brackets to place them in the required position.
Max. load: 96 kg (4 supports together).
SUPPLY: Pack of 4 pieces.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Locks



Ref. 29229



Ref. 29230



Ref. 29231



Ref. 29233



Ref. 29266

Reference No.	Description
29229	3-mm double-bit DIN lock (standard)
29230	11-mm triangle lock + key
29231	Manual lock with Keya T141-type key
29233	Manual lock with 220-type key
29266	Stainless steel interlocking for padlock

MATERIAL: Black polyamide.
CHARACTERISTICS: Ref. 29266 does not include the padlock.
IP66 degree of protection (except the ref. 29266).
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Post attachment



Reference No.	Description	Pack
48420/3040	Post attachment for cabinet width 300-400 mm	2-piece pack
48420/5060	Post attachment for cabinet width 500-600 mm	2-piece pack

MATERIAL: Galvanised steel primed and painted gray RAL 7035 Light Grey.
CHARACTERISTICS: It includes guides, clamps and necessary hardware for its installation. For circular post from 100 to 200 mm diameter and for square post from 60 to 100 mm side.
For cabinets from 300 to 600 mm wide. Maximum load: 130 kg.
SUPPLY: Pack of 2 pieces.
FOR THE FOLLOWING CABINETS: IP66 Polyester.

Door retainer



Ref. 29256



Ref. 29257

Reference No.	Description
29256	Door retainer for cabinets width <800 mm
29257	Door retainer for cabinets width >= 800 mm

FOR THE FOLLOWING CABINETS: IP66 Polyester.

GLASS

IP55 Polyester wall-mounting cabinets



IP55 polyester cabinet with opaque door



IP55 polyester cabinet open at the bottom



IP55 polyester cabinet with canopy

IP55 Wall-mounting cabinets. Polyester. Opaque door

Reference No.	Dimensions			Polyester thickness			No. locks	No. hinges	Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	SIDES	TOP/ BOTTOM	REAR DOOR			E	F	kg	20	25	30	35	40
POL505030	510	500	312	4	3	3.5	3P	2	368	552	9.8	60.3	75.4	90.5	105.6	120.7
POL755030	760	500	312	4	3	3.5	3P	2	618	552	13.0	82.4	103.0	123.6	144.2	164.8
POL1005030	1010	500	312	4	3	3.5	3P	3	868	552	16.8	104.5	130.6	156.7	182.8	209.0
POL1007530	1010	750	312	4	3	3.5	3P	3	868	802	21.2	136.9	171.1	205.3	239.5	273.7
POL1007542	1010	750	420	3	3	3.5	3P	3	868	802	22.7	161.0	201.2	241.4	281.7	321.9
POL10010030(*)	1010	1000	312	4	3	3.5	3P/3P	6	868	1052	28.2	150.0	199.0	249.0	302.0	357.0
POL10010042(*)	1010	1000	420	3	3	3.5	3P/3P	6	868	1052	30.2	181.0	239.0	300.0	364.0	430.0
POL1255030	1260	500	312	4	3	3.5	3P	4	1118	552	21.2	126.6	158.2	189.8	221.5	253.1
POL1257530	1260	750	312	4	3	3.5	3P	4	1118	802	26.4	165.1	206.3	247.6	288.9	330.2
POL1257542	1260	750	420	3	3	3.5	3P	4	1118	802	28.0	192.9	241.2	289.4	337.7	385.9
POL12510030(*)	1260	1000	312	4	3	3.5	3P/3P	8	1118	1052	34.8	166.0	220.0	275.0	334.0	395.0
POL12510042(*)	1260	1000	420	3	3	3.5	3P/3P	8	1118	1052	36.8	205.0	271.0	341.0	413.0	488.0
POL12512530(*)	1260	1250	312	4	3	3.5	3P/3P	8	1118	1302	40.0	230.0	305.0	383.0	463.0	547.0
POL12512542(*)	1260	1250	420	3	3	3.5	3P/3P	8	1118	1302	42.0	278.0	367.0	461.0	559.0	660.0

(*) Double-door cabinets.

IP55 Wall-mounting cabinets. Polyester. Opaque door. Open at the bottom

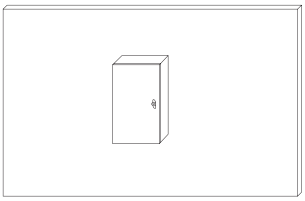
Reference No.	Dimensions			Polyester thickness			No. locks	No. hinges	Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	SIDES	TOP/ BOTTOM	REAR DOOR			E	F	kg	20	25	30	35	40
POL505030/A	510	500	312	4	3	3.5	3P	2	368	552	9.8	60.3	75.4	90.5	105.6	120.7
POL755030/A	760	500	312	4	3	3.5	3P	2	618	552	13.0	82.4	103.0	123.6	144.2	164.8
POL1005030/A	1010	500	312	4	3	3.5	3P	3	868	552	16.8	104.5	130.6	156.7	182.8	209.0
POL1007530/A	1010	750	312	4	3	3.5	3P	3	868	802	21.2	136.9	171.1	205.3	239.5	273.7
POL1007542/A	1010	750	420	3	3	3.5	3P	3	868	802	22.7	161.0	201.2	241.4	281.7	321.9
POL10010030/A(*)	1010	1000	312	4	3	3.5	3P/3P	6	868	1052	28.2	150.0	199.0	249.0	302.0	357.0
POL10010042/A(*)	1010	1000	420	3	3	3.5	3P/3P	6	868	1052	30.2	181.0	239.0	300.0	364.0	430.0
POL1255030/A	1260	500	312	4	3	3.5	3P	4	1118	552	21.2	126.6	158.2	189.8	221.5	253.1
POL1257530/A	1260	750	312	4	3	3.5	3P	4	1118	802	26.4	165.1	206.3	247.6	288.9	330.2
POL1257542/A	1260	750	420	3	3	3.5	3P	4	1118	802	28.0	192.9	241.2	289.4	337.7	385.9
POL12510030/A(*)	1260	1000	312	4	3	3.5	3P/3P	8	1118	1052	34.8	166.0	220.0	275.0	334.0	395.0
POL12510042/A(*)	1260	1000	420	3	3	3.5	3P/3P	8	1118	1052	36.8	205.0	271.0	341.0	413.0	488.0
POL12512530/A(*)	1260	1250	312	4	3	3.5	3P/3P	8	1118	1302	40.0	230.0	305.0	383.0	463.0	547.0
POL12512542/A(*)	1260	1250	420	3	3	3.5	3P/3P	8	1118	1302	42.0	278.0	367.0	461.0	559.0	660.0

Polyester RAL 7035 Light Grey.
Cabinets supplied without mounting plate.
Opaque door cabinets with retractable handle, sealable.
3P: one 3-point lock.
(*) Double-door cabinets.
Check availability of cabinets opened at the bottom and with canopy (not in stock).

IP55 Wall-mounting cabinets. Polyester. Opaque door. With canopy

Reference No.	Dimensions			Polyester thickness				No. locks	No. hinges	Wall-mounting		Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	SIDES	TOP/ BOTTOM	REAR DOOR	CANOPY			E	F	kg	20	25	30	35	40
POL505030/T	510	500	312	4	3	3.5	4	3P	2	368	552	9.8	60.3	75.4	90.5	105.6	120.7
POL755030/T	760	500	312	4	3	3.5	4	3P	2	618	552	13.0	82.4	103.0	123.6	144.2	164.8
POL1005030/T	1010	500	312	4	3	3.5	4	3P	3	868	552	16.8	104.5	130.6	156.7	182.8	209.0
POL1007530/T	1010	750	312	4	3	3.5	4	3P	3	868	802	21.2	136.9	171.1	205.3	239.5	273.7
POL1007542/T	1010	750	420	3	3	3.5	3	3P	3	868	802	22.7	161.0	201.2	241.4	281.7	321.9
POL10010030/T(*)	1010	1000	312	4	3	3.5	3	3P/3P	6	868	1052	28.2	150.0	199.0	249.0	302.0	357.0
POL10010042/T(*)	1010	1000	420	3	3	3.5	3.5	3P/3P	6	868	1052	30.2	181.0	239.0	300.0	364.0	430.0
POL1255030/T	1260	500	312	4	3	3.5	4	3P	4	1118	552	21.2	126.6	158.2	189.8	221.5	253.1
POL1257530/T	1260	750	312	4	3	3.5	4	3P	4	1118	802	26.4	165.1	206.3	247.6	288.9	330.2
POL1257542/T	1260	750	420	3	3	3.5	3	3P	4	1118	802	28.0	192.9	241.2	289.4	337.7	385.9
POL12510030/T(*)	1260	1000	312	4	3	3.5	3	3P/3P	8	1118	1052	34.8	166.0	220.0	275.0	334.0	395.0
POL12510042/T(*)	1260	1000	420	3	3	3.5	3.5	3P/3P	8	1118	1052	36.8	205.0	271.0	341.0	413.0	488.0
POL12512530/T(*)	1260	1250	312	4	3	3.5	3	3P/3P	8	1118	1302	40.0	230.0	305.0	383.0	463.0	547.0
POL12512542/T(*)	1260	1250	420	3	3	3.5	3.5	3P/3P	8	1118	1302	42.0	278.0	367.0	461.0	559.0	660.0

Polyester RAL 7035 Light Grey.
Cabinets supplied without mounting plate.
Opaque door cabinets with retractable handle, sealable.
3P: one 3-point lock.
(*) Double-door cabinets.
Check availability of cabinets opened at the bottom and with canopy (not in stock).



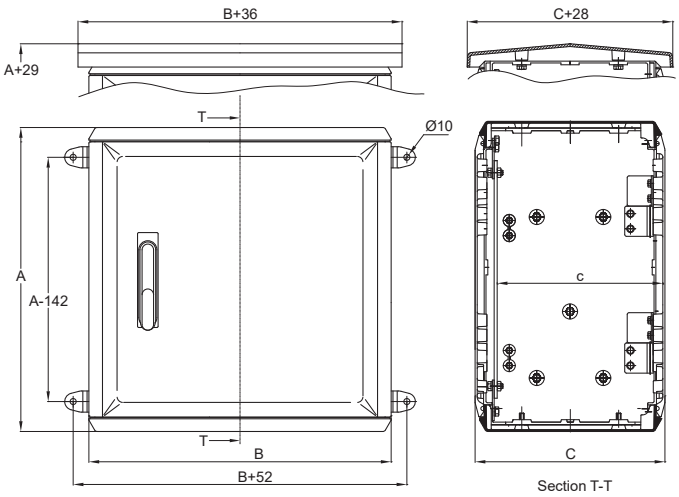
SEE ACCESSORIES ON PAGES 100-103.

Maximum acceptable loads

IP55	Plate	Door
510x500x312	40 kg	8 kg
760x500x312	65 kg	11 kg
1010x500x312	90 kg	15 kg
1010x750x312	146 kg	23 kg
1010x750x420	146 kg	23 kg
1010x1000x312	202 kg	15 kg
1010x1000x420	202 kg	15 kg

IP55	Plate	Door
1260x500x312	116 kg	19 kg
1260x750x312	187 kg	28 kg
1260x750x420	187 kg	28 kg
1260x1000x312	259 kg	19 kg
1260x1000x420	259 kg	19 kg
1260x1250x312	330 kg	23.5 kg
1260x1250x420	330 kg	23.5 kg

Dimensions: IP55 Polyester



Wall-hanging accessories not included in the set.

GLASS

IP55 Polyester wall-mounting cabinet accessories

Mounting plates



Reference No.	Dimensions	For cabinet	
POLYESTER	HEIGHTX WIDTH	HEIGHT	WIDTH
PPL5050	393x405	500	500
PPL7550	643x405	750	500
PPL10050	893x405	1000	500
PPL10075	893x655	1000	750
PPL100100	893x905	1000	1000
PPL12550	1143x405	1250	500
PPL12575	1143x655	1250	750
PPL125100	1143x905	1250	1000

MATERIAL: Plain mounting plate in 4-mm thick reinforced polyester.

CHARACTERISTICS: An accessory bag is included to mount the plate in a fixed position. To mount the plate with the possibility of depth adjustment, it is necessary to request adjustment pack 29235 or 29236 depending on the depth of the cabinet. For 1250 mm wide cabinets, two plates must be ordered: PPL12550 + PPL12575. This plate connection does not allow the installation of the mounting plate adjustment element 29235 or 29236.

FOR THE FOLLOWING CABINETS: IP55 Polyester.



Reference No.	Dimensions	Thickness	For cabinet	
METAL	HEIGHTX WIDTH	mm	HEIGHT	WIDTH
PML5050	393x405	2	500	500
PML7550	643x405	2	750	500
PML10050	893x405	3	1000	500
PML10075	893x655	3	1000	750
PML100100	893x905	3	1000	1000
PML12550	1143x405	3	1250	500
PML12575	1143x655	3	1250	750
PML125100	1143x905	3	1250	1000

MATERIAL: Plain mounting plate in galvanised steel. PML50XX and PML75XX plates are 2mm thick and PML100XX and PML125XX plates are 3mm thick.

CHARACTERISTICS: An accessory bag is included to mount the plate in a fixed position. To mount the plate with the possibility of depth adjustment, it is necessary to request adjustment pack 29235 or 29236 depending on the depth of the cabinet.

FOR THE FOLLOWING CABINETS: IP55 Polyester.



Reference No.	Description	For cabinet	Pack
MOUNTING PLATE ADJUSTMENT PACK		DEPTH	
29235	Plate adjustment pack 300	300	4-piece pack
29236	Plate adjustment pack 420	420	4-piece pack

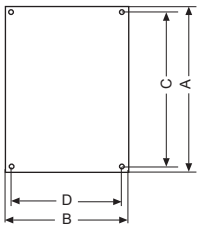
MATERIAL: Galvanised steel.

CHARACTERISTICS: Support for the displacement of the plate at different depths.

SUPPLY: Pack of 4 profiles + screws.

FOR THE FOLLOWING CABINETS: IP55 Polyester.

IP55 plate dimensions



Reference No.	Reference No.	Dimensions				
POLYESTER	METAL	A	B	C	D	Ø
PPL5050	PML5050	393	405	353	375	4xØ9
PPL7550	PML7550	643	405	603	375	4xØ9
PPL10050	PML10050	893	405	853	375	4xØ9
PPL10075	PML10075	893	655	853	625	4xØ9
PPL100100	PML100100	893	905	853	875	8xØ9
PPL12550	PML12550	1143	405	1103	375	4xØ9
PPL12575	PML12575	1143	655	1103	625	4xØ9
PPL125100	PML125100	1143	905	1103	875	8xØ9

Pedestal with hinged door



Reference No.	Dimensions		For cabinet
FLUSH-FIT	HEIGHT	DEPTH	DEPTH
PDE5030	991.5	300	300
PDE7530	991.5	300	300
PDE10030	991.5	300	300
PDE12530	991.5	300	300
PDE5042	991.5	420	420
PDE7542	991.5	420	420
PDE10042	991.5	420	420
PDE12542	991.5	420	420
SURFACE			
PDS5030	503	300	300
PDS7530	503	300	300
PDS10030	503	300	300
PDS12530	503	300	300
PDS5042	503	420	420
PDS7542	503	420	420
PDS10042	503	420	420
PDS12542	503	420	420

MATERIAL: Polyester RAL 7035 Light Grey.
FOR THE FOLLOWING CABINETS: IP55 Polyester.

Canopies



Reference No.	Dimensions		For cabinet
	WIDTH	DEPTH	DEPTH
TEJP5030	500	300	300
TEJP7530	750	300	300
TEJP10030	1000	300	300
TEJP12530	1250	300	300
TEJP5042	500	420	420
TEJP7542	750	420	420
TEJP10042	1000	420	420
TEJP12542	1250	420	420

MATERIAL: Polyester RAL 7035 Light Grey.
FOR THE FOLLOWING CABINETS: IP55 Polyester.

GLASS

IP55 Polyester wall-mounting cabinet accessories

Polyester plinth



Reference No.	Dimensions			For cabinet	
	HEIGHT	WIDTH	DEPTH	WIDTH	DEPTH
ZOC5030/P	60	500	300	500	300
ZOC7530/P	60	750	300	750	300
ZOC10030/P	60	1000	300	1000	300
ZOC12530/P	60	1250	300	1250	300
ZOC7542/P	60	750	420	750	420
ZOC10042/P	60	1000	420	1000	420
ZOC12542/P	60	1250	420	1250	420

MATERIAL: RAL 7035 Light Grey polyester.
CHARACTERISTICS: Height of 60 mm.
FOR THE FOLLOWING CABINETS: IP55 Polyester.

Door retainer



Reference No.	Description
29255	Door retainer

FOR THE FOLLOWING CABINETS: IP55 Polyester.

Door switch



Reference No.	Instalation	Voltage AC		Int.	Metrics
		V	HZ	A	
29250	Screw mounting	250	50/60	5	M4

MATERIALS: Zinc-plated steel
CHARACTERISTICS: Toggle switch with roller: With M20 cable gland. Mounted to the enclosure using 2 threaded inserts and M6x10 screws.
Adjustable length: 55 mm.
Distance between mounting screws: 21 ±1 mm. Lever rotation ± 95º.
Installation on the enclosure body, using 2 threaded inserts and M6x10 screws.
Protection rating IP65.
FOR THE FOLLOWING CABINETS: IP55 polyester.

Wall-mounting



Reference No.	Description	Maximum load	Pack
29240	Wall-mounting brackets	100 kg	4-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: M-6 screws for installation included.
SUPPLY: Pack includes 4 brackets.
FOR THE FOLLOWING CABINETS: IP55 Polyester.

The mounting bracket is not compatible with canopy installation.

Locks with handle



Ref. 29241 Ref. 29242



Ref. 29243 Ref. 29244 Ref. 29247

Reference No.	Description
29241	3-mm double-bit DIN lock + key (standard)
29242	11-mm triangle lock handle + key
29243	Manual lock handle + C911-type key
29244	11-mm interlocking triangle lock handle + key
29247	Euro-profile handle lock (without bowler)

MATERIAL: Black polyamide.
CHARACTERISTICS: Locks with retractable handle, sealable. Key included. IP55 degree of protection.
FOR THE FOLLOWING CABINETS: IP55 Polyester.

ABS BASIC





ABS thermoplastic wall-mounting cabinets

The ABS range of wall cabinets is specially designed to meet the demands of the industrial automation and control sector.

These cabinets are manufactured in HB ABS RAL 7035 Light Grey with opaque doors. Available in a wide range of sizes to adapt to the needs of all installations, these cabinets include the assembly plate, wall attachments and triangular closing mechanism.

ABS BASIC Technical characteristics

- **Degree of protection:** IP54 – IP65*.
- **Resistance to impact:** IK08.
- **Ambient temperature range:** -25 °C / +60 °C.
- **Maximum temperature materials:** +80 °C.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

* IP65 for references ABS302013 and ABS352515.

ABS BASIC Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standard: UNE-EN 62208 / IEC 62208.

IP 54 IP 65 CE



Product series

Surface cabinets with opaque door and assembly plate included.

Material

- Cabinet: halogen-free HB ABS RAL 7035 Light Grey.
- Assembly plate: 1-mm thick galvanised steel.

Supply

- Supplied in a cardboard box in individual packaging.
- Assembly plate included.

Accessory bag:

- Wall hanger.
- Attachment screws for the assembly plate.
- 8 mm triangle key.
- ABS806026 cabinet includes plate supports.






Enclosure

- These cabinets are manufactured in HB ABS RAL 7035 Light Grey.
- Manufactured in a single part to provide great overall robustness.
- Wall attachment using four 07 mm punches or wall hangers. Horizontal position of the hangers, except for reference ABS806026 which can also be attached vertically.

Mounting plate

- Flat assembly plate, manufactured from 1 mm galvanised steel, supplied in all references.
- Attachment using four 5x16 screws.
- For cabinet ABS806026 the thickness of the plate is 1.2 mm..

Door

- Opaque door manufactured in HB ABS RAL 7035 Light Grey, with 180º opening, 225º opening for reference ABS806026.
- Plastic hinges with integrated metal pins.
- Injected polyurethane watertight seal to ensure the degree of IP.
- Pre-markers inside the door to facilitate drilling holes for fitting apparatuses, indicators, etc.
- Standard 8 mm triangular lock.

Accessories

- Lock and key supplied as accessory.

ABS BASIC

Thermoplastic wall-mounting cabinets

Thermoplastic wall-mounting cabinets. ABS

Reference	Dimensions			No. locks	Type	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C			kg	20	25	30	35	40
ABS302013	300	200	130	2	1	1.7	13.3	16.7	20	23.3	26.7
ABS352515	350	250	150	2	1	2.2	18.9	23.6	28.3	33	37.7
ABS403017	400	300	170	2	1	3.0	25.3	31.7	38	44.3	50.7
ABS403022	400	300	220	2	1	3.4	29.3	36.6	44	51.3	58.6
ABS503519	500	350	190	2	1	4.3	35.6	44.5	53.5	62.4	71.3
ABS504018	500	400	180	2	1	4.3	37.5	46.9	56.2	65.6	75.0
ABS504024	500	400	240	2	1	5.6	44.1	55.2	66.2	77.2	88.3
ABS604020	600	400	200	2	1	6.0	46.5	58.1	69.7	81.3	93.0
ABS605022	600	500	220	2	2	6.7	56.8	71.0	85.2	99.4	113.6
ABS705025	700	500	250	2	1	10.1	68.6	85.8	102.9	120.1	137.2
ABS806026	800	600	260	3	2	13.5	88.5	110.7	132.8	154.9	177.1

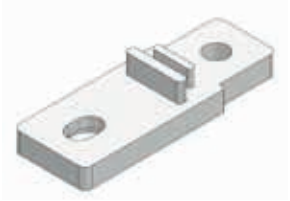
Opaque door cabinets.
Made of ABS HB RAL 7035 Light Grey.
Galvanised steel mounting plate and wall mounting brackets included.
IP54 - IP65 Surface. * IP65 for the references ABS302013 y ABS322515.

Accessories

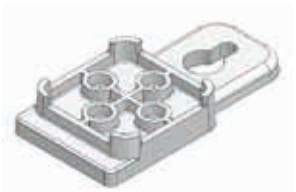
Reference	Description	Pack
29580	Manual lock + key	1-piece pack
29585	Triangle lock	1-piece pack
29583	Triangle key	1-piece bag
29584	Wall-mounting support for Type 1 cabinets	4-piece bag
29587	Wall-mounting support for Type 2 cabinets	4-piece bag

IP65 for the references 29585.

Accessories (Included in the cabinet)



Wall-mounting support
Ref. 29584



Wall-mounting support
Ref. 29587

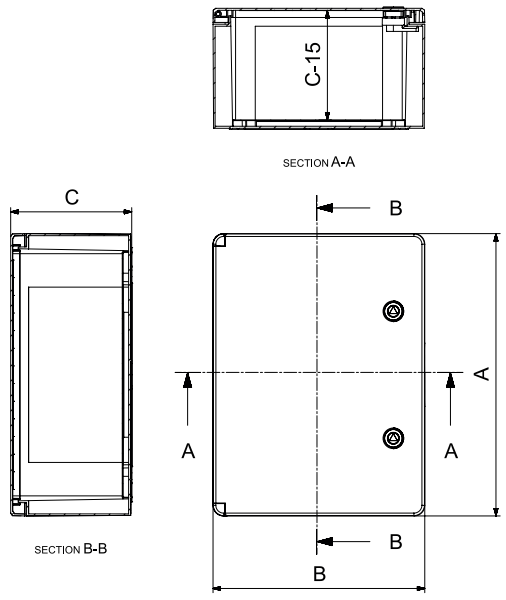


Triangle key
Ref. 29583

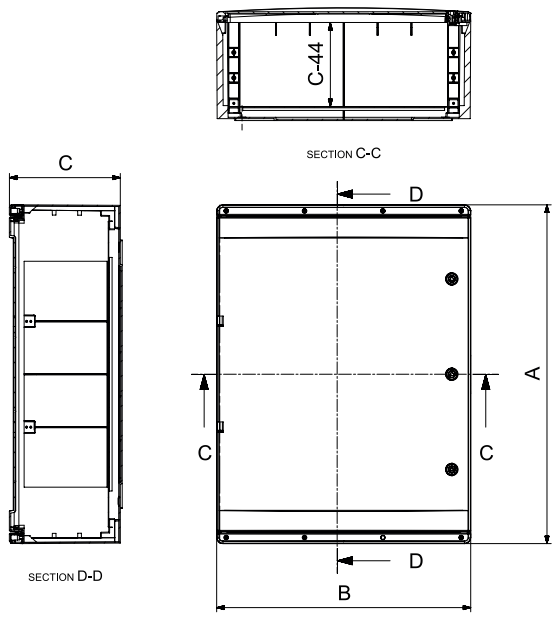


ABS thermoplastic wall-mounting cabinets

Dimensions: ABS



TYPE 1



TYPE 2

ROC





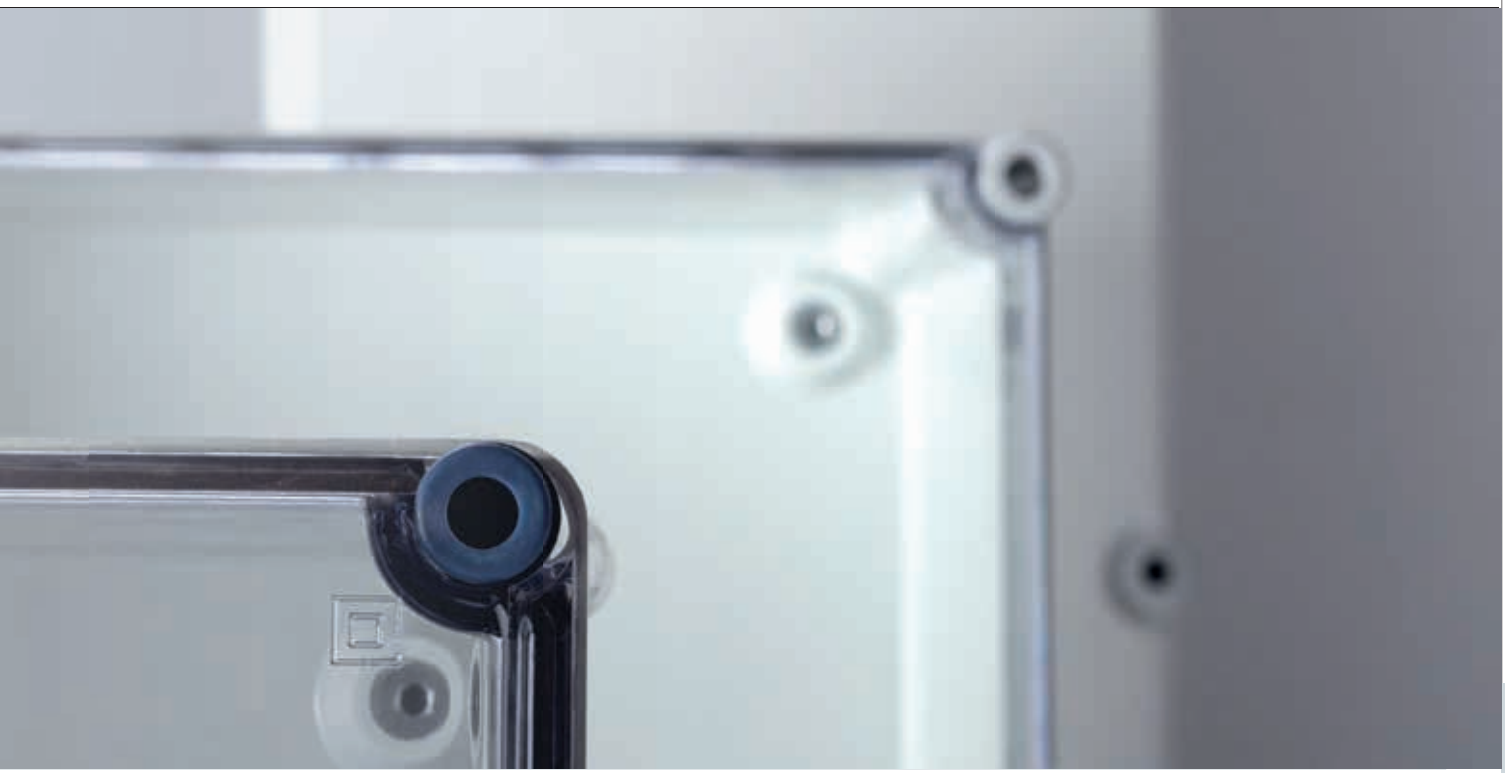
IP66 Polyester double insulation boxes

The ROC series watertight boxes are made of fibreglass-reinforced polyester and insulating material that keeps the switchgear installed on the inside perfectly insulated.

With IP66 protection, they are available in two versions, with opaque or transparent lid, delivering excellent modular versatility in order to cater to the different applications: configuration of controlgear, switchgear or centralised meters for control, derivation and distribution purposes.

They are designed for outside use in the tertiary or industrial sectors and can be installed in aggressive environments thanks to their degree of protection, non-hygroscopic materials and UV protection.

IP 66



ROC Technical characteristics

- **Degree of protection:** IP66.
- **Resistance to impact:** IK09.
- **Test of resistance to glow wire:** 960 °C.
- **Ambient temperature range:** -30 °C / +60 °C.
- **Dielectric strength:** >5 kV/cm.
- **Protection against contacts:** Double insulation.
- **Double insulation:** Class II.
- **Thermal class:** A 120 °C.
- **Maximum rated operating voltage:** 1000 V AC / 1500 V DC.

ROC Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1.
(as applicable).

ROC

IP66 Polyester double insulation boxes



Product series

Standard

- IP66 boxes with polyester case and transparent polycarbonate lid.
- IP66 boxes with polyester case and opaque polycarbonate lid.
- Range: 32–33–34–42–44–63–64–66–84–86 modules.
- The 32–34–44–63–64–66 modules admit the high-lid variant.
- Set of 10 modular insulation boxes with height and width dimensions that are multiples of one module.
  1 module = 90 mm.

Material

Bases manufactured in RAL 7035 Light Grey fibreglass-reinforced polyester.

Transparent lids made of polycarbonate.

Opaque lids manufactured in RAL 7035 Light Grey polycarbonate.

Main characteristics:

- Halogen-free.
- Non-hygroscopic (zero water absorption).
- Double insulation.
- Corrosion-resistant.
- Alkali-resistant.
- Transparent and opaque lids with ultraviolet (UV) protection.

Recommended applications

Industrial environments and outdoor facilities; chemical and pharmaceutical industries, transformer sub-stations and outdoor areas where durability and resistance against chemicals and UV rays are necessary.

Supply

Supplied in a single box per packaging multiples.

Each reference includes:

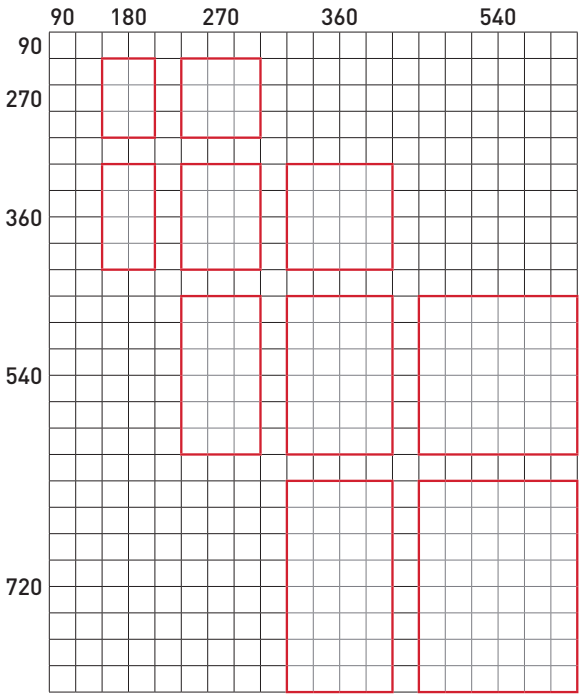
- Bag with four closing screws (Ref. 29551), except boxes ROC32 with screws reference 29555, and ROC42 with screws reference 29554.
- Bag of four screws for fixing the mounting plate.

Designation of references

References are designated with two digits:

- The first one indicates the width in number of modules.
- The second one indicates the height in number of modules.

E.g: ROC32APT 3 = width (3x90 = 270 mm).
2 = height (2x90 = 180 mm).
A = High lid.
PT = Transparent door.



IP 66 CE







Base

- System composed of modular boxes with height and width dimensions that are multiples of a 90-mm module.
- They come with M6 inserts in zamak for fixing mounting plates, switchgear, etc. Dismountable for subsequent recycling.

Lid

- Possibility of opaque or transparent polycarbonate lid: Opaque polycarbonate lid in RAL 7035 Light Grey. Transparent lid in polycarbonate.
- Screws for use with a screwdriver. Other types of closing screws supplied as accessories: manual, for grey, blue or triangular screwdriver. Screws used in ROC42 references are sealables.
- Different hinge models supplied as accessories to easily turn the box into a cabinet.

Intended for industrial and outdoor facilities providing a high degree of protection against chemical agents and UV-rays

Total flexibility

- Boxes can be joined vertically and horizontally using brackets in order to achieve multiple combinations and constructions.
- High lids can be used to increase box depth.

Fixing systems

- Direct wall- or post-fixing. (Fixing elements supplied as accessories).







ROC

IP66 Polyester double insulation boxes

IP66 Double insulation boxes. Polyester. With transparent lid

Reference No.	Modules	Dimensions			Usable inner space			Wall-mount. dim.		Plate-mounting dim.			Weight	Power dissipation according to temperature increase °C P(W)				
		A	B	C	D	E	F	G	H	I	J	K	kg	20	25	30	35	40
ROC32PT	3x2	270	180	141	250	160	124	245	155	200	110	-	1.2	12.05	15.06	18.07	21.08	24.09
ROC32APT	3x2 high	270	180	171	250	160	154	245	155	200	110	-	1.3	13.60	17.00	20.39	23.79	27.19
ROC33PT	3x3	270	270	171	250	250	154	245	245	200	200	-	1.6	17.49	21.86	26.23	30.60	34.97
ROC34PT	3x4	270	360	171	250	340	154	245	335	200	290	-	2.0	21.38	26.72	32.06	37.41	42.75
ROC34APT	3x4 high	270	360	201	250	340	184	245	335	200	290	-	2.0	23.45	29.32	35.18	41.05	46.91
ROC42PT	4x2	360	180	171	340	160	154	335	155	290	110	-	1.3	17.12	21.40	25.69	29.97	34.25
ROC44PT	4x4	360	360	171	340	340	154	335	335	290	290	-	2.4	26.49	33.11	39.74	46.36	52.98
ROC44APT	4x4 high	360	360	201	340	340	184	335	335	290	290	-	2.6	28.91	36.14	43.36	50.59	57.82
ROC63PT	6x3	540	270	171	515	245	154	515	245	470	200	200	2.7	30.45	38.06	45.67	53.28	60.90
ROC63APT	6x3 high	540	270	201	515	245	184	515	245	470	200	200	3.0	33.28	41.60	49.92	58.25	66.57
ROC64PT	6x4	540	360	171	515	335	154	515	335	470	290	200	3.6	36.72	45.90	55.08	64.26	73.44
ROC64APT	6x4 high	540	360	201	515	335	184	515	335	470	290	200	3.8	39.82	49.77	59.73	69.68	79.64
ROC66PT	6x6	540	540	171	515	515	154	515	515	470	470	200	5.2	49.26	61.58	73.89	86.21	98.52
ROC66APT	6x6 high	540	540	201	515	515	184	515	515	470	470	200	5.4	52.89	66.11	79.33	92.56	105.78
ROC84PT	8x4	720	360	201	695	335	184	695	335	650	290	290	4.2	50.73	63.41	76.09	88.77	101.46
ROC86PT	8x6	720	540	201	695	515	184	695	515	650	470	290	7.3	66.97	83.72	100.46	117.20	133.95

RAL 7035 Light Grey polyester.
Transparent polycarbonate lid with UV protection.
1 module = 90 mm.
ROC42 boxes supplied with sealable screws.

IP66 Double insulation boxes. Polyester. With opaque lid

Reference No.	Modules	Dimensions			Usable inner space			Wall-mount. dim.		Plate-mounting dim.			Weight	Power dissipation according to temperature increase °C P(W)				
		A	B	C	D	E	F	G	H	I	J	K	kg	20	25	30	35	40
ROC32PO	3x2	270	180	141	250	160	124	245	155	200	110	-	1.2	12.05	15.06	18.07	21.08	24.09
ROC32APO	3x2 high	270	180	171	250	160	154	245	155	200	110	-	1.3	12.05	15.06	18.07	21.08	24.09
ROC33PO	3x3	270	270	171	250	250	154	245	245	200	200	-	1.6	17.49	21.86	26.23	30.60	34.97
ROC34PO	3x4	270	360	171	250	340	154	245	335	200	290	-	2.0	21.38	26.72	32.06	37.41	42.75
ROC34APO	3x4 high	270	360	201	250	340	184	245	335	200	290	-	2.0	23.45	29.32	35.18	41.05	46.91
ROC42PO	4x2	360	180	171	340	160	154	335	155	290	110	-	1.3	17.12	21.40	25.69	29.97	34.25
ROC44PO	4x4	360	360	171	340	340	154	335	335	290	290	-	2.4	26.49	33.11	39.74	46.36	52.98
ROC44APO	4x4 high	360	360	201	340	340	184	335	335	290	290	-	2.6	28.91	36.14	43.36	50.59	57.82
ROC63PO	6x3	540	270	171	515	245	154	515	245	470	200	200	2.7	30.45	38.06	45.67	53.28	60.90
ROC63APO	6x3 high	540	270	201	515	245	184	515	245	470	200	200	2.9	33.28	41.60	49.92	58.25	66.57
ROC64PO	6x4	540	360	171	515	335	154	515	335	470	290	200	3.6	36.72	45.90	55.08	64.26	73.44
ROC64APO	6x4 high	540	360	201	515	335	184	515	335	470	290	200	3.8	39.82	49.77	59.73	69.68	79.64
ROC66PO	6x6	540	540	171	515	515	154	515	515	470	470	200	5.2	49.26	61.58	73.89	86.21	98.52
ROC66APO	6x6 high	540	540	201	515	515	184	515	515	470	470	200	5.4	52.89	66.11	79.33	92.56	105.78
ROC84PO	8x4	720	360	201	695	335	184	695	335	650	290	290	4.2	50.73	63.41	76.09	88.77	101.46
ROC86PO	8x6	720	540	201	695	515	184	695	515	650	470	290	7.3	66.97	83.72	100.46	117.20	133.95

RAL 7035 Light Grey polyester.
Opaque polycarbonate lid.
1 module = 90 mm.
ROC42 boxes supplied with sealable screws.

SEE ACCESSORIES ON PAGE 114.

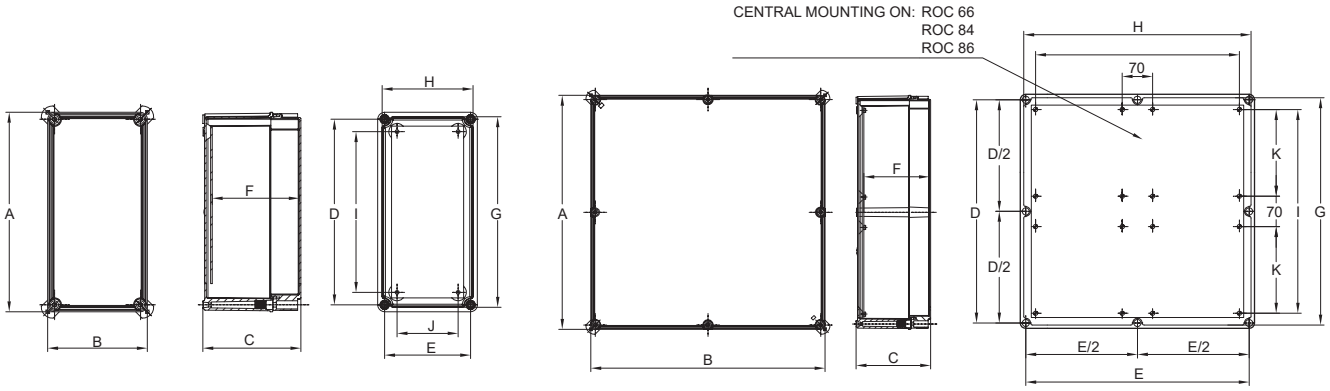


Box with opaque lid



Box with transparent lid

Dimensions



ROC

IP66 Polyester double insulation boxes accessories

Mounting plates







Reference No.	Plate dimensions		Thickness	For box type
POLYESTER	**HEIGHT**	**WIDTH**	**mm**	
PPL32	220	130	3	ROC32
PPL33	220	220	3	ROC33
PPL34	220	310	3	ROC34
PPL42	310	130	3	ROC42
PPL44	310	310	3	ROC44
PPL63	490	220	4	ROC63
PPL64	490	310	4	ROC64
PPL66	490	490	4	ROC66
PPL84	670	310	4	ROC84
PPL86	670	490	4	ROC86
BAKELITE	**HEIGHT**	**WIDTH**	**mm**	
PBL32	220	130	4	ROC32
PBL33	220	220	4	ROC33
PBL34	220	310	4	ROC34
PBL42	310	130	4	ROC42
PBL44	310	310	4	ROC44
PBL63	490	220	4	ROC63
PBL64	490	310	4	ROC64
PBL66	490	490	4	ROC66
PBL84	670	310	4	ROC84
PBL86	670	490	4	ROC86
METAL	**HEIGHT**	**WIDTH**	**mm**	
PML32	220	130	2	ROC32
PML33	220	220	2	ROC33
PML34	220	310	2	ROC34
PML42	310	130	2	ROC42
PML44	310	310	2	ROC44
PML63	490	220	2	ROC63
PML64	490	310	2	ROC64
PML66	490	490	2	ROC66
PML84	670	310	2	ROC84
PML86	670	490	2	ROC86

MATERIAL: Ref. PPL: Fibreglass-reinforced polyester.
Ref. PBL: Insulating Baquelite.
Ref. PML: Galvanised steel.

CHARACTERISTICS: The screws required for assembly are supplied with the box.

Coupling flanges



Reference No.	Description
29503	Coupling flange for width B=270
29504	Coupling flange for width B=360

MATERIAL: Grey polycarbonate.

CHARACTERISTICS: For coupling boxes together. With sealing gasket and the necessary screws.

Side closing cover



Reference No.	Description
29513	Closing plate for width B=270
29514	Closing plate for width B=360

MATERIAL: Grey polycarbonate.

CHARACTERISTICS: Side-opening closing covers. With sealing gasket and the necessary screws.

Hinges



External



Flexible

Reference No.	Description	Pack
29540	External hinges. Except for 3x2 module boxes	2-piece bag
29541	Flexible hinge for screwdriver	10-piece bag
29542	Manual flexible hinge	10-piece bag

CHARACTERISTICS: For side opening of modules.

Wall-mounting





Reference No.	Description	Pack
29521	Wall-mounting support	4-piece pack
29524	Mast attachment	1-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Wall- or post-fixing devices. Reference No. 29521 can be mounted horizontally, vertically and diagonally.

Ventilation and bleeding devices



Ventilation **Bleeding**

Reference No.	Description
29530	Bleeding device
29531	Ventilation device Ø 19 mm IP43
29532	Ventilation device Ø 29 mm IP43

MATERIAL: Thermoplastic.
CHARACTERISTICS: They facilitate air circulation through convection inside the modules, preventing the formation of condensation. Designed to prevent the entry of foreign bodies.

Closing screw



Ref. 29550 Ref. 29551 Ref. 29552

Ref. 29553 Ref. 29554 Ref. 29555

Reference No.	Description	Pack
29550	Manual head	4-piece bag
29551	Grey screwdriver head	4-piece bag
29552	Blue screwdriver head	4-piece bag
29553	Triangular head (ROC32)	4-piece bag
29554	Sealable screw head (ROC42)	4-piece bag
29555	Grey screwdriver head (ROC32)	4-piece bag

MATERIAL: Polyamide.
CHARACTERISTICS: Captive closing screws. References 29550, 29551 and 29552 are suitable for all the boxes, except ROC32 and ROC42 types.

Cable accessories



Reference No.	Description
29545	Cable box A 263/109
29546	Cable box B 173/109

Cable glands



Ref. 29560 Ref. 29562

Ref. 29566 Ref. 29568

Reference No.	Ø drill	Ø useful cable min.	Ø useful cable max.	Pack
	mm	mm	mm	
29560	22	4	19	20-piece bag
29561	31	6	28	20-piece bag
29562	41	12	38	20-piece bag
29563	50	14	47	20-piece bag
29564	68	19	64	20-piece bag
29565	96	29	90	10-piece bag
29566	44	4x5	4x14	20-piece bag
29567	68	4x7	4x24	10-piece bag
29568	96	4x9	4x34	10-piece bag

MATERIAL: Gray PVC.
FEATURES: Facilitate assembly in the conductor passage.
FOR THE FOLLOWING CABINETS: ROC IP66.

ARGENTA PLUS





IP55-IP65 Steel floor-standing cabinets

The Floor-Standing Cabinets of the ARGENTA PLUS series are a set of industrial steel enclosures designed to contain any type of electrical device and equipment necessary for the supply. distribution and conversion of electricity. and are suitable for control and automation equipment for industrial plants and machine tools.

This range of cabinets has been designed for maximum versatility so that the installer can create their own arrangements depending on their needs. It is highly functional thanks to the different possibilities for joining cabinets together. the possibility of installing any type of electrical device and the comprehensive range of accessories available for this series.

Intended for the most professional sector. the range is available in three versions: combinable. semi-compact and compact.



ROLLED STEEL

ARGENTA PLUS COMPACT (BIG) Technical characteristics

- **Degree of protection:**
  Single-door cabinets: IP65* / NEMA 1. 4. 12.
  Double-door cabinets: IP55 / NEMA 1. 12.
- **Resistance to impact:**
  Enclosure and opaque doors: IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.

(See references on page 126).

* With the 48690 insulation kit.

ARGENTA PLUS SEMI-COMPACT (FSC) Technical characteristics

- **Degree of protection:**
  Single-door cabinets: IP65* / NEMA 1. 4. 12.
  Double-door cabinets: IP55 / NEMA 1. 12.
- **Resistance to impact:**
  Enclosure and opaque doors: IK10.
  Transparent doors: IK09.
- **Ambient temperature range:** -25 ºC / +60 ºC.

(See references on page 132).

* With the 48690 insulation kit.

ARGENTA PLUS COMBINABLE (ENL) Technical characteristics

- **Degree of protection:**
  Single-door cabinets: IP55 / NEMA 1. 12.
  Double-door cabinets: IP55 / NEMA 1. 12.
- **Resistance to impact:**
  Enclosure and opaque doors: IK10.
  Transparent doors: IK09.
- **Ambient temperature range:** -25 ºC / +60 ºC.

(See references on page 138-140).

STAINLESS STEEL

ARGENTA PLUS COMPACT (BIG) Technical characteristics

- **Degree of protection:**
  Single-door cabinets: IP65 / NEMA 1. 4. 4x. 12.
  Double-door cabinets: IP55 / NEMA 1. 12.
- **Resistance to impact:**
  Enclosure and opaque doors: IK10.
- **Ambient temperature range:** -25 ºC / +60 ºC.

(See references on page 120).

ARGENTA PLUS Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1 (as applicable).
UL508A and Gost-R certificates.
VDE Certificate available for single-door cabinets.

ARGENTA PLUS Electrical properties

- **Max. rated operating voltage (U_e):** 1000 V AC / 1500 V DC.
- **Rated insulation voltage (U_i):** 1000 V AC.
- **Rated impulse withstand voltage (U_{imp}):**
  12 kV (depending on type of accessory).
- **Current (Ie):**
  BIG: up to 3200 A (depending on type of accessory).
  ENL-FSC: up to 6200 A (depending on type of accessory).
- **Rated short-time withstand current (I_{cw}):**
  105 kA (1s) (depending on type of accessory).
- **Rated peak withstand current (I_{pk}):**
  231 kA (depending on type of accessory).

ARGENTA PLUS (BIG)

IP65 Steel floor-standing compact cabinets



Product series (Stainless steel)

Standard:

- AISI 304L opaque door cabinets with mounting plate.
- Height: 1650 - 1800 - 2000 mm.
- Width: 600 - 800 - 1000 mm.
- Depth: 400 - 500 mm.

Supply

- Supplied with protective film, on pallets, and protected with honeycomb cardboard corner pieces and shrink-wrap film.
- The plate is supplied assembled.
- Key.

Intended for outdoor and industrial facilities with extremely aggressive agents or saline environments

Recommended applications

- **AISI 304L:** Industrial environments and outdoor facilities with aggressive agents or saline environments; food. chemical and petrochemical industries. where a high degree of hygiene is required.

Material

- AISI 304L stainless steel.
- Injected polyurethane sealing gasket.

Finish

- Scotch 320 satin finish.






Enclosure

- Single-piece cabinet enclosure with detachable rear panel. Manufactured in 1.5-mm thick sheet with sealing gasket to guarantee IP protection.
- Four profiles fitted on the corners attached to the enclosure by nut bolts afford the cabinet excellent robustness.

Door

- 2-mm-thick opaque door with 120° reversible opening.
- Four hidden and detachable hinges made of stainless steel.
- Double door as of width of 1200 mm.
- Sealing gasket to guarantee the IP protection.
- Reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.

Lock

- Made in zamak, 4-Point 1/4 turn lock, double-bit insert with retractable handle.
- Internal lock for a double door with a two point locking system.
- Stainless steel lock is also supplied as an accessory.




Cable entry

- Cable entry covered by a single plate, made of stainless steel 2-mm thick, with sealing gasket.

Mounting plate

- Made from galvanised sheet steel with a thickness of 3 mm, reinforced with C-shaped folds.
- It includes the 4 depth-adjustable supports required for fitting.
- Plates supplied assembled in the cabinet.

ARGENTA PLUS (BIG)

IP65 Steel floor-standing compact cabinets

IP65 Floor-standing compact cabinets. Stainless steel. Single-door
With mounting plate

Reference No.	Dimensions			Door type	Cable entry	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C		WIDTH X DEPTH	kg	20	25	30	35	40
BIG1656040PO/INX	1650	600	400	Single	300x200	102.2	320.1	400.1	480.2	560.2	640.2
BIG1658040PO/INX	1650	800	400	Single	500x200	104.1	383.2	479.1	574.9	670.7	766.5
BIG16510040PO/INX	1650	1000	400	Single	700x200	141.3	446.4	558.0	669.6	781.2	892.8
BIG1806040PO/INX	1800	600	400	Single	300x200	105.7	345.8	432.3	518.8	605.2	691.7
BIG1808040PO/INX	1800	800	400	Single	500x200	131.6	413.6	517.0	620.4	723.8	827.2
BIG1808050PO/INX	1800	800	500	Single	500x300	141.3	461.6	577.0	692.3	807.7	923.1
BIG18010040PO/INX	1800	1000	400	Single	700x200	152.0	481.4	601.7	722.0	842.4	962.7
BIG18010050PO/INX	1800	1000	500	Single	700x300	154.0	532.4	665.5	798.6	931.7	1064.8
BIG2006040PO/INX	2000	600	400	Single	300x200	116.3	380.2	475.2	570.2	665.3	760.3
BIG2008040PO/INX	2000	800	400	Single	500x200	140.3	454.1	567.6	681.1	794.6	908.2
BIG2008050PO/INX	2000	800	500	Single	500x300	160.8	506.0	632.5	759.0	885.5	1012.0
BIG20010040PO/INX	2000	1000	400	Single	700x200	173.8	528.0	660.0	792.0	924.0	1056.0
BIG20010050PO/INX	2000	1000	500	Single	700x300	183.5	583.0	728.8	874.5	1020.3	1166.0

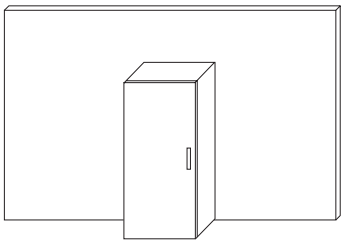
IP55 Floor-standing compact cabinets. Stainless steel. Double-door
With mounting plate

Reference No.	Dimensions			Door type	Cable entry	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C		D X DEPTH	kg	20	25	30	35	40
BIG18012040POD/INX	1800	1200	400	Double	300x200	181.2	549.1	686.4	823.7	960.9	1098.2
BIG18012050POD/INX	1800	1200	500	Double	300x200	189.4	603.2	754.0	904.9	1055.7	1206.5
BIG18016040POD/INX	1800	1600	400	Double	500x200	240.3	684.6	855.8	1026.9	1198.1	1369.3
BIG18016050POD/INX	1800	1600	500	Double	500x200	238.2	744.9	931.1	1117.4	1303.6	1489.8
BIG20012040POD/INX	2000	1200	400	Double	300x200	197.2	601.9	752.4	902.9	1053.4	1203.8
BIG20012050POD/INX	2000	1200	500	Double	300x200	205.9	660.0	825.0	990.0	1155.0	1320.1
BIG20016040POD/INX	2000	1600	400	Double	500x200	256.4	749.8	937.2	1124.6	1312.1	1499.5
BIG20016050POD/INX	2000	1600	400	Double	500x200	267.1	814.0	1017.5	1221.0	1424.5	1628.0

Single-door cabinets: IP65 / NEMA 1, 4, 4x, 12.
Double-door cabinets: IP55 / NEMA 1, 12.
AISI 304L stainless steel, Scotch 320 satin finish.

For special and double-door cabinets check availability of UL certificate.
VDE certificate available for single-door cabinets.

Supplied with mounting plate. Cable entry lid included.



SEE DIMENSIONS ON PAGE 122-123.
SEE ACCESSORIES ON PAGE 150.



Single-door compact cabinet stainless steel



Double-door compact cabinet stainless steel

Maximum lifting load

Maximum load declared according to the number of lifting eyebolts and the angle of the chain:

4 EYEBOLTS		2 EYEBOLTS	
β ⩽ 90°	90° < β ⩽120°	β ⩽ 90°	90° < β ⩽120°
1250 kg	720 kg	625 kg	360 kg



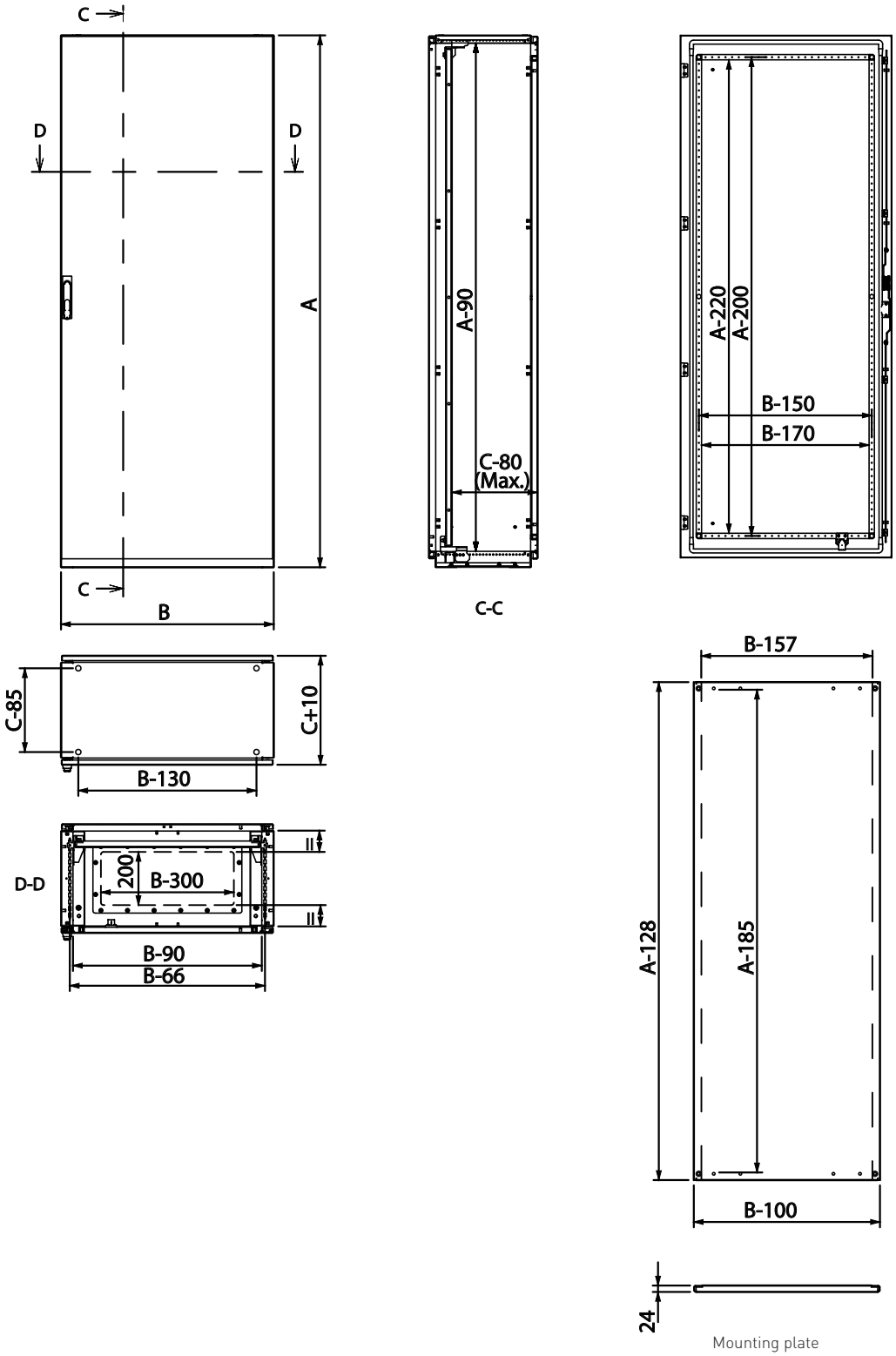
It is not recommended to lift the cabinet when the angle between chains is greater than 120°. The weight must be evenly distributed.



Possibility of adding a compact canopy. For the references see page 174.

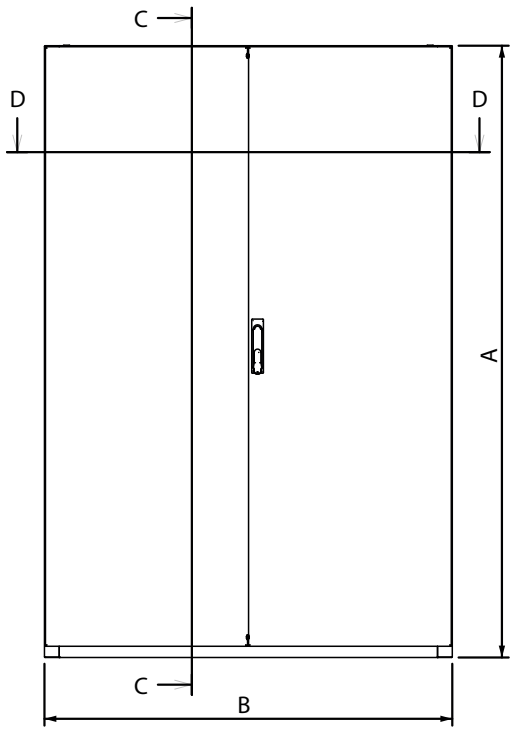
Dimensions: Argenta Plus (BIG)

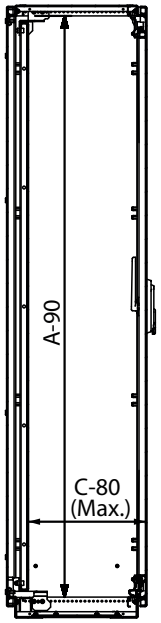
Single-door stainless steel



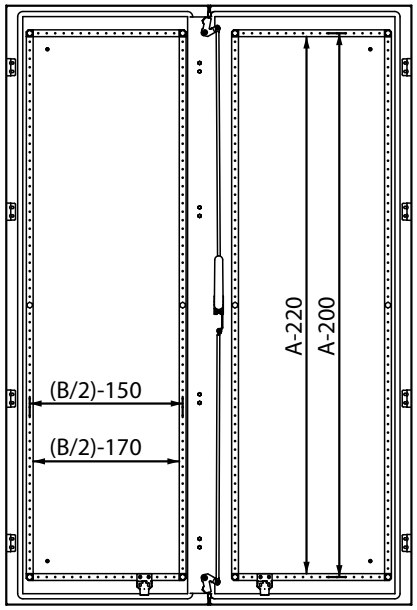
Dimensions: Argenta Plus (BIG)

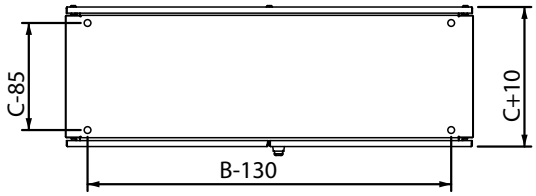
Double-door stainless steel

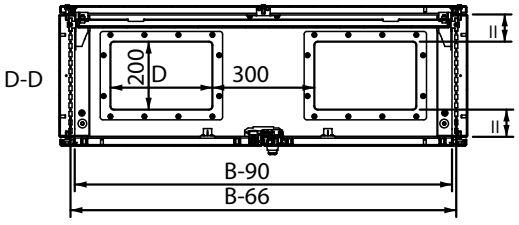


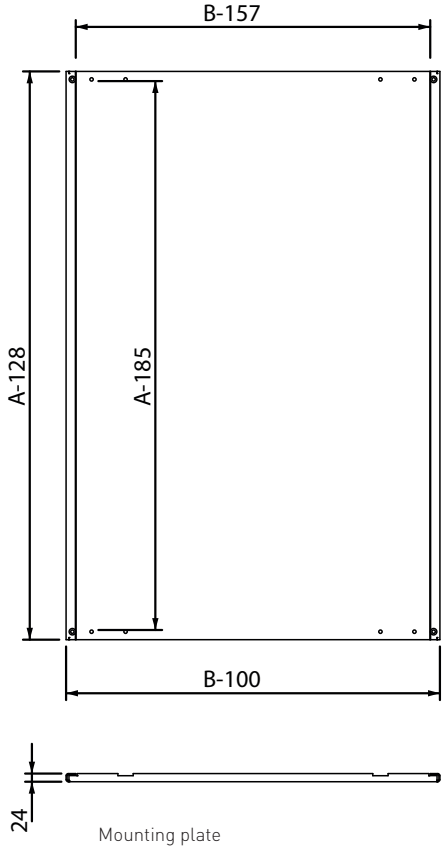


C-C









Mounting plate

ARGENTA PLUS (BIG)

IP55-IP65 Steel floor-standing compact cabinets



Product series (Rolled steel)

Standard:

- Opaque door cabinets with mounting plate.
- Single door up to width of 1000 mm.
- Double door as of width of 1000 mm.
- Height: 1650 - 1800 - 2000 mm.
- Width: 600 - 800 - 1000 - 1200 mm.
- Depth: 400 - 500 mm.

To order:

- Special cabinets, dimensions, cut-outs, colours, etc.

Supply

- Supplied on pallets, protected with honeycomb cardboard corner pieces and shrink-wrap film.
- The plate is supplied assembled.
- Key.

Compact and robust with an enclosure that delivers greater rigidity and maximum flexibility

Material

- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

Finish

- Coated with primer, and hardened polyester RAL 7035 Light Grey paint, embossed, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Primer painting:** Application of a first layer of antioxidant protection primer paint.
- **First firing:** Furnace polymerisation adherence at 170 °C for 10 min.
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.



Enclosure

- Single-piece cabinet enclosure with detachable rear panel. Manufactured in 1.5-mm thick sheet with sealing gasket to guarantee IP protection.
- Four profiles fitted on the corners attached to the enclosure by nut bolts afford the cabinet excellent robustness.

Cable entry

- Cable entry covers with adjustable opening, manufactured in galvanised steel with a thickness of 1.2 mm.
- Covers of 100 mm and 200 mm depending on cabinet depth.
- Brush protection gasket (as accessory).

Insulation kit

- The 48690 insulation kit should be ordered to achieve IP65 protection.

Door

- 2-mm-thick opaque door with 120° reversible opening.
- Four hidden and detachable hinges made of stainless steel.
- Double door from 1000 mm to 1600 mm width.
- Sealing gasket to guarantee the IP protection.
- Reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.

Locks

- Cabinet supplied with key lock mounted.
- 4 point ¼ turn lock, double bit 5mm insert and RAL 5013 Cobalt Blue key lock.
- Internal lock for a double door with a two point locking system.
- To obtain the lift handle, it is necessary to order reference 48633.
- Other types of inserts supplied as accessories.

Mounting plate

- Made from galvanised sheet steel with a thickness of 3 mm, reinforced with C-shaped folds.
- It includes the 4 depth-adjustable supports required for fitting.
- Plates supplied assembled in the cabinet.



ARGENTA PLUS (BIG)

IP55-IP65 Steel floor-standing compact cabinets

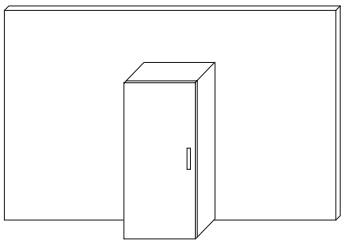
IP65* Floor-standing compact cabinets. Rolled steel. Single-door
With mounting plate

Reference No.	Dimensions			Door type	Cable entry	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	WIDTH X DEPTH	kg	20	25	30	35	40
BIG1656040PO	1650	600	400	PO	370x270	97.6	320.1	400.1	480.2	560.2	640.2
BIG1658040PO	1650	800	400	PO	570x270	117.7	383.2	479.1	574.9	670.7	766.5
BIG16510040PO	1650	1000	400	PO	770x270	142.5	446.4	558.0	669.6	781.2	892.8
BIG1806040PO	1800	600	400	PO	370x270	104.6	345.8	432.3	518.8	605.2	691.7
BIG1808040PO	1800	800	400	PO	570x270	126.3	413.6	517.0	620.4	723.8	827.2
BIG1808050PO	1800	800	500	PO	570x370	133.7	461.6	577.0	692.3	807.7	923.1
BIG18010040PO	1800	1000	400	PO	770x270	152.7	481.4	601.7	722.0	842.4	962.7
BIG18010050PO	1800	1000	500	PO	770x370	160.5	532.4	665.5	798.6	931.7	1064.8
BIG2006040PO	2000	600	400	PO	370x270	113.9	380.2	475.2	570.2	665.3	760.3
BIG2008040PO	2000	800	400	PO	570x270	137.7	454.1	567.6	681.1	794.6	908.2
BIG2008050PO	2000	800	500	PO	570x370	145.5	506.0	632.5	759.0	885.5	1012.0
BIG20010040PO	2000	1000	400	PO	770x270	166.1	528.0	660.0	792.0	924.0	1056.0
BIG20010050PO	2000	1000	500	PO	770x370	174.4	583.0	728.8	874.5	1020.3	1166.0

IP55** Floor-standing compact cabinets. Rolled steel. Double-door
With mounting plate

Reference No.	Dimensions			Door type	Cable entry	Weight	Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	WIDTH X DEPTH	kg	20	25	30	35	40
BIG16510040POD	1650	1000	400	PO	770x270	146.4	446.4	558.0	669.6	781.2	892.8
BIG16512040POD	1650	1200	400	PO	970x270	168.7	509.5	636.9	764.3	891.7	1019.0
BIG18010040POD	1800	1000	400	PO	770x270	157.1	481.4	601.7	722.0	842.4	962.7
BIG18010050POD	1800	1000	500	PO	770x370	164.8	532.4	665.5	798.6	931.7	1064.8
BIG18012040POD	1800	1200	400	PO	970x270	181.0	549.1	686.4	823.7	961.0	1098.2
BIG18012050POD	1800	1200	500	PO	970x370	189.2	603.2	754.1	904.9	1055.7	1206.5
BIG20010040POD	2000	1000	400	PO	770x270	170.9	528.0	660.0	792.0	924.0	1056.0
BIG20010050POD	2000	1000	500	PO	770x370	179.1	583.0	728.8	874.5	1020.3	1166.0
BIG20012040POD	2000	1200	400	PO	970x270	196.9	601.9	752.4	902.9	1053.4	1203.8
BIG20012050POD	20000	1200	500	PO	970x370	205.6	660.0	825.0	990.0	1155.0	1320.0
BIG20016040POD	2000	1600	400	PO	2x(570x270)	260.6	749.8	937.2	1124.6	1312.1	1499.5
BIG20016050POD	2000	1600	500	PO	2x(570x370)	271.3	814.0	1017.5	1221.0	1424.5	1628.0

Single-door cabinets: IP65 / NEMA 1, 4, 12.
Double-door cabinets: IP55 / NEMA 1,12.
Cold rolled steel primed and painted RAL 7035 Light Grey.
Stainless steel hinges.
Supplied with mounting plate. Cable entry lid included.



UL certificate available for widths up to 1200 mm.
For special cabinets, check availability of UL certificate.
VDE Certificate available for single-door cabinets.

* The 48690 insulation kit should be ordered to achieve IP65 protection.
** An interior double lock is needed to achieve IP55 protection. Without double lock, it is IP54.
(A=1650 Ref.: 48483; A=1800 Ref.: 48484; A=2000 Ref.: 48485).

SEE DIMENSIONS ON PAGES 128-129.
SEE ACCESSORIES ON PAGE 150.

Insulation kit



Reference No.	Description
48690	Insulation kit for cable entry lids

Needed to achieve IP65 protection in BIG-type compact cabinets.



Compact single-door cabinet



Compact double-door cabinet

Maximum lifting loads

Maximum load declared according to the number of lifting eyebolts and the angle of the chain:

4 EYEBOLTS		2 EYEBOLTS	
$\beta \leq 90°$	$90° < \beta \leq 120°$	$\beta \leq 90°$	$90° < \beta \leq 120°$
1250 kg	720 kg	625 kg	360 kg

It is not recommended to lift the cabinet when the angle between chains is greater than 120°. The weight must be evenly distributed.



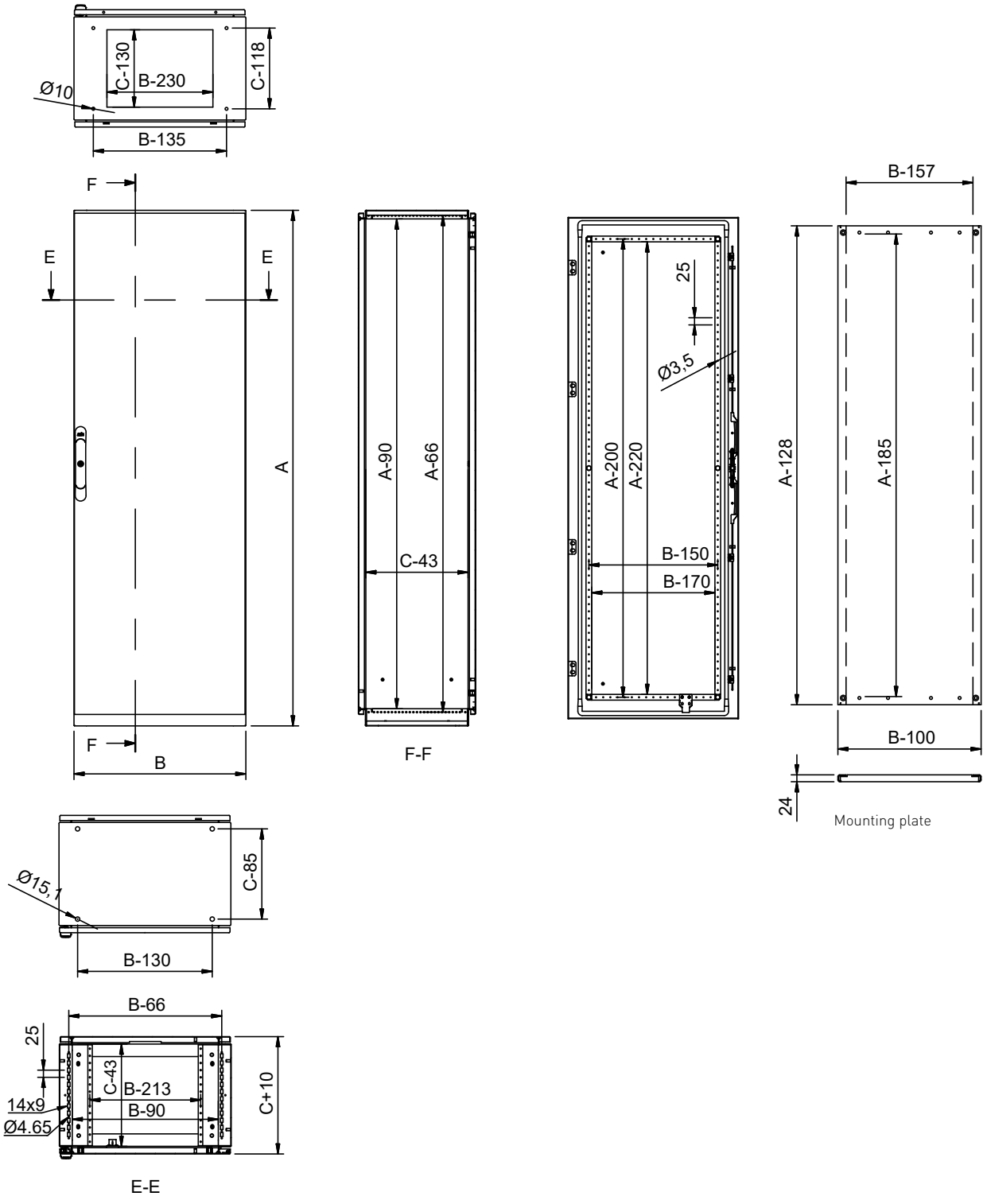


ARGENTA PLUS (BIG)

IP55-IP65 Steel floor-standing compact cabinets

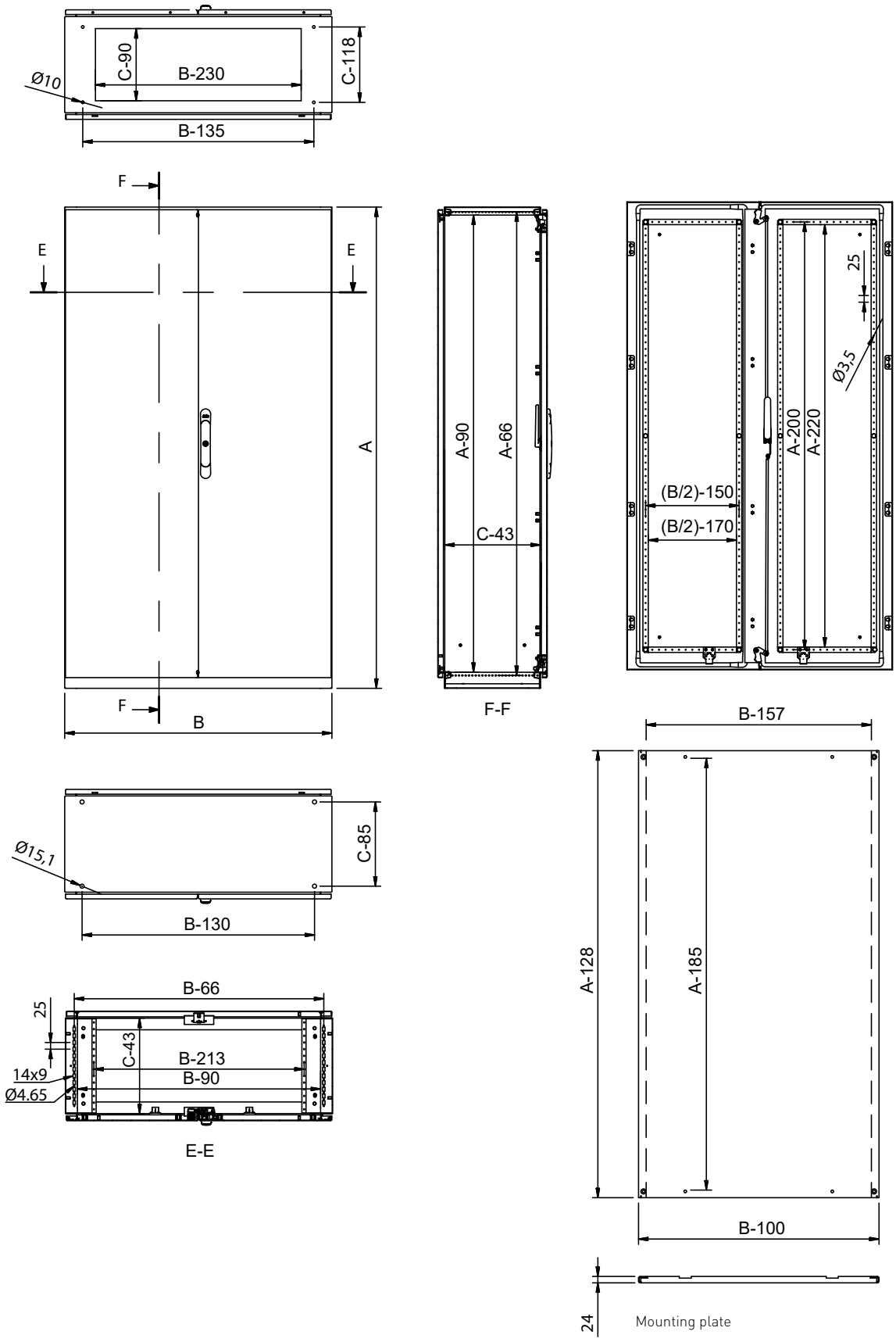
Dimensions: Argenta Plus (BIG)

Single-door rolled steel



Dimensions: Argenta Plus (BIG)

Double-door rolled steel



ARGENTA PLUS (FSC)

IP55-IP65 Steel floor-standing semi-compact cabinets



* Plinth supplied as accessory.

Product series (Rolled steel)

- Opaque and transparent door cabinets without mounting plate.
- Single door up to width of 1000 mm.
- Double door as of width of 1000 mm.
- Height: 1650 - 1800 - 2000 mm.
- Width: 600 - 800 - 1000 - 1200 - 1600 mm.
- Depth: 400 - 500 mm.

Supply

Supplied on pallets, protected with honeycomb cardboard corner pieces and shrink-wrap film. The plate can be supplied assembled on request.

- 2 lifting eyebolts fitted.
- Key.

Professional solutions for projects in engineering. robotics. automation. etc.

Material

- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

Finish

- Coated with primer, and hardened polyester RAL 7035 Light Grey paint, embossed, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Primer painting:** Application of a first layer of antioxidant protection primer paint.
- **First firing:** Furnace polymerisation adherence at 170 °C for 10 min.
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.






Enclosure

Single and symmetrical enclosure comprised of:

- Closed sides made of 1.5-mm thick sheet.
- Exterior profiles with a tubular structure that affords the unit great solidity.
- Metal parts welded internally to the cabinet structure to guarantee maximum rigidity and yield strength.
- Distance between cut-outs is 25 mm.

Rear panels

- Made from sheet with a thickness of 1.5 mm.
- Sealing gasket to guarantee IP55/IP65 protection.
- M6 countersunk screws for attachment.
- Reversible and replaceable with a door (as accessory).

Top cover

- Made from sheet with a thickness of 1.5 mm.
- Sealing gasket to guarantee IP55/IP65 protection.
- M12 bolts for placement.
- Supplied with two lifting eyebolts fitted.
- Includes M8 bolts for earthing.

Cable entry

- Cable entry covers with adjustable opening, manufactured in galvanised steel with a thickness of 1.2 mm.
- Covers of 100 mm and 200 mm depending on cabinet depth.
- Brush protection gasket (as accessory).

Insulation kit

- The 48690 insulation kit should be ordered to achieve IP65 protection.

Door

- Possibility of opaque or transparent door with 120° reversible opening.
- 2-mm thick opaque door.
- 4-mm thick tempered transparent glass door.
- Four hidden and detachable hinges made of stainless steel.
- Double door from 1000 mm to 1600 mm width.
  Transparent door 1000 mm: PT600+PO400.
  Transparent door 1200 mm: PT800+PO400.
- Sealing gasket to guarantee the IP protection.
- Reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Possibility of fitting an inside door in cabinets up to a width of 1200 mm (as accessory).

Locks

- Lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt blue and RAL 7016 Anthracite Grey.
- Internal lock for a double door with a two point locking system.
- The cabinet is supplied with the provisional shutter installed and the lifting handle protected inside the cabinet.
- Other types of inserts supplied as accessories.

Mounting plate

- Made from galvanised sheet steel with a thickness of 3 mm, reinforced with C-shaped folds.
- It includes the 4 depth-adjustable supports for fitting.
- Plates supplied as accessory.






ARGENTA PLUS (FSC)

IP55-IP65 Steel floor-standing semi-compact cabinets

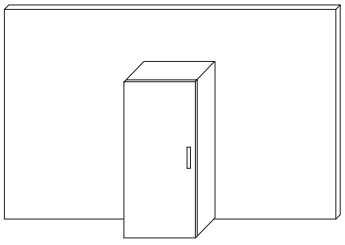
IP65* Floor-standing semi-compact cabinets. Rolled steel. Single-door

Reference No.	Dimensions			Door type		Cable entry	Glass door with transp. panel	Weight		Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	TRANS.	WIDTH X DEPTH	HEIGHT X WIDTH	PO	PT	20	25	30	35	40
FSC1656040PO/SP	1650	600	400	PO	PT	370x310	1436x430	79.0	75.8	320.1	400.1	480.2	560.2	640.2
FSC1658040PO/SP	1650	800	400	PO	PT	570x310	1436x630	92.4	89.4	383.2	479.1	574.9	670.7	766.5
FSC1658050PO/SP	1650	800	500	PO	PT	570x410	1436x630	98.9	95.8	428.2	535.3	642.3	749.4	856.5
FSC16510040PO/SP	1650	1000	400	PO	-	770x310	-	109.9	-	446.4	558.0	669.6	781.2	892.8
FSC16510050PO/SP	1650	1000	500	PO	-	770x410	-	117.0	-	494.5	618.1	741.7	865.3	988.9
FSC1806040PO/SP	1800	600	400	PO	PT	370x310	1586x430	84.3	80.5	345.8	432.3	518.8	605.2	691.7
FSC1808040PO/SP	1800	800	400	PO	PT	570x310	1586x630	98.6	94.5	413.6	517.0	620.4	723.8	827.2
FSC1808050PO/SP	1800	800	500	PO	PT	570x410	1586x630	107.1	101.3	461.6	577.0	692.3	807.7	923.1
FSC18010040PO/SP	1800	1000	400	PO	-	770x310	-	116.8	-	481.4	601.7	722.0	842.4	962.7
FSC18010050PO/SP	1800	1000	500	PO	-	770x410	-	123.6	-	532.4	665.5	798.6	931.7	1064.8
FSC2006040PO/SP	2000	600	400	PO	PT	370x310	1786x430	93.0	86.9	380.2	475.2	570.2	665.3	760.3
FSC2008040PO/SP	2000	800	400	PO	PT	570x310	1786x630	106.5	103.4	454.1	567.6	681.1	794.6	908.2
FSC2008050PO/SP	2000	800	500	PO	PT	570x410	1786x630	113.8	110.8	506.0	632.5	759.0	885.5	1012.0
FSC20010040PO/SP	2000	1000	400	PO	-	770x310	-	125.9	-	528.0	660.0	792.0	924.0	1056.0
FSC20010050PO/SP	2000	1000	500	PO	-	770x410	-	133.8	-	583.0	728.8	874.5	1020.3	1166.0

IP55 Floor-standing semi-compact cabinets. Rolled steel. Double-door

Reference No.	Dimensions			Door type		Cable entry	Glass door with transp. panel	Weight		Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	TRANS.	WIDTH X DEPTH	HEIGHT X WIDTH	PO	PT	20	25	30	35	40
FSC16510040PO/DC	1650	1000	400	PO	PT	770x310	1436x430	114.5	118.6	446.4	558.0	669.6	781.2	892.8
FSC16510050PO/DC	1650	1000	500	PO	PT	770x410	1436x430	121.5	125.7	494.5	618.1	741.7	865.3	988.9
FSC16512040PO/DC	1650	1200	400	PO	PT	970x310	1436x630	130.0	122.9	509.5	636.9	764.3	891.7	1019.0
FSC18010040PO/DC	1800	1000	400	PO	PT	770x310	1586x430	121.9	128.5	481.4	601.7	722.0	842.4	962.7
FSC18010050PO/DC	1800	1000	500	PO	PT	770x410	1586x430	128.7	135.3	532.4	665.5	798.6	931.7	1064.8
FSC18012040PO/DC	1800	1200	400	PO	PT	970x310	1586x630	138.5	145.4	549.1	686.4	823.7	961.0	1098.2
FSC18012050PO/DC	1800	1200	500	PO	PT	970x410	1586x630	146.3	153.3	603.2	754.1	904.9	1055.7	1206.5
FSC18016040PO/DC	1800	1600	400	PO	-	1370x310	-	174.6	-	684.6	855.8	1027.0	1198.1	1369.3
FSC18016050PO/DC	1800	1600	500	PO	-	1370x410	-	183.9	-	744.9	931.2	1117.4	1303.6	1489.8
FSC20010040PO/DC	2000	1000	400	PO	PT	770x310	1786x430	129.1	136.1	528.0	660.0	792.0	924.0	1056.0
FSC20010050PO/DC	2000	1000	500	PO	PT	770x410	1786x430	137.0	144.0	583.0	728.8	874.5	1020.3	1166.0
FSC20012040PO/DC	2000	1200	400	PO	PT	970x310	1786x630	149.1	158.9	601.9	752.4	902.9	1053.4	1203.8
FSC20012050PO/DC	2000	1200	500	PO	PT	970x410	1786x630	156.8	166.6	660.0	825.0	990.0	1155.0	1320.0
FSC20016040PO/DC	2000	1600	400	PO	-	1370x310	-	188.2	-	749.8	937.2	1124.6	1312.1	1499.5
FSC20016050PO/DC	2000	1600	500	PO	-	1370x410	-	197.6	-	814.0	1017.5	1221.0	1424.5	1628.0

Single-door cabinets: IP65 / NEMA 1, 4, 12.
Double-door cabinets: IP55 / NEMA 1, 12.
Cold rolled steel primed and painted RAL 7035 Light Grey.
Double door cabinets with double internal locking system 2 points 1/4 turn incorporated. Stainless steel hinges.
Eyebolts and cable entry lids included. Supplied without mounting plate.



For cabinets with transparent door replace PO with PT. E.g: FSC18010040PT/SP.
Asymmetrical transparent double doors:
Cabinets with a width of 1000: PT600 + PO400 / Cabinets with a width of 1200: PT800 + PO400.
For special cabinets, check availability of UL certificate.

VDE Certificate available for single-door cabinets.

* The 48690 insulation kit should be ordered to achieve IP65 protection.

SEE DIMENSIONS ON PAGES 134-135.
SEE ACCESSORIES ON PAGE 150.

Insulation kit



Reference No.	Description
48690	Insulation kit for cable entry lids

Needed to achieve IP65 protection in FSC-type semi-compact cabinets.



Semi-compact
opaque door cabinet



Semi-compact
opaque double-door cabinet



Semi-compact
transparent door cabinet



Semi-compact
transparent double-door cabinet

Maximum lifting loads

Maximum load declared according to the number of lifting eyebolts and the angle of the chain:

4 EYEBOLTS		2 EYEBOLTS	
$\beta \leq 90°$	$90° < \beta \leq 120°$	$\beta \leq 90°$	$90° < \beta \leq 120°$
1250 kg	720 kg	625 kg	360 kg

It is not recommended to lift the cabinet when the angle between chains is greater than 120°. The weight must be evenly distributed.



FSC

ENL

TRANSPORT

SUPPLY: **CABINET + REF. 48633 + PROVISIONAL SHUTTER**



SHIPPED WITH PROVISIONAL DOOR SHUTTER
PROTECTED HANDLE INSIDE THE CABINET

UPON ARRIVAL



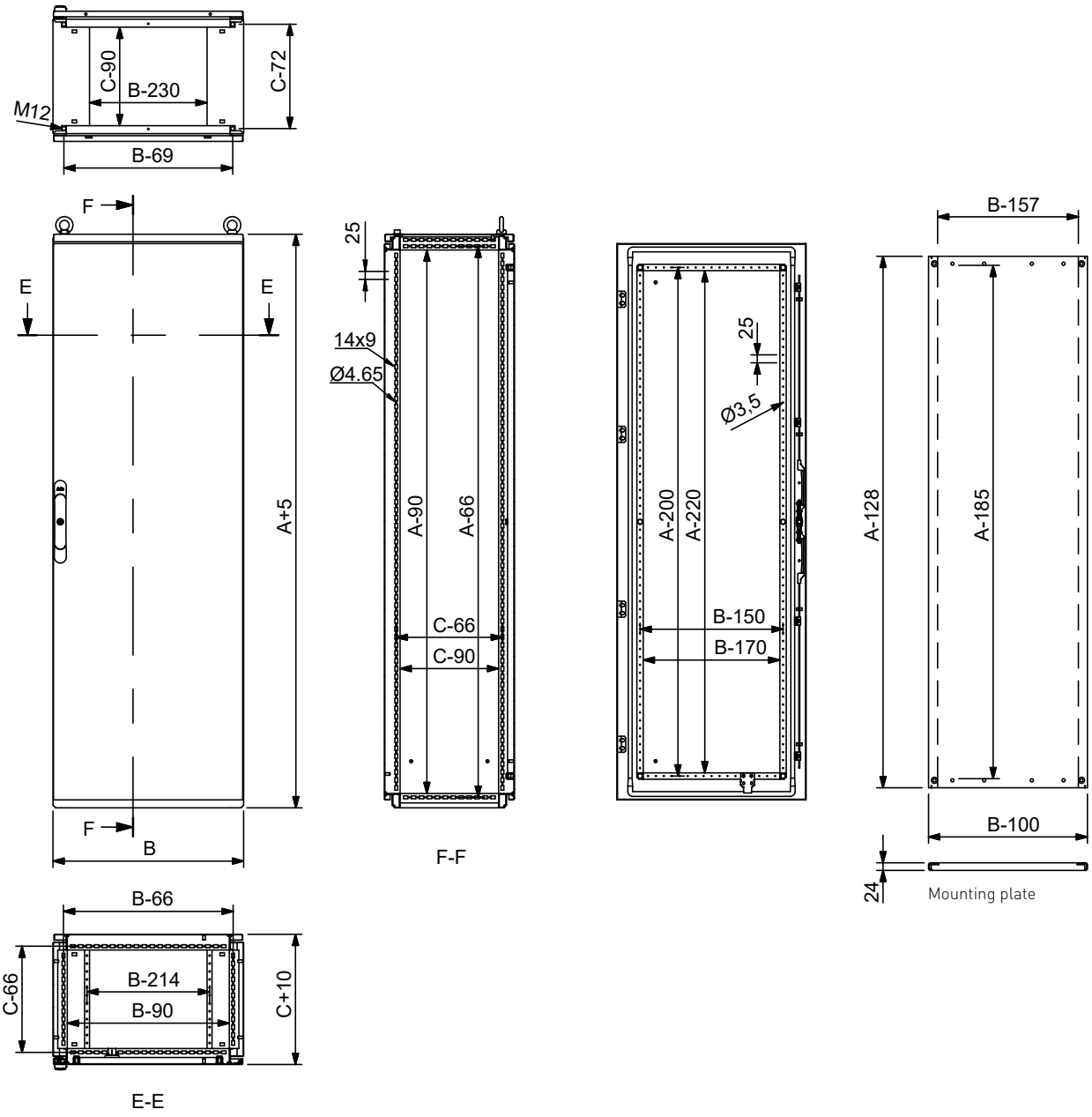
REMOVE THE PROVISIONAL DOOR SHUTTER
EASY LIFT HANDLE INSTALLATION

ARGENTA PLUS (FSC)

IP55-IP65 Steel floor-standing semi-compact cabinets

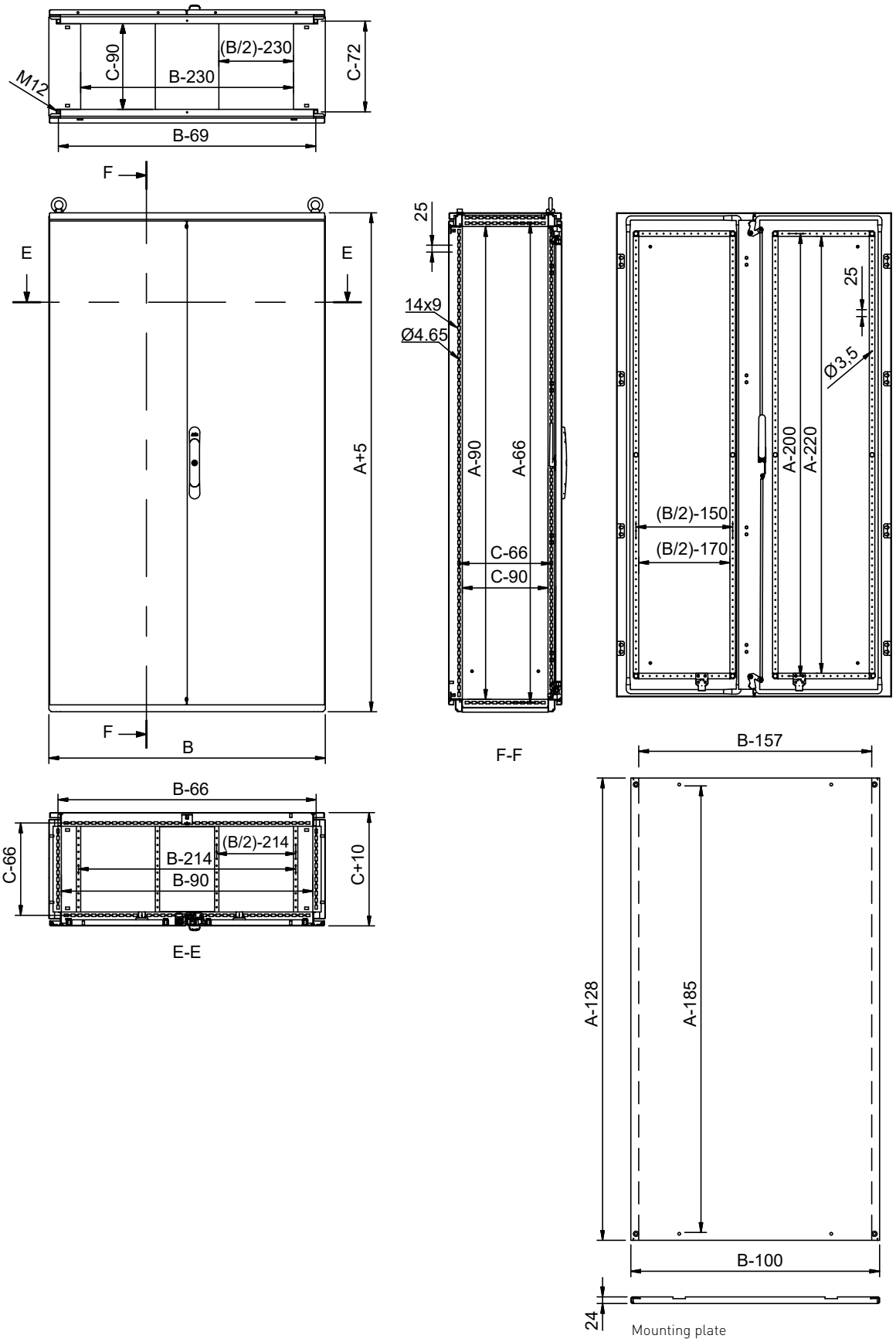
Dimensions: Argenta Plus (FSC)

Single-door rolled steel



Dimensions: Argenta Plus (FSC)

Double-door rolled steel



ARGENTA PLUS (ENL)

IP55 Steel floor-standing combinable cabinets



* Plinth supplied as accessory.

Product series (Rolled steel)

- Opaque and transparent door cabinets without mounting plate.
- Single door up to width of 1000 mm.
- Double door as of width of 1000 mm.
- Height: 1650 - 1800 - 2000 - 2200 mm.
- Width: 600 - 800 - 1000 - 1200 - 1600 mm.
- Depth: 400 - 500 - 600 - 800 - 1000 mm.

Supply

Assembled

- Supplied on pallets, protected with honeycomb cardboard corner pieces and shrink-wrap film.
- The plate and the side panels (if ordered) are supplied attached to the outside of the cabinet on the same pallet.
- Including: 2 lifting eyebolts fitted and key.

Packs

- 5 packs to optimize the handling and transport of these big size cabinets (see references on page 142-145).

Different joining possibilities in order to achieve large-sized structures

Material

- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

Finish

- Coated with primer, and hardened polyester RAL 7035 Light Grey paint, embossed, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Primer painting:** Application of a first layer of antioxidant protection primer paint.
- **First firing:** Furnace polymerisation adherence at 170 °C for 10 min.
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.



Enclosure

- Tubular structure that affords the unit great solidity.
- Insides with square and round cut-outs for fitting accessories. Distance between cut-outs is 25 mm.
- Flat outsides with cut-outs for fixing doors and panels.
- Profiles with parts welded internally to guarantee maximum rigidity and yield strength.
- Reversible in all directions.

Side panels - Rear panel

- Made from sheet with a thickness of 1.5 mm.
- Sealing gasket to guarantee IP55 protection.
- M6 countersunk screws for attachment.
- Side panels: Supplied as an accessory to facilitate cabinet combination.
- Rear panel: Reversible and replaceable with a door (door supplied as accessory).

Top cover

- Made from sheet with a thickness of 1.5 mm.
- Sealing gasket to guarantee IP55 protection.
- M12 bolts for placement.
- Supplied with two lifting eyebolts fitted.
- Includes M8 bolts for earthing.

Cable entry

- Cable entry covers with adjustable opening, manufactured in galvanised steel with a thickness of 1.2 mm.
- Covers of 100 mm and 200 mm depending on cabinet depth.
- Brush protection gasket (as accessory).

Door

- Possibility of opaque or transparent door with 120° reversible opening.
- 2-mm thick opaque door.
- 4-mm thick tempered transparent glass door.
- Four hidden and detachable hinges made of reinforced zamak.
- Double door from 1000 mm to 1600 mm width.
  Transparent door 1000 mm: PT600+PO400.
  Transparent door 1200 mm: PT800+PO400.
- Sealing gasket to guarantee IP55 protection.
- Reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Possibility of fitting an inside door in cabinets up to a width of 1200 mm (as accessory).

Locks

- Lift handle with 4 locking points, 5 mm double bit insert RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
- Internal lock for a double door with a two point locking system.
- The cabinet is supplied with the provisional shutter installed and the lifting handle protected inside the cabinet.
- Other types of inserts supplied as accessories.

Mounting plate

- Made from galvanised sheet steel with a thickness of 3 mm, reinforced with C-shaped folds.
- It includes the 4 depth-adjustable supports required for fitting.
- Plates supplied as accessory.



ARGENTA PLUS (ENL)

IP55 Steel floor-standing combinable cabinets

IP55 Floor-standing combinable cabinets. Rolled steel. Single-door

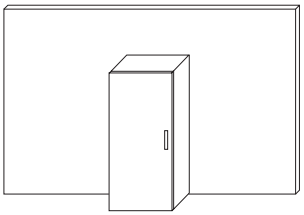
Reference No.	Dimensions			Door		Cable entry	Glass door with transparent panel	Weight		Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	TRANS.	WIDTH X DEPTH	HEIGHT X WIDTH	PO	PT	20	25	30	35	40
ENL1656050PO/SP	1650	600	500	PO	PT	370x410	1436x430	72.7	69.4	362.0	452.5	543.0	633.5	724.0
ENL1656060PO/SP	1650	600	600	PO	PT	370x510	1436x430	74.9	71.6	403.9	504.9	605.9	706.9	807.8
ENL1658050PO/SP	1650	800	500	PO	PT	570x410	1436x630	86.3	81.5	428.2	535.3	642.3	749.4	856.5
ENL1658060PO/SP	1650	800	600	PO	PT	570x510	1436x630	88.9	84.1	473.2	591.5	709.8	828.1	946.4
ENL16510050PO/SP	1650	1000	500	PO	-	770x410	-	104.8	-	494.5	618.1	741.7	865.3	988.9
ENL16510060PO/SP	1650	1000	600	PO	-	770x510	-	108.0	-	542.5	678.2	813.8	949.4	1085.0
ENL1806040PO/SP	1800	600	400	PO	PT	370x310	1586x430	74.4	70.6	345.8	432.3	518.8	605.2	691.7
ENL1806050PO/SP	1800	600	500	PO	PT	370x410	1586x430	76.8	73.0	390.7	488.4	586.1	683.8	781.4
ENL1806060PO/SP	1800	600	600	PO	PT	370x510	1586x430	79.0	75.2	435.6	544.5	653.4	762.3	871.2
ENL1808040PO/SP	1800	800	400	PO	PT	570x310	1586x630	88.4	82.7	413.6	517.0	620.4	723.8	827.2
ENL1808050PO/SP	1800	800	500	PO	PT	570x410	1586x630	91.3	85.5	461.6	577.0	692.3	807.7	923.1
ENL1808060PO/SP	1800	800	600	PO	PT	570x510	1586x630	93.9	88.2	509.5	636.9	764.3	891.7	1019.0
ENL18010040PO/SP	1800	1000	400	PO	-	770x310	-	107.3	-	481.4	601.7	722.0	842.4	962.7
ENL18010050PO/SP	1800	1000	500	PO	-	770x410	-	110.8	-	532.4	665.5	798.6	931.7	1064.8
ENL18010060PO/SP	1800	1000	600	PO	-	770x510	-	114.0	-	583.4	729.3	875.2	1021.0	1166.9
ENL2006040PO/SP	2000	600	400	PO	PT	370x310	1786x430	79.5	75.3	380.2	475.2	570.2	665.3	760.3
ENL2006050PO/SP	2000	600	500	PO	PT	370x410	1786x430	81.9	77.7	429.0	536.3	643.5	750.8	858.0
ENL2006060PO/SP	2000	600	600	PO	PT	370x510	1786x430	84.1	79.9	477.8	597.3	716.8	836.2	955.7
ENL2006080PO/SP	2000	600	800	PO	PT	370x710	1786x430	88.5	84.4	575.5	719.4	863.3	1007.2	1151.0
ENL20060100PO/SP	2000	600	1000	PO	PT	370x910	1786x430	93.3	89.2	673.2	841.5	1009.8	1178.1	1346.4
ENL2008040PO/SP	2000	800	400	PO	PT	570x310	1786x630	94.6	89.9	454.1	567.6	681.1	794.6	908.2
ENL2008050PO/SP	2000	800	500	PO	PT	570x410	1786x630	97.5	92.8	506.0	632.5	759.0	885.5	1012.0
ENL2008060PO/SP	2000	800	600	PO	PT	570x510	1786x630	100.1	95.4	557.9	697.4	836.9	976.4	1115.8
ENL2008080PO/SP	2000	800	800	PO	PT	570x710	1786x630	105.5	100.8	661.8	827.2	992.6	1158.1	1323.5
ENL20080100PO/SP	2000	800	1000	PO	PT	570x910	1786x630	111.2	106.5	765.6	957.0	1148.4	1339.8	1531.2
ENL20010040PO/SP	2000	1000	400	PO	-	770x310	-	114.6	-	528.0	660.0	792.0	924.0	1056.0
ENL20010050PO/SP	2000	1000	500	PO	-	770x410	-	118.1	-	583.0	728.8	874.5	1020.3	1166.0
ENL20010060PO/SP	2000	1000	600	PO	-	770x510	-	121.3	-	638.0	797.5	957.0	1116.5	1276.0
ENL20010080PO/SP	2000	1000	800	PO	-	770x710	-	127.8	-	748.0	935.0	1122.0	1309.0	1496.0
ENL2206060PO/SP	2200	600	600	PO	-	370x510	-	90.2	-	520.1	650.1	780.1	910.1	1040.2
ENL22060100PO/SP	2200	600	1000	PO	PT	370x910	1986x430	99.4	94.8	731.3	914.1	1096.9	1279.7	1462.6
ENL2208060PO/SP	2200	800	600	PO	PT	570x510	1986x630	107.4	99.5	606.3	757.9	909.5	1061.1	1212.6
ENL2208080PO/SP	2200	800	800	PO	PT	570x710	1986x630	112.8	104.9	718.1	897.6	1077.1	1256.6	1436.2
ENL22080100PO/SP	2200	800	1000	PO	PT	570x910	1986x630	118.5	110.6	829.8	1037.3	1244.8	1452.2	1659.7

IP55 / NEMA 1, 12.
Cold rolled steel primed and painted RAL 7035 Light Grey.
Eyebolts and cable entry lids included.
Supplied without mounting plates or side panels.

Cabinets with 2200 mm height and 1000 mm depth do not have UL certificate.
For special cabinets, check availability of UL certificate.
VDE Certificate available for single-door cabinets.

For cabinets with transparent door replace PO with PT.
E.g: ENL18010040PT/SP.

SEE DIMENSIONS ON PAGE 146.
SEE ACCESSORIES ON PAGE 150.



Side panels



Reference No.	Dimensions		Sheet thickness
	HEIGHT	DEPTH	
PLA16550	1650	500	1.5
PLA16560	1650	600	1.5
PLA18040	1800	400	1.5
PLA18050	1800	500	1.5
PLA18060	1800	600	1.5
PLA20040	2000	400	1.5
PLA20050	2000	500	1.5
PLA20060	2000	600	1.5
PLA20080	2000	800	1.5
PLA200100	2000	1000	1.5
PLA22060	2200	600	1.5
PLA22080	2200	800	1.5
PLA220100	2200	1000	1.5

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
SUPPLY: Pack of 2 panels.



Single-door opaque combinable cabinet



Single-door transparent combinable cabinet

Maximum lifting loads

Maximum load declared according to the number of lifting eyebolts and the angle of the chain:

4 EYEBOLTS		2 EYEBOLTS	
β ⩽ 90°	90° < β ⩽120°	β ⩽ 90°	90° < β ⩽120°
1250 kg	720 kg	625 kg	360 kg

It is not recommended to lift the cabinet when the angle between chains is greater than 120°. The weight must be evenly distributed.

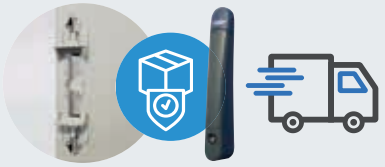


FSC

ENL

TRANSPORT

SUPPLY: **CABINET + REF. 48633 + PROVISIONAL SHUTTER**



SHIPPED WITH PROVISIONAL DOOR SHUTTER
PROTECTED HANDLE INSIDE THE CABINET

UPON ARRIVAL



REMOVE THE PROVISIONAL DOOR SHUTTER
EASY LIFT HANDLE INSTALLATION

ARGENTA PLUS (ENL)

IP55 Steel floor-standing combinable cabinets

IP55 Floor-standing combinable cabinets. Rolled steel. Double-door

Reference No.	Dimensions			Door		Cable entry	Glass door with transparent panel	Weight		Power dissipation according to temperature increase °C P(W)				
	A	B	C	OPAQUE	TRANS.	WIDTH X DEPTH	HEIGHT X WIDTH	PO	PT	20	25	30	35	40
ENL16510050PO/DC	1650	1000	500	PO	PT	770x410	1436x420	109.4	113.2	494.5	618.1	741.7	865.3	988.9
ENL16510060PO/DC	1650	1000	600	PO	PT	770x510	1436x420	112.7	116.4	542.5	678.2	813.8	949.4	1085.0
ENL16512050PO/DC	1650	1200	500	PO	PT	970x410	1436x620	124.9	117.8	560.7	700.8	841.0	981.2	1121.3
ENL16512060PO/DC	1650	1200	600	PO	PT	970x510	1436x620	128.5	121.3	611.8	764.8	917.7	1070.7	1223.6
ENL18010040PO/DC	1800	1000	400	PO	PT	770x310	1586x420	112.4	116.3	481.4	601.7	722.0	842.4	962.7
ENL18010050PO/DC	1800	1000	500	PO	PT	770x410	1586x420	115.8	119.8	532.4	665.5	798.6	931.7	1064.8
ENL18010060PO/DC	1800	1000	600	PO	PT	770x510	1586x420	119.1	123.0	583.4	729.3	875.2	1021.0	1166.9
ENL18012040PO/DC	1800	1200	400	PO	PT	970x310	1586x620	128.3	135.3	549.1	686.4	823.7	961.0	1098.2
ENL18012050PO/DC	1800	1200	500	PO	PT	970x410	1586x620	132.2	139.2	603.2	754.1	904.9	1055.7	1206.5
ENL18012060PO/DC	1800	1200	600	PO	PT	970x510	1586x620	135.9	142.9	657.4	821.7	986.0	1150.4	1314.7
ENL18016040PO/DC	1800	1600	400	PO	-	1370x310	-	167.6	-	684.6	855.8	1027.0	1198.1	1369.3
ENL18016050PO/DC	1800	1600	500	PO	-	1370x410	-	172.9	-	744.9	931.2	1117.4	1303.6	1489.8
ENL20010040PO/DC	2000	1000	400	PO	PT	770x310	1786x420	120.2	124.9	528.0	660.0	792.0	924.0	1056.0
ENL20010050PO/DC	2000	1000	500	PO	PT	770x410	1786x420	123.4	128.3	583.0	728.8	874.5	1020.3	1166.0
ENL20010060PO/DC	2000	1000	600	PO	PT	770x510	1786x420	126.8	131.5	638.0	797.5	957.0	1116.5	1276.0
ENL20010080PO/DC	2000	1000	800	PO	PT	770x710	1786x420	133.2	138.1	748.0	935.0	1122.0	1309.0	1496.0
ENL20012040PO/DC	2000	1200	400	PO	PT	970x310	1786x620	137.2	147.0	601.9	752.4	902.9	1053.4	1203.8
ENL20012050PO/DC	2000	1200	500	PO	PT	970x410	1786x620	141.1	150.9	660.0	825.0	990.0	1155.0	1320.0
ENL20012060PO/DC	2000	1200	600	PO	PT	970x510	1786x620	144.8	154.6	718.1	897.6	1077.1	1256.6	1436.2
ENL20012080PO/DC	2000	1200	800	PO	PT	970x710	1786x620	152.2	162.0	834.2	1042.8	1251.4	1459.9	1668.5
ENL20016040PO/DC	2000	1600	400	PO	-	1370x310	-	179.4	-	749.8	937.2	1124.6	1312.1	1499.5
ENL20016050PO/DC	2000	1600	500	PO	-	1370x410	-	184.7	-	814.0	1017.5	1221.0	1424.5	1628.0
ENL20016060PO/DC	2000	1600	600	PO	-	1370x510	-	190.3	-	879.2	1097.8	1317.4	1536.9	1756.5
ENL20016080PO/DC	2000	1600	800	PO	-	1370x710	-	200.1	-	1006.7	1258.4	1510.1	1761.8	2013.4

IP55 / NEMA 1,12.

Cold rolled steel primed and painted RAL 7035 Light Grey.

Eyebolts and cable entry lids included.

Supplied without mounting plates or side panels.

Double door cabinets with double internal locking system 2 points 1/4 turn incorporated. Stainless steel hinges.

For cabinets with transparent door replace PO with PT. E.g: ENL18010040PT/DC.

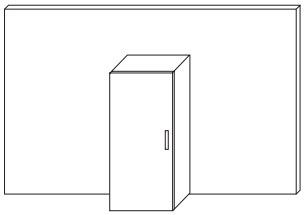
Asymmetrical transparent double doors:

Cabinets with 1000 width: PT600 + PO400 / Cabinets with 1200 width: PT800 + PO400.

For special cabinets, check availability of UL certificate.

VDE Certificate available for single-door cabinets.

SEE DIMENSIONS ON PAGE 147.
SEE ACCESSORIES ON PAGE 150.



Side panels



Reference No.	Dimensions		Sheet thickness
	HEIGHT	DEPTH	
PLA16550	1650	500	1.5
PLA16560	1650	600	1.5
PLA18040	1800	400	1.5
PLA18050	1800	500	1.5
PLA18060	1800	600	1.5
PLA20040	2000	400	1.5
PLA20050	2000	500	1.5
PLA20060	2000	600	1.5
PLA20080	2000	800	1.5
PLA200100	2000	1000	1.5
PLA22060	2200	600	1.5
PLA22080	2200	800	1.5
PLA220100	2200	1000	1.5

MATERIAL: Cold rolled steel primed and painted RAL 7035 Light Grey.
SUPPLY: Pack of 2 panels.



Double-door opaque combinable cabinet



Double-door transparent combinable cabinet

Maximum lifting loads

Maximum load declared according to the number of lifting eyebolts and the angle of the chain:

4 EYEBOLTS		2 EYEBOLTS	
β ⩽ 90°	90° < β ⩽120°	β ⩽ 90°	90° < β ⩽120°
1250 kg	720 kg	625 kg	360 kg

It is not recommended to lift the cabinet when the angle between chains is greater than 120°. The weight must be evenly distributed.

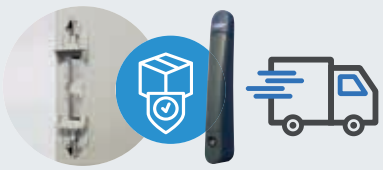


FSC

ENL

TRANSPORT

SUPPLY: **CABINET + REF. 48633 + PROVISIONAL SHUTTER**



SHIPPED WITH PROVISIONAL DOOR SHUTTER
PROTECTED HANDLE INSIDE THE CABINET

UPON ARRIVAL



REMOVE THE PROVISIONAL DOOR SHUTTER
EASY LIFT HANDLE INSTALLATION

ARGENTA PLUS (ENL)

IP55 Steel floor-standing combinable cabinets

PACK 1: Vertical uprights



Reference No.	For cabinet	Pack
	HEIGHT	
PV1650	1650	4 Units
PV1800	1800	4 Units
PV2000	2000	4 Units
PV2200	2200	4 Units

MATERIAL: Tubular structure, giving the product a great robustness.
CHARACTERISTICS: Pack of 4 vertical profiles. The inner sides have rectangular and round cut-outs to fix accessories. The outer sides are flat with cut-outs to fix doors and panels.
Fully reversibles.

PACK 2: Bottom frame and top frame (with roof)



Reference No.	For cabinet	
	WIDTH	DEPTH
PSI3040	300	400
PSI3050	300	500
PSI3060	300	600
PSI3080	300	800
PSI4040	400	400
PSI4050	400	500
PSI4060	400	600
PSI4080	400	800
PSI6040	600	400
PSI6050	600	500
PSI6060	600	600
PSI6080	600	800
PSI60100	600	1000
PSI8040	800	400
PSI8050	800	500
PSI8060	800	600
PSI8080	800	800
PSI80100	800	1000
PSI10040	1000	400
PSI10050	1000	500
PSI10060	1000	600
PSI10080	1000	800
PSI12040	1200	400
PSI12050	1200	500
PSI12060	1200	600
PSI12080	1200	800
PSI16040	1600	400
PSI16050	1600	500

MATERIAL: Top and bottom lid made in RAL 7035 Light Grey painted sheet steel, with a thickness of 1.5 mm and with sealing gasket to guarantee the IP protection. Cable entry lid made in 2-mm thick galvanised steel.
CHARACTERISTICS: It includes upper and lower frames, top and bottom lids,cable entry lid and bag with all the screws and assembly elements.

PACK 3: Rear panel

MATERIAL: Made in 1.5-mm thick cold-rolled steel primed and painted RAL 7035 Light Grey, with sealing gasket to guarantee IP protection.
CHARACTERISTICS: It includes rear panel with supports, M6 countersunk screws and washers for attachment.
* A PVC profile must be ordered for 1600 mm width cabinet, depending on the height of the cabinet.

Reference No.	For cabinet		Pack
	HEIGHT	WIDTH	
PAT16560	1650	600	1 Unit
PAT16580	1650	800	1 Unit
PAT165100	1650	1000	1 Unit
PAT165120	1650	1200	1 Unit
PAT18030	1800	300	1 Unit
PAT18040	1800	400	1 Unit
PAT18060	1800	600	1 Unit
PAT18080	1800	800	1 Unit
PAT180100	1800	1000	1 Unit
PAT180120	1800	1200	1 Unit
PAT180160*	1800	1600	1 Unit
PAT20030	2000	300	1 Unit
PAT20040	2000	400	1 Unit
PAT20060	2000	600	1 Unit
PAT20080	2000	800	1 Unit
PAT200100	2000	1000	1 Unit
PAT200120	2000	1200	1 Unit
PAT200160*	2000	1600	1 Unit
PAT22030	2200	300	1 Unit
PAT22040	2200	400	1 Unit
PAT22060	2200	600	1 Unit
PAT22080	2200	800	1 Unit



Central vertical profiles

Reference No.	For cabinet		Pack
	HEIGHT	WIDTH	
PVC1800	1800	1600	1 Unit
PVC2000	2000	1600	1 Unit

MATERIAL: Cold rolled steel painted RAL 7035 Light Grey.
CHARACTERISTICS: For 1600 mm width cabinet, it is necessary to request the PVC profile depending on the height of the cabinet.
FOR THE FOLLOWING CABINETS: ENL.

PACK 4: Side panels



Reference No.	For cabinet		Pack
	HEIGHT	DEPTH	
PLA16550	1650	500	2 Units
PLA16560	1650	600	2 Units
PLA18040	1800	400	2 Units
PLA18050	1800	500	2 Units
PLA18060	1800	600	2 Units
PLA20040	2000	400	2 Units
PLA20050	2000	500	2 Units
PLA20060	2000	600	2 Units
PLA20080	2000	800	2 Units
PLA200100	2000	1000	2 Units
PLA22060	2200	600	2 Units
PLA22080	2200	800	2 Units
PLA220100	2200	1000	2 Units

MATERIAL: Made in 1.5-mm thick cold-rolled steel primed and painted RAL 7035 Light Grey, with sealing gasket to guarantee IP protection.
CHARACTERISTICS: 2-panel pack. It includes M6 countersunk fixing.

PACK 5: Doors

Single opaque doors



Reference No.	For cabinet	
	HEIGHT	WIDTH
PO16560	1650	600
PO16580	1650	800
PO165100	1650	1000
PO18030	1800	300
PO18040	1800	400
PO18060	1800	600
PO18080	1800	800
PO180100	1800	1000
PO20030	2000	300
PO20040	2000	400
PO20060	2000	600
PO20080	2000	800
PO200100	2000	1000
PO22030	2200	300
PO22040	2200	400
PO22060	2200	600
PO22080	2200	800

MATERIAL: Cold-rolled steel with a thickness of 2 mm, primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Door reinforcement profiles, lock elements, hinges and door retainers are included.
Lift handle with 4 locking points, 5 mm double bit insert RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
Internal lock for a double door with a two point locking system.
Reversible doors with 120° opening. Check availability for transparent doors.

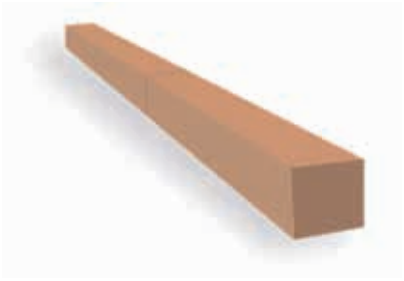
Double opaque symmetrical doors



Reference No.	For cabinet	
	HEIGHT	WIDTH
PODCS165100	1650	1000
PODCS165120	1650	1200
PODCS180100	1800	1000
PODCS180120	1800	1200
PODCS180160	1800	1600
PODCS200100	2000	1000
PODCS200120	2000	1200
PODCS200160	2000	1600

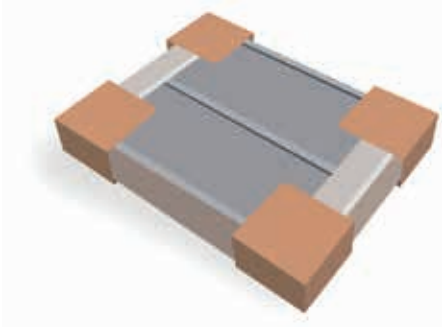
MATERIAL: Cold-rolled steel 2 mm thick. Primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Two doors per reference are supplied, lock elements, hinges and door retainers.
Lift handle with 4 locking points, 5 mm double bit insert RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
Internal lock for a double door with a two point locking system.
Doors with 120° opening, reversible.

Supply



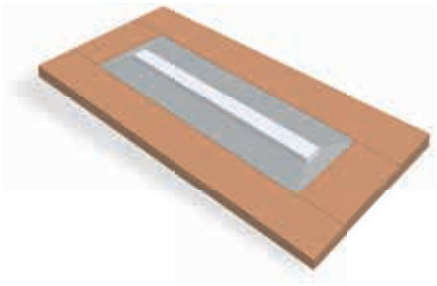
PACK 1:
VERTICAL UPRIGHTS

The four profiles are supplied in pack and protected by cardboard.



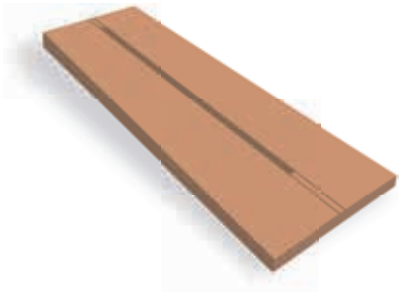
PACK 2:
BOTTOM AND TOP FRAMES

Lids are screwed in the bottom frame. Top and bottom lids are protected by a cardboard pad. The corners are protected by cardboard corner pieces.
The whole set is film shrink-wrapped.



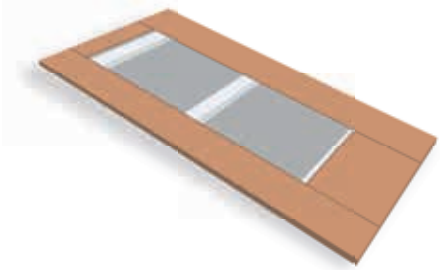
PACK 3:
REAR PANEL

Packed and protected by a cardboard pad. Between the panel and the cardboard pad. EPS HD strips are placed to avoid deformations, at the top, at the bottom and onto the rear side along the panel. The whole set is film shrink-wrapped.



PACK 4:
SIDE PANELS

Packed and protected by a cardboard pad. Between the panels and the cardboard pad. EPS HD strips are placed to avoid deformations, at the top, at the bottom and onto the rear side along the panels. The whole set is film shrink-wrapped.



PACK 5:
DOORS

SINGLE DOOR: Packed and protected by a cardboard pad. Between the door and the cardboard pad. EPS HD strips are placed to avoid deformations, at the top, at the bottom and onto the rear side along the door. The whole set is film shrink-wrapped.



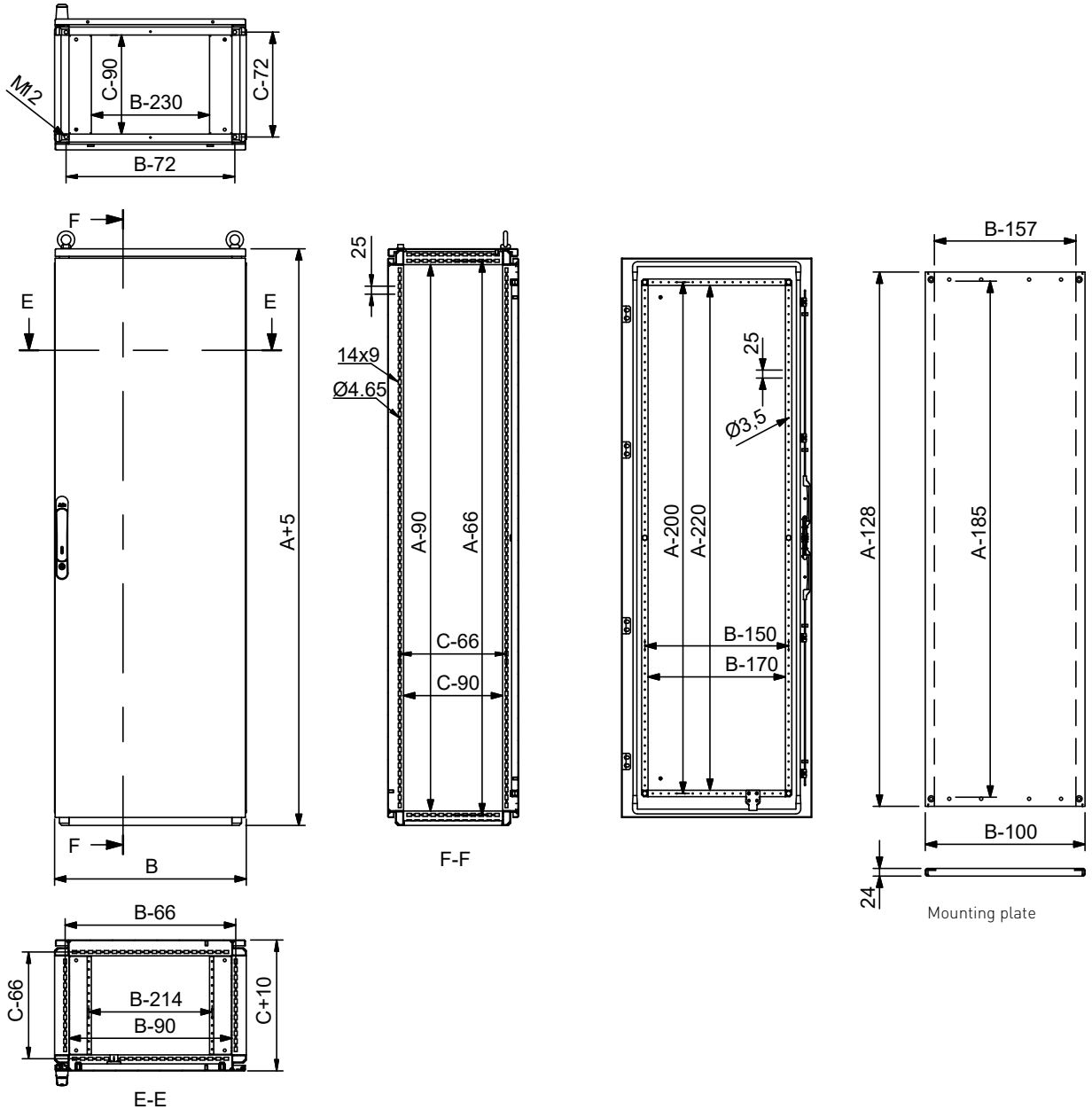
DOUBLE DOOR: Packed and protected by a cardboard pad. Both doors are packed together, above one another, separated by EPS HD strips. Between the doors and the cardboard pad. EPS HD strips are placed to avoid deformations, at the top, at the bottom and onto the rear side along the door. The whole set is film shrink-wrapped.

ARGENTA PLUS (ENL)

IP55 Steel floor-standing combinable cabinets

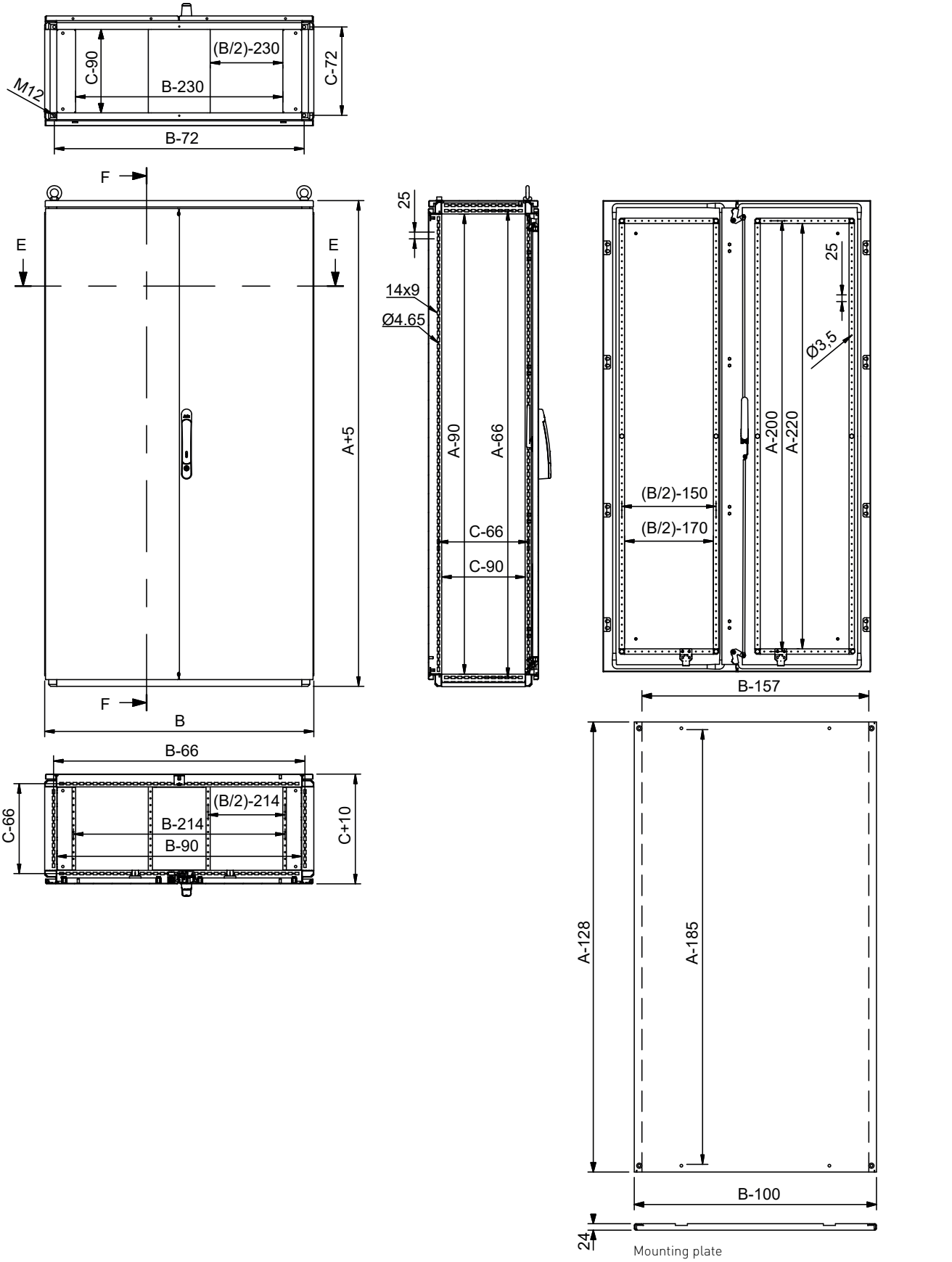
Dimensions: Argenta Plus (ENL)

Single-door rolled steel



Dimensions: Argenta Plus (ENL)

Double-door rolled steel



ARGENTA PLUS

IP55 PC control cabinet

IP55 PC control cabinet



Reference No.	Dimensions	Cable entry	
TRANS. DISPLAY DOOR	HEIGHT X WIDTH X DEPTH	WIDTH	DEPTH
ENLPC1656060	1650x600x600	370	510
ENLPC1656080	1650x600x800	370	710
OPAQUE DISPLAY DOOR			
ENLPC1656060/PMO	1650	370	510

MATERIAL: Cold-rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Multi-function cabinet for PC for industrial environments.
IP55 degree of protection.
Partial front doors that restrict access to each function by means of slot-type locks.
Keyboard cover with keyless wing nut lock.
Partial upper door with glass for up to 19'' display.
Opaque door at bottom supplied with key lock mounted.
Area for holding CPU, printers, etc., with the possibility of adding trays.
Retractable keyboard tray to support mouse on right or left.
Display tray included.
It is supplied with 2 lifting eyebolts to facilitate transport.
SUPPLY: Supplied on pallets, protected with honeycomb cardboard corner pieces and shrink-wrap film.

Fixed trays for PC control cabinets



Reference No.	Dimensions	For cabinet	
	WIDTH X DEPTH	WIDTH	DEPTH
BNF6040	600x320	600	400
BNF6060	600x520	600	600
BNF6080	600x720	600	800

MATERIAL: Galvanised steel.
CHARACTERISTICS: Trays that are secured to the bottom of the PC control cabinet for holding CPU, printers, etc. Max. Load: 100 kg.
For assembly, a set of PME profiles with the same depth as the cabinet is needed (see page 170).
They are supplied with all the screws required for installation.

19'' rack type assembly profiles for PC control cabinets



Reference No.	Description	Assembly units	Pack
PMR19/10U	19'' rack profile	10 U	2-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: For assembly, 2 sets of PME or PMI profiles with the same depth as the cabinet are needed (see page 170-171).
MATERIAL: Galvanised steel.
SUPPLY: Pack of 2 pieces + screws

Locks for PC control cabinets



Ref. 48526



Ref. 48527

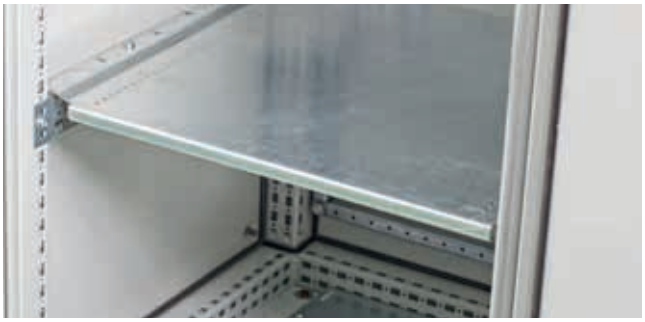


Ref. 48528

Reference No.	Description	Pack
48526	1/4 turn lock with slot 1.5x3	2-piece pack
48527	1/4 turn lock with wing nut without key	2-piece pack
48528	1/4 turn lock with wing nut + key code 2233	2-piece pack

MATERIAL: Zamak.
CHARACTERISTICS: Locks for fitting to PC control cabinets.
IP55 degree of protection.
SUPPLY: Pack of 2 pieces.









ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Total plain mounting plates



Reference No.	Dimensions	For cabinet	
	HEIGHT X WIDTH	HEIGHT	WIDTH
PL16560	1522x500	1650	600
PL16580	1522x700	1650	800
PL165100	1522x900	1650	1000
PL165120	1522x1100	1650	1200
PL18040	1672x300	1800	400
PL18060	1672x500	1800	600
PL18080	1672x700	1800	800
PL180100	1672x900	1800	1000
PL180120	1672x1100	1800	1200
PL180160	1672x1500	1800	1600
PL20040	1872x300	2000	400
PL20060	1872x500	2000	600
PL20080	1872x700	2000	800
PL200100	1872x900	2000	1000
PL200120	1872x1100	2000	1200
PL200160	1872x1500	2000	1600
PL22040	2072x300	2200	400
PL22060	2072x500	2200	600
PL22080	2072x700	2200	800

48471 or 48627 assembly supports must be ordered to install the plates

Reference No.	Description	Pack
48471	Total plate assembly supports	4-piece pack
48627	Central reinforcement support for plate wide 1600 mm	-

MATERIAL: 3 mm-thick galvanised sheet steel.

CHARACTERISTICS: Reinforced with C-shaped folds. Depth-adjustable, 12.5 mm adjustment. The PLC-type linking plates can be assembled in units consisting of two or more cabinets (see page 151).

Maximum load on plate: 600 kg.

FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Parcial plain mounting plates



Plates with rounded sharp edges to avoid cuts during use.
The 1600 mm wide plate is made from a single piece.

MATERIAL: Galvanised sheet steel.

CHARACTERISTICS: Reinforced with C-shaped folds. Depth-adjustable, 12.5 mm adjustment. The PLC-type linking plates can be assembled in units consisting of two or more cabinets (see page 151). Attachment to the structure's vertical profiles.

Maximum load on plate: 600 kg.

FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Reference No.	Dimensions	Sheet thickness	For cabinet
	HEIGHT X WIDTH		WIDTH
PLP2040	200x300	2	400
PLP2060	200x500	2	600
PLP2080	200x700	2	800
PLP20100	200x900	2	1000
PLP20120	200x1100	2	1200
PLP3040	300x300	2	400
PLP3060	300x500	2	600
PLP3080	300x700	2	800
PLP30100	300x900	3	1000
PLP30120	300x1100	3	1200
PLP30160	300x1500	3	1600
PLP4040	400x300	2	400
PLP4060	400x500	2	600
PLP4080	400x700	3	800
PLP40100	400x900	3	1000
PLP40120	400x1100	3	1200
PLP6040	600x300	2	400
PLP6060	600x500	2	600
PLP6080	600x700	3	800
PLP60100	600x900	3	1000
PLP60120	600x1100	3	1200

48472 assembly supports must be ordered to install the plates

Reference Nº.	Description	Pack
48472	Partial plate assembly supports	4-piece pack

Parcial plain horizontal mounting plates



Reference No.	Dimensions	For cabinet
	HEIGHT X WIDTH	WIDTH
PLPH2060	200x600	600
PLPH2080	200x800	800
PLPH3060	300x600	600
PLPH3080	300x800	800

48472 assembly supports must be ordered to install the plates

Reference No.	Description	Pack
48472	Partial plate assembly supports	4-piece pack

MATERIAL: Galvanised steel, 2 mm-thick.

CHARACTERISTICS: Designed for mounting MCCBs in a horizontal position. They have lateral openings that allow the exit and orientation of cables or plates towards the rear of the enclosure. Fixed to the vertical profiles of the structure

FOR THE FOLLOWING CABINETS: FSC-ENL.

Linking plates



Reference No.	Dimensions	For cabinet
	HEIGHT X WIDTH	HEIGHT
PLC1650	1522x102	1650
PLC1800	1672x103	1800
PLC2000	1872x103	2000
PLC2200	2072x103	2200

48474 assembly supports must be ordered to install the plates

Reference No.	Description	Pack
48474	Linking plate assembly supports	2-piece pack

MATERIAL: Galvanised steel, 3 mm-thick.

CHARACTERISTICS: For achieving continuous surfaces in mounting plates for two or more cabinets.

FOR THE FOLLOWING CABINETS: ENL.

Separation plates



Reference No.	Dimensions	Sheet thickness	For cabinet	
	HEIGHT X WIDTH		HEIGHT	DEPTH
PLS18040	1672x292	2	1800	400
PLS20040	1872x292	2	2000	400
PLS18050	1672x395	2	1800	500
PLS20050	1872x395	2	2000	500
PLS18060	1672x495	3	1800	600
PLS20060	1872x495	3	2000	600
PLS18080	1672x695	3	1800	800
PLS20080	1872x695	3	2000	800
PLS22080	2072x695	3	2200	800

All the accessories necessary for assembly are included

MATERIAL: Galvanised steel.

CHARACTERISTICS: For separating or dividing combined cabinets. Reinforced with C-shaped folds.

FOR THE FOLLOWING CABINETS: ENL.

Plate reinforcement kit



Reference No.	Dimensions	For cabinet
	HEIGHT X WIDTH X DEPTH	DEPTH
KRPL60	34 x492x18	600
KRPL80	34x692x18	800
KRPL100	34x892x18	1000
KRPL120	34x1092x18	1200

MATERIAL: 2 mm-thick galvanised steel.

CHARACTERISTICS: Assembly position: behind the plate, between the vertical folds, screwed from the outside through the holes in the plate.

SUPPLY: Pack of 1 profile + screws.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Slide way



Reference No.	Description
48500	Plate combination pack of M8x16 screws and nuts

Reference No.	For cabinet
	WIDTH
GD400	400
GD600	600
GD800	800
GD1000	1000
GD1200	1200

MATERIAL: Galvanised steel.

CHARACTERISTICS: Reference 48500 and the slideway pack must be ordered depending on cabinet width.

It is used to join plates, thus yielding a rigid unit that facilitates assembly and makes the most of the plate's surface.

The plates are supplied completely assembled and fit neatly into the cabinet.

Once in their final position they are secured by means of screws that prevent any kind of movement.

FOR THE FOLLOWING CABINETS: ENL.

Plate combination guideway

Total width of cabinets	Plate combination	Total plate width
1000	2xPLxxx60	1000
1200	1xPLxxx80+1xPLxxx60	1200
1400	2xPLxxx80	1400
1600	1xPLxxx100+1xPLxxx80	1600
1800	2xPLxxx100	1800
2000	1xPLxxx120+1xPLxxx100	2000
2200	2xPLxxx120	2200
2400	2xPLxxx80+2xPLxxx60	2400
2600	1xPLxxx120+3xPLxxx60	2600
2800	4xPLxxx80	2800
3000	1xPLxxx100+3xPLxxx80	3000
3200	1xPLxxx120+3xPLxxx80	3200
3400	3xPLxxx100+1xPLxxx80	3400
3600	4xPLxxx100	3600
3800	3xPLxxx120+1xPLxxx60	3800
4000	3xPLxxx120+1PLxxx80	4000







Accessory packs for plates



Ref. 48471



Ref. 48473



Ref. 48472



Ref. 48419



Ref. 48624



Ref. 48474



Ref. 48627

Reference No.	Description	Pack
48471	Total plate assembly supports	4-piece pack
48473	Total plate central support	2-piece pack
48472	Partial plate assembly supports	4-piece pack
48419	Separation plate assembly supports	4-piece pack
48624	Bracket for partial separator plate assembly	2-piece pack
48474	Linking plate assembly supports	2-piece pack
48627	Central reinforcement support for 1600 mm wide plates	2-piece pack

MATERIAL: Zinc plated steel.
CHARACTERISTICS: Brackets for attaching plates directly to the cabinet structure.
Maximum load (4 brackets): 600 kg.
The packs of brackets plus the fixing elements are supplied.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Connection packs for combinable cabinets



Ref. 48111



Ref. 48112

Reference No.	Description	Pack
48111	Internal connection of combinable cabinets	6-piece pack
48112	Corner connection of combinable cabinets	4-piece pack
48116	Mixed connection pack; 4 pcs, internal connection + 4 pcs, corner connection	8-piece pack

MATERIAL: Zinc plated steel.
CHARACTERISTICS: Accessories for connecting combinable cabinets on the inside, thus yielding stable and robust structures.
Packs are supplied with all the screws required for installation.
FOR THE FOLLOWING CABINETS: ENL.

Connection and lifting packs



Ref. 48114



Ref. 48115

Reference No.	Description	Pack
48114	Combinable cabinet connection and lifting brackets	2-piece pack
48115	M12 Lifting eyebolts	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Ref. 48114: Accessory for connecting and lifting combinable cabinets.
Ref. 48115: Accessory for lifting compact, semi-compact and combinable cabinets.
2 pieces are supplied with the ENL and FSC-type cabinet reference.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Wall-mounting pack



Reference No.	Description	Pack
48113	Wall-mounting brackets	2-piece pack

MATERIAL: Zinc plated steel.
CHARACTERISTICS: Cabinet wall-mounting brackets.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Insulation joints



Reference No.	Description
48478	Corner finishing joint in bright grey (6 m)

MATERIAL: Plasticised PVC.
CHARACTERISTICS: Temperature range: -40 °C / +90 °C. For joining the rear panels, only horizontally.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Cabinet connection joints



Ref. 48479



Ref. 48480



Ref. 48636

Reference No.	Description
48479	Insulation joint (6 m)
48480	Adhesive insulation joint (6 m)
48636	Insulation joint (2 m) + Adhesive joint (4.5 m)

MATERIAL: Ref. 48479: Rubber; Ref. 48480: Polyethylene foam.
CHARACTERISTICS: IP55 protection guaranteed.
Reference 48636 is used to join cabinets at the side (lateral connections).
Reference 48479 is used to join cabinets at the back (rear connections).
Reference 48480 is used to join cabinets and the busbar chamber.
FOR THE FOLLOWING CABINETS: ENL.

Brushes for cable entry



Reference No.	Description
48481	Brush (2 m)

MATERIAL: Thermoplastic rubber enclosure; Polyamide 6 fibres.
CHARACTERISTICS: Brushes placed in the cable entries.
Enclosure length is 2 m, fibre height is 35 mm.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Earthquake kit for equipping baying system



Reference No.	Description
	FOR CABINET
KRS2006040	ENL2006040
KRS2006060	ENL2006060
KRS2008060	ENL2008060
KRS2008080	ENL2008080

MATERIAL: Galvanised sheet steel with a thickness of 3 mm.

CHARACTERISTICS: Comprises the following components:

8 brackets joined to the vertical profiles and upper and lower frames.

20x20x1.5 square cross-section bars fitted diagonally to the sides and back of the cabinet. The side bars will be joined to the upper and lower brackets and to a middle bracket. The bars at the back of the cabinet will be joined to a horizontal profile.

FOR THE FOLLOWING CABINETS: ENL.

Earthquake kit for plates



Reference No.	For plate	
	HEIGHT	WIDTH
KRSPL20060	2000	600
KRSPL20080	2000	800

MATERIAL: Reinforcement profile in 2-mm thick galvanised steel plate. 3 mm thick support in galvanised steel plate.

CHARACTERISTICS: Reinforcement profiles screwed to the ends of the plate to prevent deformations from bending movements.

Middle support joined to the outer profile to prevent deformations from movements.

Earthquake plinth



Reference No.	For cabinet	
	WIDTH	DEPTH
KRSZCL106040	600	400
KRSZCL106060	600	600
KRSZCL108060	800	600
KRSZCL108080	800	800

MATERIAL: Cold-rolled steel primed and painted RAL 7016 Anthracite Grey.

CHARACTERISTICS: Special seismic plinth comprising front, back, sides and inner reinforcements welded to form a single unit.

FOR THE FOLLOWING CABINETS: ENL.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Trim frame



Reference No.	Usable space		For cabinet	
	HEIGHT	WIDTH	HEIGHT	WIDTH
MEB16560	1650	600	1650	600
MEB16580	1650	800	1650	800
MEB18060	1800	600	1800	600
MEB18080	1800	800	1800	800
MEB20060	2000	600	2000	600
MEB20080	2000	800	2000	800
MEB22060	2200	600	2200	600
MEB22080	2200	800	2200	800

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: Frame to improve visual appearance that can only be fitted to doorless cabinets. Includes two vertical profiles, two horizontal profiles and a bag of screws.
It is not suitable with modular frame.
FOR THE FOLLOWING CABINETS: FSC - ENL (without door).

Modular frame (without partition)



Reference No.	Usable space		Lid	For cabinet	
	HEIGHT	WIDTH		HEIGHT	WIDTH
BTM16560	1450	600		1650	600
BTM16580	1450	800		1650	800
BTM165100	1450	1000		1650	1000
BTM165120	1450	2x600		1650	1200
BTM18060	1600	600		1800	600
BTM18080	1600	800		1800	800
BTM180100	1600	1000		1800	1000
BTM180120	1600	2x600		1800	1200
BTM180160	1600	2x800		1800	1600
BTM20060	1800	600		2000	600
BTM20080	1800	800		2000	800
BTM200100	1800	1000		2000	1000
BTM200120	1800	2x600		2000	1200
BTM200160	1800	2x800		2000	1600
BTM22060	2000	600		2200	600
BTM22080	2000	800		2200	800

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: Frame required to secure the DIN rail adjustment elements and the front lids.
Lids and DIN rails not included (see references on pages 158-159).
A double frame is supplied for cabinets with a width of 1200 mm and 1600 mm.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Modular frame (with partition door)



Reference No.	Usable space		For cabinet	
	HEIGHT	WIDTH	HEIGHT	WIDTH
BTM165100/P400	1450	600	1650	1000
BTM165120/P400	1450	800	1650	1200
BTM180100/P400	1600	600	1800	1000
BTM180120/P400	1600	800	1800	1200
BTM200100/P400	1800	600	2000	1000
BTM200120/P400	1800	800	2000	1200

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: It includes a 400-mm wide partition door.
It can be fitted to cabinets with a width of 1000 and 1200 mm.
Frame required to secure the DIN rail adjustment elements and the front lids.
Lids and DIN rails not included (see references on pages 158-159).
FOR THE FOLLOWING CABINETS: FSC - ENL.

Modular frame (with partition column)



Reference No.	Usable space		For cabinet	
	HEIGHT	WIDTH	HEIGHT	WIDTH
BTM18080/E200	1600	600	1800	800
BTM180100/E200	1600	800	1800	1000
BTM20080/E200	1800	600	2000	800
BTM200100/E200	1800	800	2000	1000
BTM22080/E200	2000	600	2200	800

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: It includes a 200-mm wide partition column.
It can be fitted to cabinets with a width of 800 and 1000 mm.
Frame required to secure the DIN rail adjustment elements and the front lids.
Lids and DIN rails not included (see references on pages 158-159).
FOR THE FOLLOWING CABINETS: FSC - ENL.





ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Lids for modular frame



Reference No.	Dimensions		For cabinet	No. of modules
FIXED MODULAR	**HEIGHT**	**WIDTH**	**WIDTH**	
TMF1560	150	500	600	24
TMF1580	150	700	800	34
TMF15100	150	900	1000	46
TMF2060	200	500	600	24
TMF2080	200	700	800	34
TMF20100	200	900	1000	46
TMF3060	300	500	600	2x24
TMF3080	300	700	800	2x34
TMF30100	300	900	1000	2x46
TMF4060	400	500	600	2x24
TMF4080	400	700	800	2x34
TMF40100	400	900	1000	2x46



FIXED PLAIN	**HEIGHT**	**WIDTH**	**WIDTH**	
TCF0560	50	500	600	-
TCF0580	50	700	800	-
TCF05100	50	900	1000	-
TCF1060	100	500	600	-
TCF1080	100	700	800	-
TCF10100	100	900	1000	-
TCF1560	150	500	600	-
TCF1580	150	700	800	-
TCF15100	150	900	1000	-
TCF2060	200	500	600	-
TCF2080	200	700	800	-
TCF20100	200	900	1000	-
TCF3060	300	500	600	-
TCF3080	300	700	800	-
TCF30100	300	900	1000	-
TCF4060	400	500	600	-
TCF4080	400	700	800	-
TCF40100	400	900	1000	-
TCF6060	600	500	600	-
TCF6080	600	700	800	-
TCF60100	600	900	1000	-

Upon request. custom machined lids for different types of MCCB or control and measurement elements. Request more information at export@ide.es



MODULAR HINGED	**HEIGHT**	**WIDTH**	**WIDTH**	
TMA1560	150	500	600	23
TMA1580	150	700	800	33
TMA15100	150	900	1000	46
TMA2060	200	500	600	23
TMA2080	200	700	800	33
TMA20100	200	900	1000	46
TMA3060	300	500	600	2x23
TMA3080	300	700	800	2x33
TMA30100	300	900	1000	2x46
TMA4060	400	500	600	2x23
TMA4080	400	700	800	2x33
TMA40100	400	900	1000	2x46

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: All covers are reversible. The hinged covers have an opening of 120°.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Lids for modular frame



Reference No.	Dimensions		For cabinet	No. of modules
PLAIN HINGED	HEIGHT	WIDTH	WIDTH	
TCA1560	150	500	600	-
TCA1580	150	700	800	-
TCA2060	200	500	600	-
TCA2080	200	700	800	-
TCA20100	200	900	1000	-
TCA3060	300	500	600	-
TCA3080	300	700	800	-
TCA4060	400	500	600	-
TCA4080	400	700	800	-
TCA6060	600	500	600	-
TCA6080	600	700	800	-

MATERIAL: Rolled steel RAL 7035 Light Grey.
CHARACTERISTICS: All covers are reversible. The hinged covers have an opening of 120°.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Attachment kit + DIN rail (for modular lids)



Reference No.	Description	For cabinet	No. of modules		Pack
		WIDTH	HINGED	FIXED	
48154	Attachment kit + 600 mm DIN rail	600	23	24	2-piece pack
48156	Attachment kit + 800 mm DIN rail	800	33	34	2-piece pack
48158	Attachment kit + 1000 mm DIN rail	1000	46	46	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Consists of depth-adjustable supports plus plain DIN rail.
Adjustable from 53 to 120 mm.
Other types of DIN rail can be supplied as accessories (see page 256).
SUPPLY: Pack of 2 pieces + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Vertical trunking support kit



Reference No.	Description	For cabinet	No. of modules
		WIDTH	
49366	Vertical trunking support + 600 mm DIN rail	600	18
49367	Vertical trunking support + 800 mm DIN rail	800	28

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Supports for fixing cable distribution trunking vertically.
Housing for vertical trunking up to 60x60 mm.
Vertical and horizontal trunking supports can be linked together.
It comprises supports plus plain 35x15 mm DIN rail.
SUPPLY: Pack of 2 brackets + 35x15 mm plain DIN rail.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Horizontal trunking support kit



Reference No.	Description	Pack
49368	Horizontal trunking support	2-piece pack

MATERIAL: ABS RAL 7035 Light Grey.
CHARACTERISTICS: Supports for fixing cable distribution trunking horizontally.
Two horizontal trunking fixing positions for separation between 150 or 200 mm DIN rails.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 2 supports + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Linkable cabinets with SWING frame IP55



Reference No.	Dimensions			Cable entry	Assembly units	Glass door with transp. panel
	HEIGHT	WIDTH	DEPTH	WIDTH X DEPTH		H X W
ENLBP1808060PT/SP	1800	800	600	570x510	36 U	1586x420
ENLBP1808080PT/SP	1800	800	800	570x710	36 U	1586x420
ENLBP18010060PT/SP	1800	1000	600	770x510	36 U	1586x420
ENLBP18010080PT/SP	1800	1000	800	770x710	36 U	1586x420
ENLBP2008060PT/SP	2000	800	600	570x510	40 U	1786x420
ENLBP2008080PT/SP	2000	800	800	570x710	40 U	1786x420
ENLBP20010060PT/SP	2000	1000	600	770x510	40 U	1786x420
ENLBP20010080PT/SP	2000	1000	800	770x710	40 U	1786x420
ENLBP2208060PT/SP	2200	800	600	570x510	45 U	1986x420
ENLBP2208080PT/SP	2200	800	800	570x710	45 U	1986x420

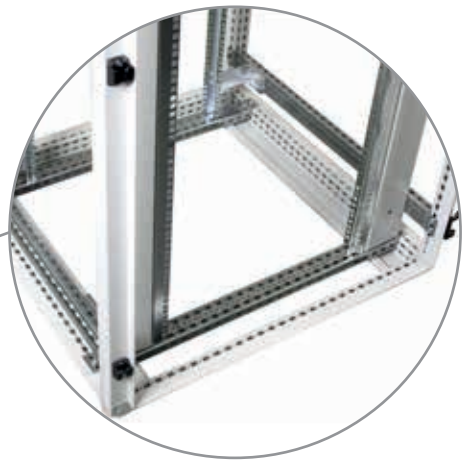
MATERIAL: Cabinet in cold-rolled steel, primed and painted RAL 7035 Light Grey; frame in 2 mm-thick zinc-plated steel.

CHARACTERISTICS: Die-cut profiles for 19" devices on the front and sides.
Reversible with the possibility of opening to the right or left. Maximum opening of 180°.
Steel hinge-axis system that guarantees the stability of the folding frame under full load.
Incorporates a stop to keep the frame in the open position.
Wardrobe door with offset glass and lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
Push button locking frame. Other inserts available as accessories.
Maximum load: 100 kg.
Degree of protection: IP55 / NEMA 1, 12.

SUPPLY: Linkable cabinet with swing frame incorporating: cabinet, 19" frame, side panels, cable entry cover, two lifting eye-bolts and latches.
The set does not include a base or mounting plate. If a mounting plate is requested, it will be supplied attached to the cabinet on the outside on the same pallet.
Supplied fully assembled on a pallet, protected with honeycomb corner protectors and shrink film.



Fixed frame for ENL type floor-standing cabinet



Profiles for TOTAL FIXED frame



Reference No.	Assembly units	For cabinet		Pack
		HEIGHT	WIDTH	
BF19/38U	38 U	1800	600/800	2-unit pack
BF19/42U	42 U	2000	600/800	2-unit pack
BF19/47U	47 U	2200	600/800	2-unit pack

MATERIAL: Zinc-plated steel, 2 mm thick.
CHARACTERISTICS: Highly resistant tri-fold profiles. Die-cut for 19" devices on the front and side. Adjustable for depth.
INSTALLATION: For cabinets 600 and 800 mm wide. 3 units of reference PME should be ordered depending on the depth of the cabinet (see references on page 170).
For 800 mm wide cabinets. 3 units of reference SBF19 should be ordered and it is recommended to place a PME800 profile at the bottom of the structure if the frame is to support heavy loads.
SUPPLY: Pack of 2 profiles + screws.

Fixing bracket for TOTAL FIXED frame



Reference No.	Description	Pack
SBF19	Fixing bracket for fixed frame total	2-unit pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Rigid, highly resistant brackets. Cover caps can be clipped onto them. Order only for 800 mm wide cabinets.
SUPPLY: Pack of 2 brackets + screws.

Cover caps for TOTAL FIXED frame

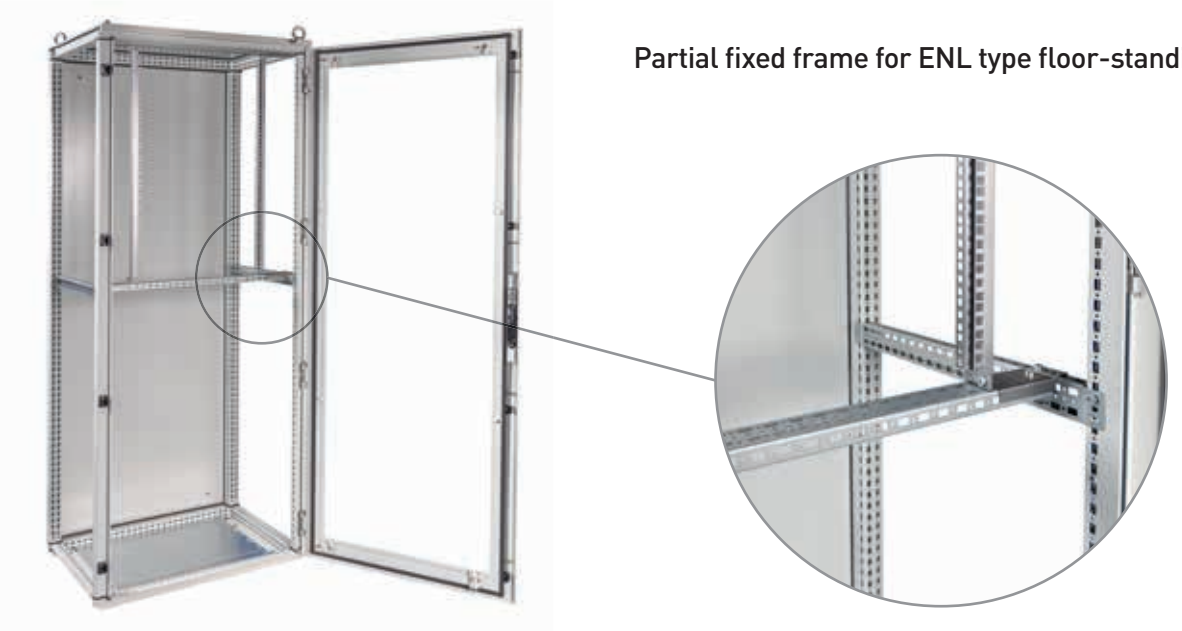


Reference No.	Assembly units	Pack
EBF19/38U	38 U	4-unit pack
EBF19/42U	42 U	4-unit pack
EBF19/47U	47 U	4-unit pack

MATERIAL: Rolled steel RAL7035.
CHARACTERISTICS: Cover caps to conceal the wiring in the side spaces. They are fixed with clips to the profile brackets. Order only for 800 mm wide cabinets.
SUPPLY: Pack of 4 covers.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories



Partial fixed frame for ENL type floor-standing cabinet

Profiles for PARTIAL FIXED frame



Reference No.	Assembly units	For cabinet	Pack
		WIDTH	
BFP19/6U	6 U	600/800	2-unit pack
BFP19/9U	9 U	600/800	2-unit pack
BFP19/12U	12 U	600/800	2-unit pack
BFP19/15U	15 U	600/800	2-unit pack
BFP19/18U	18 U	600/800	2-unit pack

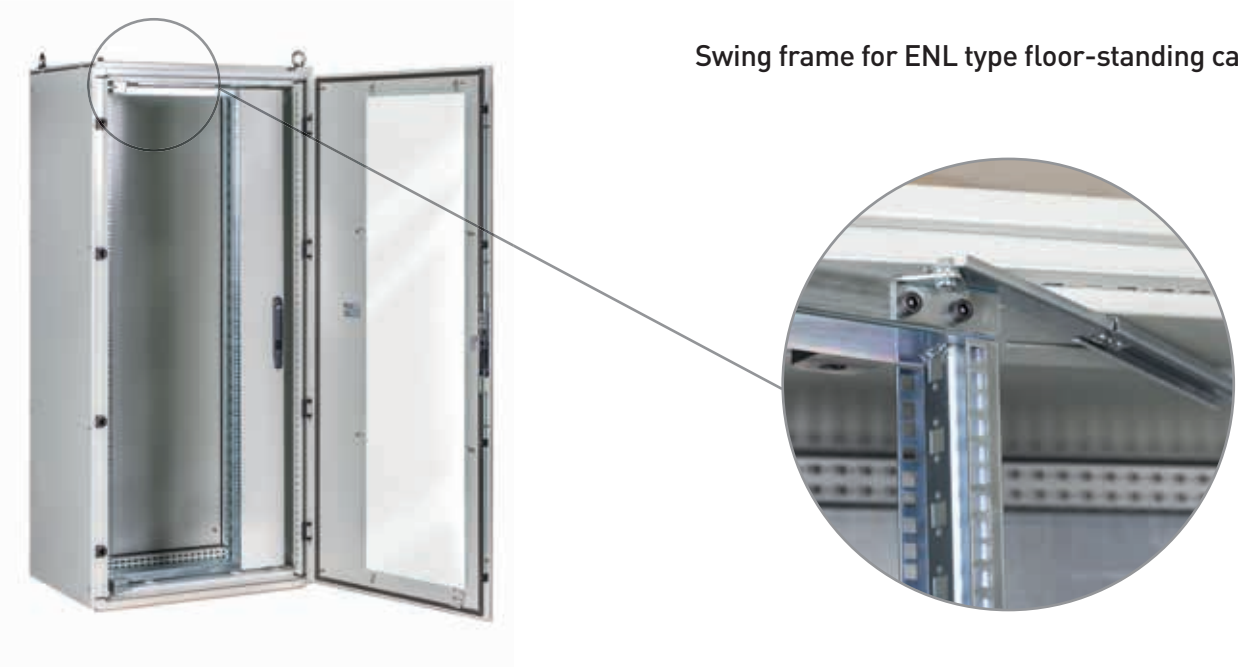
MATERIAL: Zinc-plated steel, 2 mm thick.
CHARACTERISTICS: Highly resistant tri-fold profiles. Die-cut for 19" devices on the front and side. Adjustable for depth.
For cabinets 600 mm wide, must be ordered:
PME-type profiles depending on the depth of the cabinet: 1 unit if placed at the top/bottom of the cabinet and 2 units if placed at any other height.
For cabinets with a width of 800 mm. must be ordered: PME-type profiles depending on the depth of the cabinet: 1 unit if placed at the top/bottom of the cabinet and 2 units if placed at any other height.
1 unit of reference PME800.
1 unit of reference SBF19.
See PME-type references on page 170.
SUPPLY: Pack of 2 profiles + screws.

Fixing bracket for PARTIAL FIXED frame



Reference No.	Description	Pack
SBFP19	Fixing bracket for PARTIAL FIXED frame	4-unit pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Rigid, highly resistant brackets. Only for 800 mm wide cabinets.
SUPPLY: Pack of 4 brackets + screws.



Swing frame for ENL type floor-standing cabinet

TOTAL SWING frame

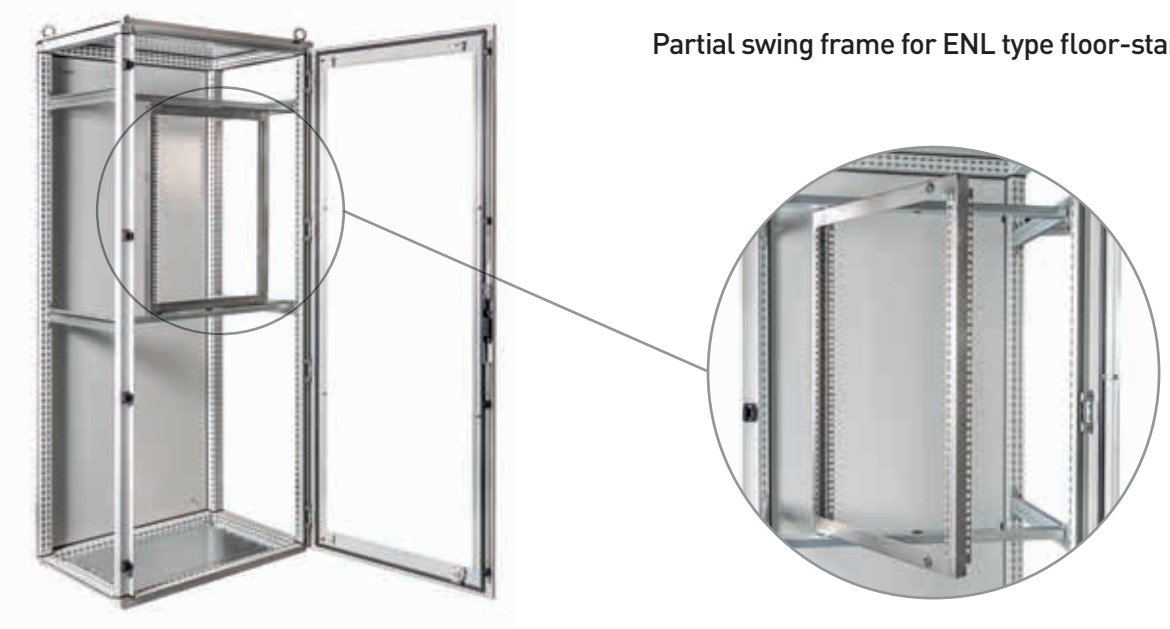


Reference No.	Assembly units	For cabinet	
		HEIGHT	WIDTH
BP19/36U	36 U	1800	800
BP19/40U	40 U	2000	800
BP19/45U	45 U	2200	800

MATERIAL: Zinc-plated steel, 2 mm thick.
CHARACTERISTICS: Die-cut profiles for 19" devices on the front and side.
Reversible with the possibility of opening to the right or left.
Maximum opening of 180º.
Steel hinge-axis system guarantees the stability of the swing frame under full load.
It incorporates a stop to keep the frame in the open position.
Includes push button closure. Other inserts are available as accessories.
SUPPLY: Complete frame + brackets + fasteners/screws.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories



Partial swing frame for ENL type floor-standing cabinet

PARTIAL SWING frame



Reference No.	Assembly units	For cabinet
		WIDTH
BPP19/6U	6 U	600
BPP1980/6U	6 U	800
BPP19/9U	9 U	600
BPP1980/9U	9 U	800
BPP19/12U	12 U	600
BPP1980/12U	12 U	800
BPP19/15U	15 U	600
BPP1980/15U	15 U	800
BPP19/18U	18 U	600
BPP1980/18U	18 U	800

MATERIAL: Zinc-plated steel, 2 mm thick.

CHARACTERISTICS: Die-cut profiles for 19" devices on the front and side.

Reversible with the possibility of opening to the right or left. Maximum opening of 110° for cabinets with a width of 600 and 140° for cabinets with a width of 800.

Adjustable for depth.

Includes: swing frame, 2 upper and lower external support profiles, fasteners and screws for assembly.

Maximum allowable load 60 kg.

Two packs of reinforced internal mounting profiles are required depending on the depth of the cabinet. Reference type PMIR (see page 171).

SUPPLY: Complete frame + support profiles + fasteners/screws.

Lids for 19" rack

Blind covers



Reference No.	Assembly units
TCB1U	1 U
TCB2U	2 U
TCB3U	3 U
TCB4U	4 U
TCB6U	6 U
TCB9U	9 U
TCB10U	10 U
TCB12U	12 U

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: Compatible with fixed and swing frame.

Modular lid



Reference No.	Assembly units	No. of modules
TMB3U	3 U	24

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: Incorporates DIN rail. Compatible with fixed and swing frame.

Cover with brush



Reference No.	Assembly units
TBC1U	1 U

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: With protective brushes on the back.

Fixed trays



Reference No.	Description	Assembly units	Maximum load
			kg
BNF19-1/2U	Adjustable tray L=400/600 mm	12 U	100
BNF19-1U/200	Fixed tray L=200 mm	1 U	20
BNF19-2U/250	Fixed tray L=250 mm	2 U	20
BNF19-2U/400	Fixed tray L=400 mm	2 U	20

MATERIAL: Adjustable tray in galvanised steel, fixed trays in cold rolled steel painted RAL 7035 Light Grey.
CHARACTERISTICS: Fixed or depth-adjustable trays. Compatible with fixed and swing frame. All screws are included.

Removable trays



Reference No.	Dimensions	For cabinets	Maximum load	Guide length	Assembly units
	WIDTHXDEPTH	WIDTHXDEPTH	kg	mm	
BNE19/6060	415x450	600x600	51	400	1 U
BNE19/6080	415x650	600x800	44	600	1 U

MATERIAL: Cold-rolled steel colour RAL 7035 Light Grey.
CHARACTERISTICS: It includes two telescopic guides and four brackets to fix the guides to the fixed frame profiles type BF19 or BFP19. Assembly units 1U.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Auxiliary module



Reference No.	Dimensions	For cabinet	
WIDTH 300 MM	**HEIGHT X WIDTH X DEPTH**	**HEIGHT**	**DEPTH**
MEX1803040	1800x300x400	1800	400
MEX1803050	1800x300x500	1800	500
MEX1803060	1800x300x600	1800	600
MEX1803080	1800x300x800	1800	800
MEX2003040	2000x300x400	2000	400
MEX2003050	2000x300x500	2000	500
MEX2003060	2000x300x600	2000	600
MEX2003080	2000x300x800	2000	800
MEX2203060	2200x300x600	2200	600
MEX2203080	2200x300x800	2200	800
WIDTH 400 MM	**HEIGHT X WIDTH X DEPTH**	**HEIGHT**	**DEPTH**
MEX1804040	1800x400x400	1800	400
MEX1804050	1800x400x500	1800	500
MEX1804060	1800x400x600	1800	600
MEX1804080	1800x400x800	1800	800
MEX2004040	2000x400x400	2000	400
MEX2004050	2000x400x500	2000	500
MEX2004060	2000x400x600	2000	600
MEX2004080	2000x400x800	2000	800
MEX20040100	2000x400x1000	2000	1000
MEX2204060	2200x400x600	2200	600
MEX2204080	2200x400x800	2200	800

MATERIAL: Cold-rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: It allows you to set up an area inside the structure specially designed for placing busbars in the upright position or small input switches.
IP55 degree of protection.
Components: 1 structural frame, 1 top lid, 1 rear panel, opaque door with lift handle, adjustable cable entry covers, and 2 lifting eyebolts.
UL certificate available for heights up to 2000 mm.
FOR THE FOLLOWING CABINETS: ENL.

Lids for auxiliary module



Reference No.	Dimensions	
FIXED BLANKING COVERS 300 MM	**HEIGHT**	**WIDTH**
TCF3030	300	300
TCF4030	400	300
TCF6030	600	300
TCF16030	1600	300
TCF18030	1800	300
FIXED BLANKING COVERS 400 MM	**HEIGHT**	**WIDTH**
TCF3040	300	400
TCF4040	400	400
TCF6040	600	400
TCF16040	1600	400
TCF18040	1800	400



Reference No.	Description	Dimensions		Pack
UPPER-LOWER COVER		**HEIGHT**	**WIDTH**	
48622	Upper-lower cover width 300	50	209	2-piece pack
48642	Upper-lower cover width 400	50	309	2-piece pack

MATERIAL: RAL 7035 Light Grey rolled steel.
CHARACTERISTICS: They are used to close the front of the cabinet. They are available in different sizes so that the installer can divide the front and thus create partial or total openings.
FOR THE FOLLOWING CABINETS: MEX.

Busbar chamber



Reference No.	Dimensions	For cabinet	
UPPER-LOWER	**HEIGHT X WIDTH X DEPTH**	**WIDTH**	**DEPTH**
CE304060	300x400x600	400	600
CE304080	300x400x800	400	800
CE306050	300x600x500	600	500
CE306060	300x600x600	600	600
CE306080	300x600x800	600	800
CE308050	300x800x500	800	500
CE308060	300x800x600	800	600
CE308080	300x800x800	800	800
CE3010050	300x1000x500	1000	500
CE3010060	300x1000x600	1000	600
CE3010080	300x1000x800	1000	800
CE3012050	300x1200x500	1200	500
CE3012060	300x1200x600	1200	600
CE3012080	300x1200x800	1200	800
CE404060	400x400x600	400	600
CE404080	400x400x800	400	800
CE406050	400x600x500	600	500
CE406060	400x600x600	600	600
CE406080	400x600x800	600	800
CE408050	400x800x500	800	500
CE408060	400x800x600	800	600
CE408080	400x800x800	800	800
CE4010050	400x1000x500	1000	500
CE4010060	400x1000x600	1000	600
CE4010080	400x1000x800	1000	800
CE4012050	400x1200x500	1200	500
CE4012060	400x1200x600	1200	600
CE4012080	400x1200x800	1200	800



Reference No.	Description	For cabinet	Pack
SIDE PANELS		**DEPTH**	
PLCE3050	300x500 side panel	500	2-piece pack
PLCE3060	300x600 side panel	600	2-piece pack
PLCE3080	300x800 side panel	800	2-piece pack
PLCE4050	400x500 side panel	500	2-piece pack
PLCE4060	400x600 side panel	600	2-piece pack
PLCE4080	400x800 side panel	800	2-piece pack

MATERIAL: Cold-rolled steel primed and painted RAL 7035 Light Grey.

CHARACTERISTICS: Used to place busbars outside the main cabinet.

It can be placed at the top or the bottom. All components are reversible, thus guaranteeing quick and straightforward installation.

IP55 degree of protection.

Components: Welded structure comprised of profiles and corners, 2 panels + 4 supports (front + side), and cabinet combination kit 48112.

In order to obtain the complete set, you must request the CE busbar chamber plus PLCE side panels, depending on the depth of the cabinet.

FOR THE FOLLOWING CABINETS: ENL.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Corner module



Reference No.	Dimensions	For corners	
	HEIGHT X WIDTH X DEPTH	DEPTH 1	DEPTH 2
ESQ1804040	1800x400x400	400x400	-
ESQ1804050	1800x400x500	400x500	500x400
ESQ1804060	1800x400x600	400x600	600x400
ESQ1805050	1800x500x500	500x500	-
ESQ1805060	1800x500x600	500x600	600x500
ESQ1806060	1800x600x600	600x600	-
ESQ1806080	1800x600x800	600x800	800x600
ESQ2004040	2000x400x400	400x400	-
ESQ2004050	2000x400x500	400x500	500x400
ESQ2004060	2000x400x600	400x600	600x400
ESQ2004080	2000x400x800	400x800	800x400
ESQ2005050	2000x500x500	500x500	-
ESQ2005060	2000x500x600	500x600	600x500
ESQ2005080	2000x500x800	500x800	800x500
ESQ2006050	2000x600x500	600x500	500x600
ESQ2006060	2000x600x600	600x600	-
ESQ2006080	2000x600x800	600x800	800x600
ESQ2008080	2000x800x800	800x800	-

MATERIAL: Cold-rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: It allows you to combine cabinets in places where space is tight, by obtaining angled structures.
IP55 degree of protection.
Components: 1 structural frame, 1 top lid, 1 rear panel, adjustable cable entry covers, screws and assembly elements.
FOR THE FOLLOWING CABINETS: ENL.

Plinth



For 200 mm high plinths, two 100 mm high plinths must be ordered

Reference	Dimensions	For cabinet	
	HEIGHT X WIDTH X DEPTH	WIDTH	DEPTH
INXZCLB106040	100x600x400	600	400
INXZCLB108040	100x800x400	800	400
INXZCLB108050	100x800x500	800	500
INXZCLB1010040	100x1000x400	1000	400
INXZCLB1010050	100x1000x500	1000	500
INXZCLB1012040	100x1200x400	1200	400
INXZCLB1012050	100x1200x500	1200	500
INXZCLB1016040	100x1600x400	1600	400
INXZCLB1016050	100x1600x500	1600	500

MATERIAL: AISI 304L Stainless steel, Scotch 320 satin finish.
CHARACTERISTICS: Plinth supplied with both front and side covers.
FOR THE FOLLOWING CABINETS: BIG-INX.

Ventilated plinths
Corner pieces and front covers



Reference No.	Dimensions	For cabinet	Pack
200-MM PLINTHS	HEIGHT	WIDTH	
ZCLV2040	200	400	2-piece pack
ZCLV2050	200	500	2-piece pack
ZCLV2060	200	600	2-piece pack
ZCLV2080	200	800	2-piece pack
ZCLV20100	200	1000	2-piece pack
ZCLV20120	200	1200	2-piece pack

MATERIAL: Cold rolled steel primed and painted RAL 7016 Anthracite Grey.
CHARACTERISTICS: Set consisting of two covers, front and rear, and four corner pieces. They have grilles to promote the natural ventilation of the cabinet.
To obtain the complete set, you must order the side covers for plinth (see page 169).
For 1600-mm wide cabinets, two 800-mm wide plinths should be ordered.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Plinth

Corner pieces and front covers



Reference No.	Dimensions	For cabinet	Pack
100-MM PLINTHS	**HEIGHT**	**WIDTH**	
ZCL1030	100	300	2-piece pack
ZCL1040	100	400	2-piece pack
ZCL1050	100	500	2-piece pack
ZCL1060	100	600	2-piece pack
ZCL1080	100	800	2-piece pack
ZCL10100	100	1000	2-piece pack
ZCL10120	100	1200	2-piece pack
ZCL10140	100	1400	2-piece pack
ZCL10160	100	1600	2-piece pack
200-MM PLINTHS	**HEIGHT**	**WIDTH**	
ZCL2030	200	300	2-piece pack
ZCL2040	200	400	2-piece pack
ZCL2050	200	500	2-piece pack
ZCL2060	200	600	2-piece pack
ZCL2080	200	800	2-piece pack
ZCL20100	200	1000	2-piece pack
ZCL20120	200	1200	2-piece pack
ZCL20140	200	1400	2-piece pack
ZCL20160	200	1600	2-piece pack



200-MM PLINTHS (100 + 100 COVERS)	**HEIGHT**	**WIDTH**	
ZCL2T1040	100+100	400	2-piece pack
ZCL2T1050	100+100	500	2-piece pack
ZCL2T1060	100+100	600	2-piece pack
ZCL2T1080	100+100	800	2-piece pack
ZCL2T10100	100+100	1000	2-piece pack
ZCL2T10120	100+100	1200	2-piece pack

MATERIAL: Cold rolled steel primed and painted RAL 7016 Anthracite Grey.
CHARACTERISTICS: Set consisting of two covers, front and rear, and four corner pieces. To obtain the complete set, you must order the side covers for plinth.
Available in two heights, 100 and 200 mm.
The 200-mm plinth is also supplied as 100 + 100 covers.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Side covers for plinth



Reference No.	Dimensions	For cabinet	Pack
100-MM PLINTHS	**HEIGHT**	**DEPTH**	
TLZCL1040	100	400	2-piece pack
TLZCL1050	100	500	2-piece pack
TLZCL1060	100	600	2-piece pack
TLZCL1080	100	800	2-piece pack
TLZCL10100	100	1000	2-piece pack
200-MM PLINTHS	**HEIGHT**	**DEPTH**	
TLZCL2040	200	400	2-piece pack
TLZCL2050	200	500	2-piece pack
TLZCL2060	200	600	2-piece pack
TLZCL2080	200	800	2-piece pack
TLZCL20100	200	1000	2-piece pack

MATERIAL: Cold rolled steel primed and painted RAL 7016 Anthracite Grey.
CHARACTERISTICS: Available in two heights, 100 and 200 mm.
Side covers should be fitted to all cabinets, even in sets of combined cabinets.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

ARGENTA PLUS

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Mounting profiles



Reference No.	For cabinet	Pack
FOR MOD. FRAME	**DEPTH**	
PMB400	400	2-piece pack
PMB500	500	2-piece pack
PMB600	600	2-piece pack
PMB800	800	2-piece pack
PMB1000	1000	2-piece pack

MATERIAL: Galvanised steel, 1.5 mm thick.
CHARACTERISTICS: Profiles for fitting to the modular frame (see page 156-157).
They have 14x9 rectangular cut-outs and 4.65 mm round cut-outs with a 25 mm cable pass.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: ENL - FSC.



Reference No.	For cabinet	Pack
OUTSIDE ASSEMBLY	**WIDTH / DEPTH**	
PME400	400	2-piece pack
PME500	500	2-piece pack
PME600	600	2-piece pack
PME800	800	2-piece pack
PME1000	1000	2-piece pack
PME1200	1200	2-piece pack
	HEIGHT	
PME1650	1650	2-piece pack
PME1800	1800	2-piece pack
PME2000	2000	2-piece pack

MATERIAL: Galvanised steel, 1.5 mm thick.
CHARACTERISTICS: They are fitted on the outer side of the cabinet structure.
They have 14x9 rectangular cut-outs and 4.65 mm round cut-outs with a 25 mm cable pass.
Maximum load: Profiles from 400 to 1200: 210 kg. Profiles from 1650 to 2000: 150 kg.
For BIG cabinets, only the PME1650, PME1800 and PME2000 profiles can be installed.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.



Reference No.	For cabinet	Pack
REINFORCED OUTSIDE ASSEMBLY	**WIDTH / DEPTH**	
PMER400	400	2-piece pack
PMER500	500	2-piece pack
PMER600	600	2-piece pack
PMER800	800	2-piece pack
PMER1000	1000	2-piece pack
PMER1200	1200	2-piece pack
PMER1600	1600	2-piece pack

MATERIAL: Galvanised steel, 2 mm thick.
CHARACTERISTICS: They are fitted on the outer side of the cabinet structure. They have 4.65 mm round cut-outs with a 12.5 mm cable pass.
For BIG cabinets, only the PMER1600 profiles can be installed.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Mounting profiles



Reference No.	For cabinet	Pack
OUTSIDE SIMPLE ASSEMBLY	WIDTH / DEPTH	
PMES400	400	2-piece pack
PMES500	500	2-piece pack
PMES600	600	2-piece pack
PMES800	800	2-piece pack
PMES1000	1000	2-piece pack

MATERIAL: Galvanised steel, 1.5 mm thick.
CHARACTERISTICS: They are fitted on the outer side of the cabinet structure. They have 4.65 mm round cut-outs with a 12.5 mm cable pass.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.



Reference No.	For cabinet	Pack
INTERIOR ASSEMBLY	WIDTH / DEPTH	
PMI400	400	2-piece pack
PMI500	500	2-piece pack
PMI600	600	2-piece pack
PMI800	800	2-piece pack
PMI1000	1000	2-piece pack
PMI1200	1200	2-piece pack
	HEIGHT	
PMI1650	1650	2-piece pack
PMI1800	1800	2-piece pack
PMI2000	2000	2-piece pack

MATERIAL: Galvanised steel , 1.5 mm thick.
CHARACTERISTICS: They are fitted on the inner side of the cabinet structure.
Maximum load: Profiles from 400 to 1200: 210 kg. Profiles from 1650 to 2000: 150 kg.
They have 14x9 rectangular cut-outs and 4.65 mm round cut-outs with a 25 mm cable pass.
SUPPLY: Pack of 2 profiles + screws.
For BIG cabinets, only the PMI1650, PMI1800 and PMI2000 profiles can be installed.
FOR THE FOLLOWING CABINETS: ENL.



Reference No.	For cabinet	Pack
REINFORCED INTERIOR ASSEMBLY	WIDTH / DEPTH	
PMIR400	400	2-piece pack
PMIR500	500	2-piece pack
PMIR600	600	2-piece pack
PMIR800	800	2-piece pack
PMIR1000	1000	2-piece pack
PMIR1200	1200	2-piece pack
PMIR1600	1600	2-piece pack

MATERIAL: Galvanised steel, 2 mm thick.
CHARACTERISTICS: They are fitted on the inner side of the cabinet structure.
They have 4.65 mm round cut-outs with a 12.5 mm cable pass.
For BIG cabinets, only PMIR1600 profiles can be installed.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: ENL.

ARGENTA PLUS

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Mounting profiles



Reference No.	For cabinet	Pack
FORK-SHAPED	DEPTH	
PMHR400	400	2-piece pack
PMHR500	500	2-piece pack
PMHR600	600	2-piece pack
PMHR800	800	2-piece pack
PMHR1000	1000	2-piece pack
PMHR1200	1200	2-piece pack

MATERIAL: Galvanised steel, 2 mm thick.
CHARACTERISTICS: They can be used to divide the inside of the cabinet. They have 4.65 mm round cut-outs with a 25 mm cable pass.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: ENL.



Reference No.	For cabinet	Pack
INTERIOR PARTITION	DEPTH	
PPI400	400	2-piece pack
PPI500	500	2-piece pack
PPI600	600	2-piece pack
PPI800	800	2-piece pack
PPI1000	1000	2-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: They can be used to divide the inside of the cabinet. They have 14x9 rectangular cut-outs and 4.65 mm round cut-outs with a 25 mm cable pass.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL.

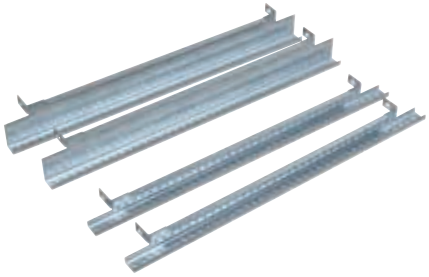
Vertical uprights for BIG cabinets



Reference No.	For cabinet	Pack
	HEIGHT	
PVB1650	1650	4-piece pack
PVB1800	1800	4-piece pack
PVB2000	2000	4-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: They are fitted vertically in BIG-type cabinets, allowing the installation of profiles in depth. They have Ø5-mm cut-outs with a distance of 12.5 mm. Together with the PVB profiles they convert the BIG type cabinet into a cabinet with the die cuts and functionality of an ENL type cabinet.
SUPPLY: Pack of 4 profiles + screws.
FOR THE FOLLOWING CABINETS: BIG - BIG INX.

Horizontal uprights for BIG cabinets



Reference No.	For cabinet	Pack
	WIDTH	
PHB600	600	4-piece pack
PHB800	800	4-piece pack
PHB1000	1000	4-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: They are placed horizontally in BIG type cabinets on the depth profiles already placed in the cabinet in width, top and bottom. Together with the PVB profiles they convert the BIG type cabinet into a cabinet with the die cuts and functionality of an ENL type cabinet.
SUPPLY: Pack of 2 upper profiles + 2 lower profiles + screws.
FOR THE FOLLOWING CABINETS: BIG - BIG INX.
Only PHB600 and PHB800 profiles are compatible with BIG laminated steel cabinets.

Assembly profiles for doors



Reference No.	For door	Pack
	WIDTH	
PPAP600	600	1-piece pack
PPAP800	800	1-piece pack
PPAP800X	800	1-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Profile for fitting horizontally to the door profiles. Mounting screws are not included.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG - BIG INX.

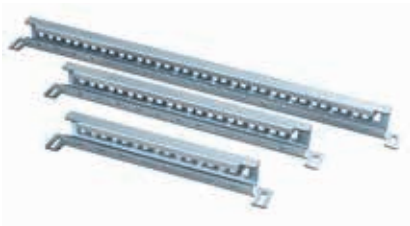
Foam cable passage support



Reference No.	For cabinet	Type cabinet	Pack
	WIDTH		
SEP500	1000	FSC-ENL	2-piece pack
SEP600	600	BIG-FSC-ENL	2-piece pack
	1200	FSC-ENL	
SEP800	800	BIG-FSC-ENL	2-piece pack
	1600	BIG-FSC-ENL	

MATERIAL: Galvanised steel profile with polyurethane foam.
CHARACTERISTICS: It allows cable entry and prevents access to unwanted elements. To cover the two cable entry areas for the 1000, 1200 and 1600 mm cabinets, it is necessary to order 2 units.
SUPPLY: Pack of 2 pieces + screws.
FOR THE FOLLOWING CABINETS: 600: BIG-FSC-ENL - 1200: FSC-ENL - 800/1600: BIG-FSC-ENL.

Cable traction profile



Reference No.	For cabinet	Type cabinet	Pack
	WIDTH		
PTC500	1000	FSC-ENL	1-piece pack
PTC600	600	BIG-FSC-ENL	1-piece pack
	1200	FSC-ENL	
PTC800	800	BIG-FSC-ENL	1-piece pack
	1600	BIG-FSC-ENL	

MATERIAL: Galvanised steel.
CHARACTERISTICS: Its C-profile design lets you slide in metal cable clamps, so you can position them at the desired distance.
The circular cut-out allows plastic cable clamps to be screwed in.
The T-shaped cut-out lets you use commercial cable clamps of any width to fasten the cables.
SUPPLY: Pack of 1 piece + screws.
FOR THE FOLLOWING CABINETS: BIG-FSC-ENL.

Clamps



Reference No.	For cable diameter	Pack
	mm	
48637	10 -16	20-piece pack
48638	18 - 28	20-piece pack
48639	30 - 40	10-piece pack

CHARACTERISTICS: They allow cables from 10 to 40 mm diameter to be fixed.

ARGENTA PLUS

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Swing tray



Reference No.	Description
48776	Swing tray for PC 423x350 mm

MATERIAL: Galvanised steel.
CHARACTERISTICS: Tray that is fixed to the cabinet door in order to install equipment.
For cabinets with a width of 800 mm and 1000 mm, 2 PPAP800 or PPAP1000 profiles must be ordered (see references on page 173). Max. Load: 12 kg.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Fixed trays



Reference No.	Dimensions	For cabinets	
	WIDTH X DEPTH	WIDTH	DEPTH
BNF6040	600x320	600	400
BNF6060	600x520	600	600
BNF6080	600x720	600	800
BNF8040	800x320	800	400
BNF8060	800x520	800	600
BNF8080	800x720	800	800

MATERIAL: Galvanised steel.
CHARACTERISTICS: A set of PME profiles must be ordered to install them (see page 170). Max. Load: 100 kg.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Removable trays



Reference No.	Dimensions	For cabinets		Max. load	Guide length
	WIDTH X DEPTH	WIDTH	DEPTH	kg	mm
BNE6060	480x450	600	600	51	400
BNE6080	480x650	600	800	44	600
BNE6060/BTM	405x450	600	600	51	400
BNE6080/BTM	405x650	600	800	44	600

MATERIAL: Cold rolled steel sheet painted RAL 7035 Light Grey.
CHARACTERISTICS: It includes two telescopic guides and four brackets to fix the guides to the BF19 or BFP19 fixed frame profiles. Assembly units 1U.
Ref. BNE for cabinets FSC-ENL. Ref. BNE/BTM for cabinets with a modular frame.

Canopy (stainless steel)



Reference No.	Dimensions	For cabinet	
	WIDTH X DEPTH	WIDTH	DEPTH
INXTEJB6040	600x400	600	400
INXTEJB8040	800x400	800	400
INXTEJB10040	1000x400	1000	400
INXTEJB10050	1000x500	1000	500
INXTEJB8050	800x500	800	500
INXTEJB12040	1200x400	1200	400
INXTEJB12050	1200x500	1200	500
INXTEJB16040	1600x400	1600	400
INXTEJB16050	1600x500	1600	500

MATERIAL: AISI 304L stainless steel, Scotch 320 satin finish.
CHARACTERISTICS: It protects the controls or lights from the rain and dust.
It must be fixed directly to the enclosure.
The references are supplied with all the screws required for assembly.
FOR THE FOLLOWING CABINETS: BIG-INX.

Compact canopy



Reference No.	Dimensions	For cabinet	
	WIDTH X DEPTH	WIDTH	DEPTH
TEJ6040COM	620x440	600	400
TEJ8040COM	820x440	800	400
TEJ8050COM	820x540	800	500
TEJ10040COM	1020x440	1000	400
TEJ10050COM	1020x540	1000	500
TEJ12040COM	1220x440	1200	400
TEJ12050COM	1220x540	1200	500
TEJ16040COM	1620x440	1600	400
TEJ16050COM	1620x540	1600	500

MATERIAL: Galvanised steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: It protects the controls or lights from the rain and dust.
It must be fixed directly to the enclosure.
The references are supplied with all the screws required for assembly.
FOR THE FOLLOWING CABINETS: BIG-FSC-ENL (only individual cabinets).

Attachable canopy



Three references must be ordered: canopy + side canopy + central canopy connection to be mounted in sets of combined cabinets. For individual cabinets it is necessary to order the canopy + side canopy.

Reference No.	Dimensions	For cabinet	
	WIDTH X DEPTH	WIDTH	DEPTH
TEJ6060ENL	598x645	600	600
TEJ6080ENL	598x845	600	800
TEJ8060ENL	698x645	800	600
TEJ8080ENL	698x845	800	800
TEJ10060ENL	898x645	1000	600
TEJ10080ENL	898x845	1000	800
TEJ12060ENL	1198x645	1200	600

MATERIAL: Galvanised steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: It protects the controls or lights from the rain and dust.
It is fixed directly to the enclosure.
It is supplied with all the screws required for assembly.
FOR THE FOLLOWING CABINETS: ENL.

Side canopy



Reference No.	Dimensions	For cabinet	Pack
	DEPTH	DEPTH	
TEJL60	640	600	2-piece pack
TEJL80	840	800	2-piece pack

SUPPLY: Pack of 1 right side canopy + 1 left side canopy + screws.

Central canopy connection



Reference No.	Dimensions	For cabinet	Pack
	DEPTH	DEPTH	
TEJC60	640	600	1-piece pack
TEJC80	840	800	1-piece pack

SUPPLY: Pack of 1 central support + screws.

ARGENTA PLUS

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Spare doors



Reference No.	For cabinet	
SINGLE OPAQUE	**HEIGHT**	**WIDTH**
PO16560	1650	600
PO16580	1650	800
PO165100	1650	1000
PO18030	1800	300
PO18040	1800	400
PO18060	1800	600
PO18080	1800	800
PO180100	1800	1000
PO20030	2000	300
PO20040	2000	400
PO20060	2000	600
PO20080	2000	800
PO200100	2000	1000
PO22030	2200	300
PO22040	2200	400
PO22060	2200	600
PO22080	2200	800
SINGLE TRANSPARENT	**HEIGHT**	**WIDTH**
PT16560	1650	600
PT16580	1650	800
PT18060	1800	600
PT18080	1800	800
PT20060	2000	600
PT20080	2000	800
PT200100	2000	1000
PT22080	2200	800

MATERIAL: Opaque doors: Cold rolled steel, 2-mm thick, primed and painted RAL 7035 Light Grey.

Transparent doors: 4-mm thick tempered glass.

CHARACTERISTICS: Doors with 120° opening, reversible.

Lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.

They include a pack of hinges and a door retainer.

FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.



Reference No.	For cabinet	
DOUBLE OPAQUE SYM.	**HEIGHT**	**WIDTH**
PODCS165100	1650	1000
PODCS165120	1650	1200
PODCS180100	1800	1000
PODCS180120	1800	1200
PODCS180160	1800	1600
PODCS200100	2000	1000
PODCS200120	2000	1200
PODCS200160	2000	1600

MATERIAL: Cold rolled steel, 2-mm thick, primed and painted RAL 7035 Light Grey.

CHARACTERISTICS: Two doors per reference are supplied.

Doors with 120° opening, reversible.

Lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.

They include a pack of hinges and a door retainer.

Opaque door 1000-mm width: PO500+PO500.

Opaque door 1200-mm width: PO600+PO600.

Opaque door 1600-mm width: PO800+PO800.

FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Spare doors



Reference No.	For cabinet	
DOUBLE TRANSP. ASYMMETRICAL	HEIGHT	WIDTH
PTDCA165100	1650	1000
PTDCA165120	1650	1200
PTDCA180100	1800	1000
PTDCA180120	1800	1200
PTDCA200100	2000	1000
PTDCA200120	2000	1200

DOUBLE TRANSP. SYMMETRICAL	HEIGHT	WIDTH
PTDCS165100	1650	1000
PTDCS165120	1650	1200
PTDCS180100	1800	1000
PTDCS180120	1800	1200
PTDCS200100	2000	1000
PTDCS200120	2000	1200

MATERIAL: Transparent door: 4-mm thick tempered glass.
Fixed opaque door: Cold rolled steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: Each reference includes 2 doors. Doors with 120º opening, reversible. Lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
They include a pack of hinges and a door retainer.
Asymmetrical transparent door 1000-mm width: PT600+PO400.
Asymmetrical transparent door 1200-mm width: PT800+PO400.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.



Reference No.	For cabinet	
INNER	HEIGHT	WIDTH
PIN16560	1650	600
PIN16580	1650	800
PIN165100	1650	1000
PIN165120	1650	1200
PIN18040	1800	400
PIN18060	1800	600
PIN18080	1800	800
PIN180100	1800	1000
PIN180120	1800	1200
PIN20040	2000	400
PIN20060	2000	600
PIN20080	2000	800
PIN200100	2000	1000
PIN200120	2000	1000
PIN22060	2200	600
PIN22080	2200	800

MATERIAL: Cold rolled steel, painted RAL 7035 Light Grey, with a thickness of 1.5 mm.
CHARACTERISTICS: Opaque inner doors.
Doors with 120° opening, reversible.
Features 2 double-bit 5-mm locks. They include a pack of hinges and a door retainer.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Side door



Reference No.	For cabinet	
	HEIGHT	DEPTH
POS16560	1650	600
POS18060	1800	600
POS20060	2000	600
POS20080	2000	800
POS200100	2000	1000
POS22060	2200	600
POS22080	2200	800

MATERIAL: Galvanised steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: They allow quick and comfortable access to the interior of the cabinet through a side door to carry out checks or maintenance.
It allows to place a standard door instead of the side panel while maintaining IP degree and the tigtness of the cabinet.
Cabinet supplied with 4 point 1/4 turn lock, double bit 5mm insert and RAL 5013 Cobalt Blue key lock. 120º door opening.
The door with the frame protrudes approx. 70 mm more than the side panel.
FOR THE FOLLOWING CABINETS: ENL.

Interlocking and actuation systems for doors



Reference No.	Description
ACTUATION	
48515	Main cabinet interlocking and actuation lock

CHARACTERISTICS: Only for opaque-door cabinets.

Reference No.	For cabinet
INTERLOCKING KIT	WIDTH
48559(*)	400
48516	600
48517	800
48518	1000
48519	1200

MATERIAL: Galvanised steel mechanisms.
CHARACTERISTICS: It has a security function which forces the system into the position in which the secondary enclosures are locked in order to lock the main door.
It is activated by manual operation, preventing the opening of the secondary enclosures connected to one another by runner rods.
Two references must be ordered to obtain the interlocking and actuation system; actuation (48515) and interlock, depending on the width of the cabinet.
* Inner profiles for doors must be ordered for doors with a width of 400 mm (see page 180).
FOR THE FOLLOWING CABINETS: ENL.

Lock with handle



Ref. 48633



Ref. 48634

Reference No.	Description
48633	Lift handle
48634	Key lock

CHARACTERISTICS: Reference 48633: Lift handle with 4 locking points, 5 mm double bit insert, colour RAL 5013 Cobalt Blue and RAL 7016 Anthracite Grey.
Reference 48634: 4 point 1/4 turn lock, double bit 5mm insert and RAL 5013 Cobalt Blue key lock.
IP65 degree of protection.
These references do not include the inside lock plus rods, which must be ordered separately, depending on the height of the cabinet (see references below).
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Hinges and retainer



Ref. 48626



Ref. 48629



Ref. 48628



Ref. 48082

Reference	Description	Pack
48626	120º standard hinges	4-piece pack
48628	180º right opening hinges	4-piece pack
48629	180º left opening hinges	4-piece pack
48082	Lock retainer	4-piece pack

MATERIAL: Zamak. Reference No. 48626 made in stainless steel.
SUPPLY: Pack of 4 pieces + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Rods for inner locks



Reference	Description	Pack
48060	Single door rod 1650/1800 mm height	2-piece pack
48061	Single door rod 2000/2200 mm height	2-piece pack

MATERIAL: Zinc plated steel rods. Zamak retainers.
CHARACTERISTICS: They must be ordered for the installation of locks with handle.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Internal lock



Reference	Description
48083	Internal lock, double door + rod 1650
48084	Internal lock, double door + rod 1800
48085	Internal lock, double door + rod 2000

MATERIAL: Handle made of polyamide with fibreglass.
CHARACTERISTICS: 2-point ¼ turn interior lock. Rods included depending on the height of the cabinet.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Locks with handle


Ref. 48568


Ref. 48569

Reference	Description
48568	Lock with handle in zamak
48569	Lock with handle in stainless steel

Profile half cylinder not included.
IP65 degree of protection.
FOR THE FOLLOWING CABINETS: BIG-INX.


Ref. 48574


Ref. 48595

Reference	Description
48574	5-mm Double bit profile half cylinder in zamak
48595	Profile half cylinder in zamak with key code 333

Hinges and retainers


Ref. 48575


Ref. 48576


Ref. 48577

Reference	Description	Pack
48575	120° standard hinges for BIG-INX	4-piece pack
48576	Lock retainer for BIG-INX	4-piece pack
48577	Control of rods in zamak for BIG-INX	1-piece pack

FOR THE FOLLOWING CABINETS: BIG-INX.

Inserts for lock with handle


Ref. 48463


Ref. 48464


Ref. 48465

Reference No.	Description
48541	Triangular insert lock + triangular key 6.5
48463	Triangular insert lock + triangular key 8
48465	Security insert lock + key code 333
48585	Security insert lock + key code 405
48588	Security insert lock + key code 1242E
48464	Keyless pressure insert lock

Inner profiles for doors





Reference No.	For cabinet HEIGHT X WIDTH
48581	1650x400
48582	1800x400
48583	2000x400
48584	2200x400

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: To be ordered only for 400 mm-width doors.
FOR THE FOLLOWING CABINETS: FSC - ENL.

Door retainer



Reference No.	Description	For cabinet
48466	Door retainer L=230	FSC - ENL
48466/B	Door retainer L=230	BIG - BIG/INX

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: It stops the door when it reaches the end of its path.

PRE-MARCH 2025 DOOR LOCKS AND ACCESSORIES

Lift handle




Ref. 48522 Ref. 48523

Referencia	Descripción
48522	1/4 turn lock + RAL 7016 Anthracite Grey handle
48523	Lock for padlock + RAL 7016 Anthracite Grey handle

CHARACTERISTICS: Reference 48522: 4-point lock, double-bit insert with retractable handle in RAL7016 Light Grey. 5-mm double-bit key in zamak not included (Ref. 48460).
Reference 48523: Padlock not included.
IP65 degree of protection.
These references do not include the inside lock plus rods, which must be ordered separately, depending on the height of the cabinet (see references below).
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Retainers



Ref. 48482

Reference	Description	Pack
48482	Lock retainer	4-piece pack

MATERIAL: Zamak, except reference 48626 in stainless steel.
SUPPLY: Pack of 4 pieces + screws.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Rods for inner locks





Ref. 48565

Reference	Description	Pack
48560	Single door rod 1650/1800 mm height	2-piece pack
48561	Single door rod 2000/2200 mm height	2-piece pack
48562	External double door rod 1650 mm height	2-piece pack
48563	External double door rod 1800 mm height	2-piece pack
48564	External double door rod 2000 mm height	2-piece pack
48565	Rod end for BIG-INX. For double-doors only	4-piece pack

MATERIAL: Zinc plated steel rods. Zamak retainers.
CHARACTERISTICS: They must be ordered for the installation of locks with handle.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Internal lock



Reference	Description
48483	Internal lock, double door + rod 1650
48484	Internal lock, double door + rod 1800
48485	Internal lock, double door + rod 2000

MATERIAL: Handle made of polyamide with fibreglass.
CHARACTERISTICS: 2-point ¼ turn interior lock. Rods included depending on the height of the cabinet.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

ARGENTA PLUS

IP55-IP65 Steel floor-standing cabinets accessories

Key



Reference No.	Description
48460	5-mm double-bit key in zamak

Door switch with adjustable lever



Reference No.	Attachment	AC voltage V	AC voltage HZ	Dimensions mm
48462	Screws	125/250	50/60	165.5x30.6x30

CHARACTERISTICS: NA+NC contact.
Operation by stainless steel lever and wheel.
It is not compatible with the frame assembly or inner doors.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG - BIB INX - FIXED FRAME.

Door switch with linear push button



Reference No.	Attachment	AC voltage V	AC voltage HZ	Dimensions mm
48620	Screws	125/250	50/60	70x30.6x30

CHARACTERISTICS: Zinc-plated steel (backing material).
Operated by stainless steel switch. Built-in support bracket.
ENL-FSC cabinets: installation on the cabinet structure.
BIG cabinets: installation on the profiles for deep support.
IP65 protection degree.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Transport casters



Reference No.	Description	Pack
48290	150 kg transport casters	4-piece pack

MATERIAL: Enclosure: Polished aluminium alloy; Caster: Black polyamide; Threaded bolt: Yellow zinc chromate steel.
CHARACTERISTICS: Maximum load 150 kg per caster.
Height: Caster=70 mm; Threaded bolt=M12x22.
SUPPLY: 4-wheel pack: 2 casters with brake + 2 casters without brake.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Levelling feet



Reference No.	Description	Pack
48300	270 kg levelling feet	4-piece pack

MATERIAL: Enclosure: Black ABS; Threaded bolt: Clear zinc chromate steel.
CHARACTERISTICS: Maximum load 270 kg per foot.
Height: Foot=25 mm; Threaded bolt=M12x26.
SUPPLY: Pack of 4 pieces.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Ventilated roof



Reference No.	For cabinets	
	WIDTH	DEPTH
TVN40100	400	1000
TVN6040	600	400
TVN6050	600	500
TVN6060	600	600
TVN6080	600	800
TVN8040	800	400
TVN8050	800	500
TVN8060	800	600
TVN8080	800	800
TVN80100	800	1000
TVN10040	1000	400
TVN10050	1000	500
TVN10060	1000	600
TVN10080	1000	800
TVN12040	1200	400
TVN12050	1200	500
TVN12060	1200	600
TVN12080	1200	800
TVN16040	1600	400
TVN16050	1600	500

MATERIAL: RAL 7035 Light Grey painted cold-rolled steel.
CHARACTERISTICS: Perforated roof for natural ventilation.
It is supplied with all the elements required for installation.
IP22 degree of protection.
FOR THE FOLLOWING CABINETS: ENL.

Roof-elevating items



Reference No.	Description	Pack
48152	Roof-elevating items	4-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They allow the roof to be raised, providing natural ventilation.
They are screwed onto the structure at the roof fixing point. 30 mm elevation.
SUPPLY: Pack of 4 pieces.
FOR THE FOLLOWING CABINETS: ENL.

Document pocket



Ref. 49386



Ref. 49387

Reference No.	Description	Dimensions
		HEIGHT X WIDTH X DEPTH
49386	Metal document pocket 600	280x430x90
49387	Metal document pocket 800	280x630x90

MATERIAL: RAL 7035 Light Grey painted sheet steel.
CHARACTERISTICS: Fitting screws included. Ref. 49387 only to install in single-door cabinets.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

BALTIC





IP55 Steel desks

The BALTIC desks series has an elegant and functional design, conceived to provide maximum versatility and the best possible access for the operator. Desks manufactured with high-quality cold-rolled steel with IP55 protection and IK10 maximum resistance to impact.

This series is complemented by an extensive range of accessories, including plates, profiles, plinths, etc. that deliver global solutions.

The versatility of our production processes allows us to offer customised solutions for each installation.

IP 55 CE



BALTIC Technical characteristics

- **Degree of protection:** IP55.
- **Resistance to impact:** IK10.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum rated operating voltage:**1000 V AC / 1500 V DC.

BALTIC Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

BALTIC

IP55 Steel desks



Product series

Standard

- **Mixed version:**
  IP55 desks with control and synoptic panels.
  Height: 1415 mm.
  Width: 600 - 800 - 1000 - 1200 - 1600 mm.
  Depth: 500 - 950 mm.
- **Compact versions:**
  IP55 desks with control panel.
  Height: 965 mm.
  Width: 600 - 800 - 1000 - 1200 mm.
  Depth: 400 - 520 mm.

  IP55 desks with synoptic panel.
  Height: 700 mm.
  Width: 800 - 1000 - 1200 - 1600 mm.
  Depth: 950 mm.

To order

- Special desks, dimensions, cut-outs, colours, etc.

Supply

- Supplied on pallets, with honeycomb cardboard corner protectors and shrink-wrap film.
- The plate can be supplied in separate packaging on request. Bag of assembly accessories included.

Intended for the industrial sector for machinery control and automation applications

Material

- Cold-rolled steel EN 10130+A1.
- Injected polyurethane sealing gasket.

Finish

- Coated with hardened RAL 7035 Light Grey embossed polyester paint, with UV protection.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Painting:** Coated with hardened RAL 7035 Light Grey polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.

IP 55 CE






Enclosure

Compact version: IP55 Control desks

- Enclosure manufactured with side panels and welded profiles, making up a single part.
- Plate thickness 1.5 mm.
- Features a fold to guarantee IP55 protection.
- The desk can be lifted by means of profiles placed on the inside, fitted with M12 nuts to which the lifting eyebolts are screwed on (Lifting pack 48475 supplied as accessory).

Mixed version: IP55 control-synoptic desks

- Enclosure manufactured with side panels and welded profiles, consisting of two parts, the top and bottom enclosure (control-synoptic).
- Enclosure connection system using M6 bolts to form a complete and compact enclosure.
- The bottom enclosure has a rubber gasket that guarantees IP55 protection between the control and synoptic connection.
- Plate thickness 1.5 mm.
- The bottom enclosure has a fold to prevent water from entering the cabinet, to guarantee IP55 protection.
- The desk can be lifted by means of profiles placed on the inside, fitted with M12 nuts to which the lifting eyebolts are screwed on (Lifting pack 48475 supplied as accessory).

Cable entry

- Exchangeable and depth-adjustable cable entry covers.
- Made from galvanised steel with a thickness of 1.5 mm.
- Three 135-mm covers for desks with a width of 600, 800 and 1000 mm.
- 2x3 135 mm covers for desks with a width of 1200 and 1600 mm with a detachable central reinforcement.

Mounting plate

- Made from galvanised steel with a thickness of 2 mm.
- Vertical mounting plates with heights of 600 and 900 mm, depth-adjustable.
- Horizontal mounting plates screwed to the enclosure profiles.
- The plates can be fitted vertically and horizontally at the same time.
- Possibility of partial plates.
- Mounting plates supplied as accessory.
- Assembly accessory bag supplied with the plate.

Door

Control and synoptic doors

- 1.5-mm-thick, 90º opening opaque doors.
- Fitted with 2 pneumatic retainers to facilitate opening and prevent the door from falling suddenly. (See maximum acceptable load in the reference table, page 188).
- Welded reinforcement profiles with cut-out holes with a separation of 25 mm for fitting ducts, DIN rails or accessories.
- Sealing gasket to guarantee IP55 protection.
- The door surface is completely free for total functionality.

Vertical doors

- 1.5-mm-thick opaque doors with 120° reversible opening.
- Concealed and removal hinges with quick-assembly and disassembly pins.
- Sealing gasket to guarantee IP55 protection.
- Front and rear doors for greater accessibility.
- Single door for desks with a width of 600, 800 and 1000 mm and double door for desks with a width of 1200 and 1600 mm.
- Welded reinforcement profiles with cut-out holes with a separation of 25 mm for fitting ducts, DIN rails or accessories.

Locks

- 5-mm double-bit hook lock.
- 2 locks per vertical door and control-synoptic door.
- For cabinets with a width of 1600 mm, the control-synoptic doors have 3 locks.
- For cabinets with a width of 1200 and 1600 mm, the vertical double doors have 3-point locks.
- The number of locks assigned to each type of cabinet guarantees the cabinet's IP55 protection.
- Other types of locks supplied as accessories.




BALTIC

IP55 Steel desks

IP55 Desks. Rolled steel. With control and synoptic panels

Reference No.	Dimensions				Doors				Weight	Power dissipation according to temperature increase °C P(W)					Max. acc. load
					Synoptic		Vertical								
	HEIGHT	WIDTH	DEPTH CONTROL	DEPTH SYNOPTIC	NO. OF DOORS VERT.	HORIZ.	FRONT DOORS	REAR DOORS	kg	20	25	30	35	40	HORIZ. DOOR
PSC600	1415	600	500	950	1	1	1 single door	1 single door	93.7	317.0	396.3	475.5	554.8	634.1	14 kg
PSC800	1415	800	500	950	1	1	1 single door	1 single door	107.7	376.0	470.0	564.0	658.0	752.0	13 kg
PSC1000	1415	1000	500	950	1	1	1 single door	1 single door	127.6	435.0	543.7	652.5	761.2	870.0	11.5 kg
PSC1200	1415	1200	500	950	1	1	1 double door	2 double doors	145.7	494.0	617.5	741.0	864.5	988.0	11 kg
PSC1600	1415	1600	500	950	1	1	1 double door	2 double doors	174.9	611.9	764.9	917.9	1070.9	1223.9	7.5 kg

IP55 Desks. Rolled steel. With control panels

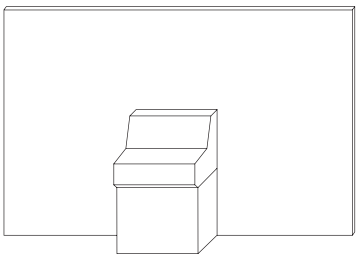
Reference No.	Dimensions				Doors			Weight	Power dissipation according to temperature increase °C P(W)					Max. acc. load
					Synoptic	Vertical								
	HEIGHT	WIDTH	DEPTH 1	DEPTH 2	NO. OF DOORS HORIZ.	FRONT DOORS	REAR DOORS	kg	20	25	30	35	40	HORIZ. DOOR
PC600	965	600	400	520	1	1 single door	1 single door	47.7	202.6	253.2	303.8	354.5	405.1	14 kg
PC800	965	800	400	520	1	1 single door	1 single door	56.2	244.6	305.7	366.9	428.0	489.2	13 kg
PC1000	965	1000	400	520	1	1 single door	1 single door	69.7	286.6	358.3	430.0	501.6	573.3	11.5 kg
PC1000/PD	965	1000	400	520	1	1 double door	1 double door	71.4	286.6	358.3	430.0	501.6	573.3	11.5 kg
PC1200	965	1200	400	520	1	1 double door	1 double door	82.3	328.7	410.9	493.0	575.2	657.4	11 kg

IP55 Desks. Rolled steel. With synoptic panels

Reference No.	Dimensions			Doors synoptic		Weight	Power dissipation according to temperature increase °C P(W)					Max. acc. load
	HEIGHT	WIDTH	DEPTH SYNOPTIC	VERTICAL	HORIZONTAL	kg	20	25	30	35	40	HORIZ. DOOR
PS800	700	800	950	1	1	75.6	376.0	470.0	564.0	658.0	752.0	13 kg
PS1000	700	1000	950	1	1	90.3	435.0	543.7	652.5	761.2	870.0	11.5 kg
PS1200	700	1200	950	1	1	101.5	494.0	617.5	741.0	864.5	988.0	11 kg
PS1600	700	1600	950	1	1	120.1	611.9	764.9	917.9	1070.9	1223.9	7.5 kg

RAL 7035 Light Grey rolled steel.
Supplied without mounting plates or plinths.

SEE ACCESSORIES ON PAGE 190.



Conceived to deliver the utmost versatility and best access by the operator







IP55 control and synoptic desks



IP55 synoptic desks



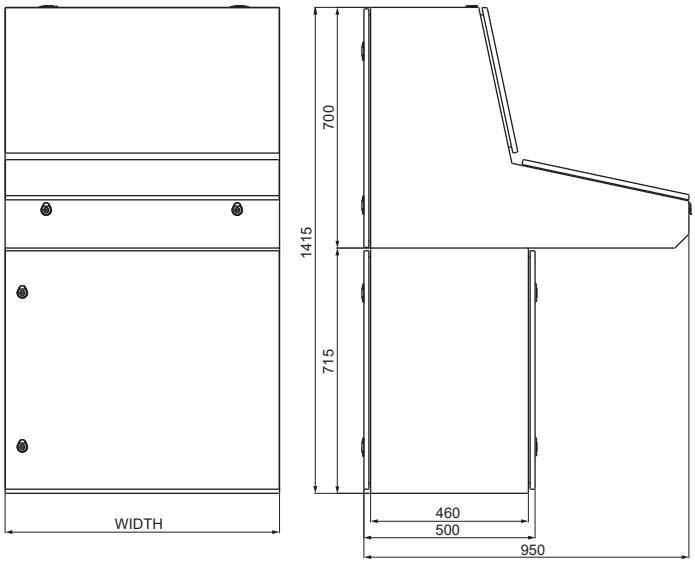
IP55 control desks



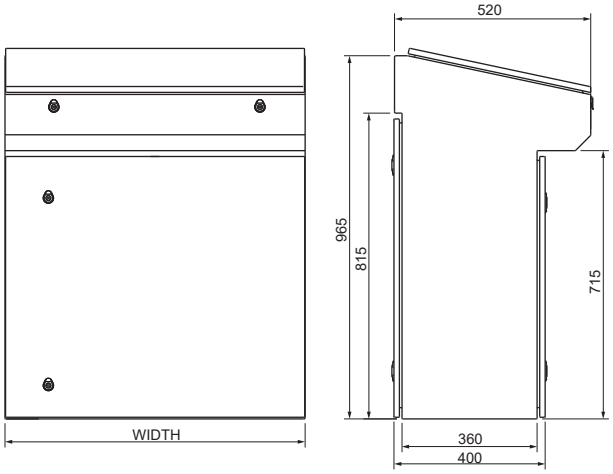
Special desks

Dimensions

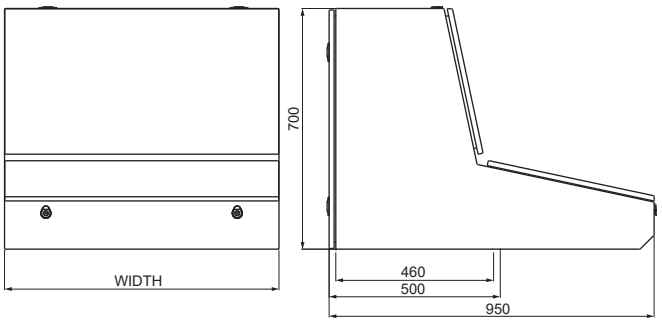
IP55 with control and synoptic panels



IP55 with control panel



IP55 with synoptic panel



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IP55 Steel desks accessories

Mounting plates



Reference No.	Dimensions	For desk	Position	
VERTICAL HEIGHT 600 MM	HEIGHT X WIDTH	WIDTH	PSC	PC
PLBA600	642x521	600	B-C-E	F
PLBA800	642x721	800	B-C-E	F
PLBA1000	642x921	1000	B-C-E	F
PLBA1200	642x1121	1200	B-C-E	F
PLBA1600	642x1521	1600	B-C-E	F

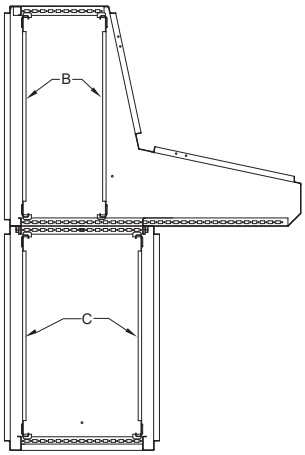
Reference No.	Dimensions	For desk	Position	
VERTICAL HEIGHT 900 MM	HEIGHT X WIDTH	WIDTH	PSC	PC
PLBI600	900x521	600	-	H
PLBI800	900x721	800	-	H
PLBI1000	900x921	1000	-	H
PLBI1200	900x1121	1200	-	H
PLBI1600	900x1521	1600	-	H

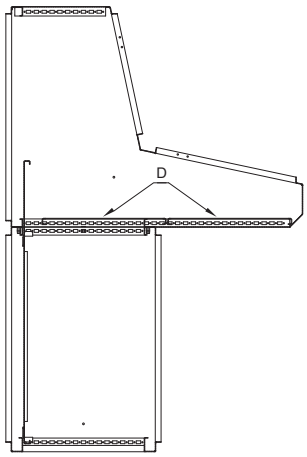
Reference No.	Dimensions	For desk	Position	
HORIZONTAL HEIGHT 400 MM	HEIGHT X WIDTH	WIDTH	PSC	PC
PLBE600	394x521	600	D	G
PLBE800	394x721	800	D	G
PLBE1000	394x921	1000	D	G
PLBE1200	394x1121	1200	D	G
PLBE1600	394x1521	1600	D	G

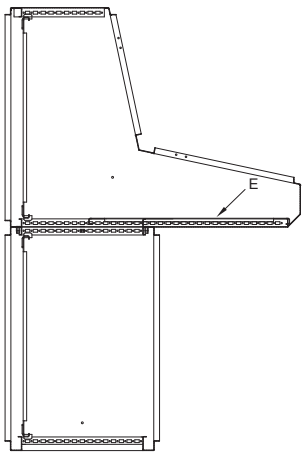
MATERIAL: Plain mounting plate in 2-mm thick galvanised steel.
CHARACTERISTICS: Bag of assembly accessories included.
FOR THE FOLLOWING DESKS: PSC - PC - PS.



Desks with control and synoptic panel







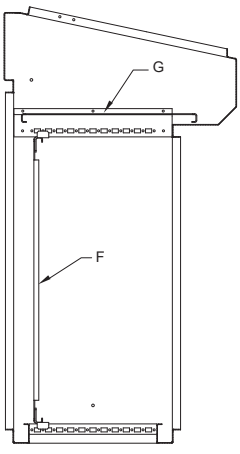
Possibility of plate mounting for desks with control and synoptic panels

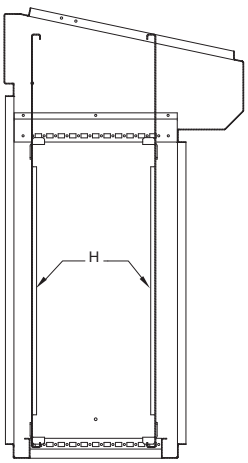
- At the top of part B.
- At the bottom of part C.
- On the control module D.

These desks can be combined in several ways with the mounting plates:

- One plate at the bottom and another at the top.
- Two partial plates, back-to-back, at the bottom.
- One mounting plate on the base of the control module.

Desks with control panel





Possibility of plate mounting on desks with control panel

- Desk with horizontal panel on the front.
- The depth of the mounting plates can be adjusted in increments of 12.5 mm as standard.

BALTIC

IP55 Steel desks accessories

Plinths

Corner pieces and front covers



Reference No.	Dimensions	For desk	Pack
100-MM PLINTHS	**HEIGHT**	**WIDTH**	
ZCL1060	100	600	2-piece pack
ZCL1080	100	800/1600	2-piece pack
ZCL10100	100	1000	2-piece pack
ZCL10120	100	1200	2-piece pack
ZCL10160	100	1600	2-piece pack
200-MM PLINTHS	**HEIGHT**	**WIDTH**	
ZCL2060	200	600	2-piece pack
ZCL2080	200	800/1600	2-piece pack
ZCL20100	200	1000	2-piece pack
ZCL20120	200	1200	2-piece pack
ZCL20160	200	1600	2-piece pack
200-MM PLINTHS 100 + 100 COVERS	**HEIGHT**	**WIDTH**	
ZCL2T1060	100+100	600	2-piece pack
ZCL2T1080	100+100	800 /1600	2-piece pack
ZCL2T10100	100+100	1000	2-piece pack
ZCL2T10120	100+100	1200	2-piece pack

MATERIAL: RAL 7016 Anthracite Grey painted sheet steel.
CHARACTERISTICS: Set consisting of two covers, front and rear, and four corner pieces.
Available in two heights, 100 mm and 200 mm.
The 200-mm plinth is also supplied as 100 + 100 covers.
To obtain the complete set, you must order the corner pieces and the front covers plus the side covers.
SUPPLY: Pack of 2 front panels + 4 corner pieces.
FOR THE FOLLOWING DESKS: PSC - PC.

Side covers



Reference No.	Dimensions	For desk	Pack
100-MM PLINTHS	**HEIGHT**	**DEPTH**	
TLZCL1040	100	400	2-piece pack
TLZCL1050	100	500	2-piece pack
200-MM PLINTHS	**HEIGHT**	**DEPTH**	
TLZCL2040	200	400	2-piece pack
TLZCL2050	200	500	2-piece pack

MATERIAL: RAL 7016 Anthracite Grey painted sheet steel.
CHARACTERISTICS: Available in two heights, 100 mm and 200 mm.
To obtain the complete set, you must order the side covers plus corner pieces and front covers.
SUPPLY: Pack of 2 side covers.
FOR THE FOLLOWING DESKS: PSC - PC.

Lifting eyebolts



Reference No.	Description	Pack
48475	M12 Lifting eyebolts	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They are fitted on the top of the desk.
SUPPLY: Pack of 2 pieces.
FOR THE FOLLOWING DESKS: PSC - PC.

Pneumatic lift for doors



Reference No.	Description
46251	Pneumatic lift for doors

CHARACTERISTICS: It keeps the control panel module in the open position.
Each bag contains a height adjuster, a mounting bracket and 3x12-mm head-insulated screws.
Pull-out rating 15 kg.

Profiles



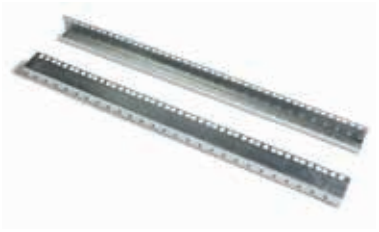
Reference No.	Dimensions	Pack
DOUBLE VERTICAL		
PMV700	700	2-piece pack



Reference No.	Dimensions	Pack
HORIZONTAL		
PMH400	400	2-piece pack
PMH500	500	2-piece pack



Reference No.	Dimensions	Pack
TRANSVERSAL		
PMT600	600	2-piece pack
PMT800	800	2-piece pack
PMT1000	1000	2-piece pack
PMT1200	1200	2-piece pack
PMT1600	1600	2-piece pack



Reference No.	Assembly units	Pack
FOR 19" RACK		
PMR19/15U	15U	2-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: Profiles for installing trays and accessories inside the desk.
Maximum load: Profiles from 700 to 1200: 210 kg. Profiles of 1600: 150 kg.
SUPPLY: Pack of 2 profiles + screws.
FOR THE FOLLOWING DESKS: PSC - PC.

Hook lock



Reference No.	Description
46250	5-mm double-bit hook lock

CHARACTERISTICS: Housing manufactured in RAL 7037 Dusty Grey polyamide and latch in steel.
5-mm double-bit key not included. (Ref. 48449).
IP66 degree of protection.

Key



Reference No.	Description
48449	5-mm double-bit key in polyamide

THERMAL MANAGEMENT

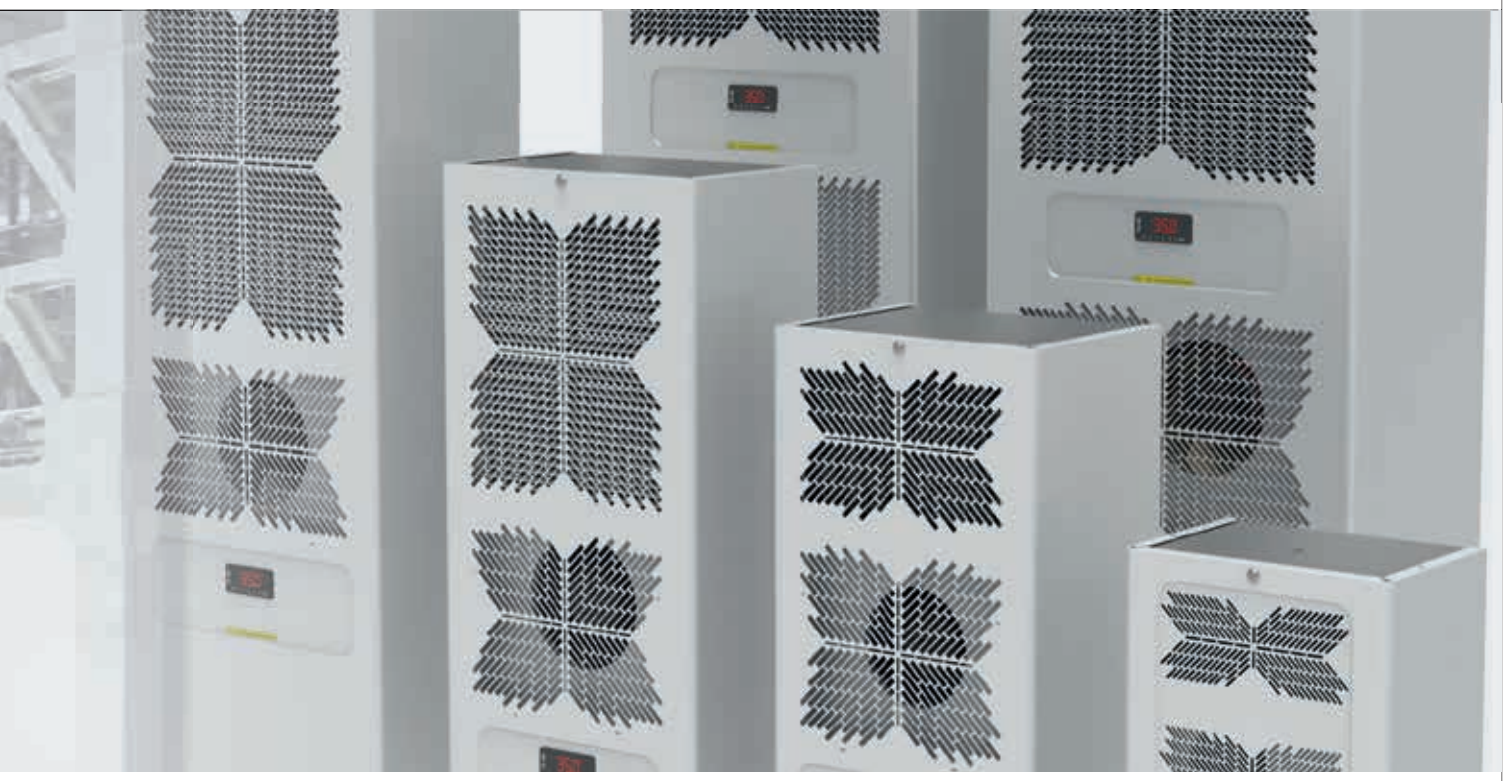




Thermal management for industrial cabinets

Control of the temperature inside the electrical cabinets is a fundamental factor for lengthening the service life and correct operation of the electrical and electronic appliances installed inside. A perfect air conditioning system for forestalling temperature fluctuations which could damage the equipment, preventing overheating and the formation of condensation.

The correct choice of temperature control appliances is essential for guaranteeing the correct operation of our electrical panels.



Content

- Fans (AC, DC).
- Air filter grilles.
- Heating resistors.
- Thermostats.
- Hygrostats and hygrotherms.
- Air conditioners.
- Exchangers.

Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: IEC 62208 and IEC 61439-1
(as applicable).

How to select the most suitable appliances

- Analyse the conditions of work.
- Analyse the environmental and temperature conditions.
- Analyse whether the exterior temperature is higher or lower than the temperature inside the panel.
- Analyse the conditions of contamination, dust, fluids, aggressive environments, oils.

Recommendations

- Low ambient temperature: Fans with filter.
- Ambient highly contaminated with dust or fluids: Air-air exchangers.
- High ambient temperature: Air conditioners.
- Ambient with high degree of humidity and aggressive contamination (oils): Air-water exchangers.

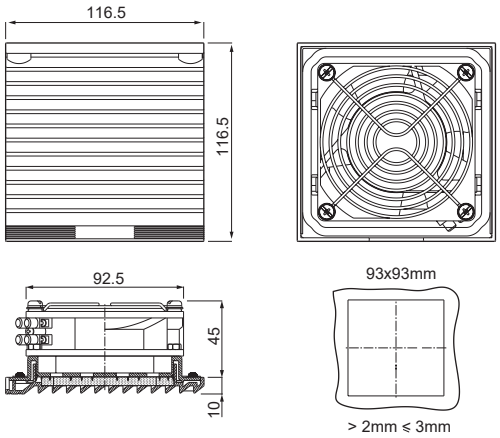
IP54 AC Filter fan (34-42 m³/h)



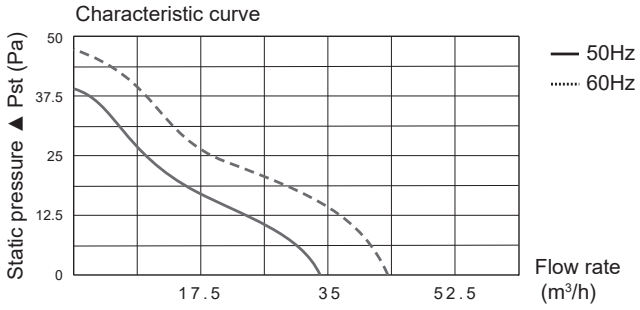
Characteristics	Units	Reference VF34AC	
Voltage	V	230	
	Hz	50	60
Air flow with filter	m³/h	34	42
Operating temperature	°C	-20 /+65	
Relative humidity range	-	0 - 95%	
Filtration efficiency	-	Up to 73%	
Service (at 40 °C)	h	50000	
Noise level	dB	32	34
Dimensions	mm	116.5x116.5x55	
Thickness of the cabinet wall	mm	2 - 3	
Cut-off dimensions	mm	93x93	
Electrical connection	-	Terminal	
Current consumption	A	0.06	0.07
Energy consumption	W	12	11
Static pressure	Pa	39	45
Overcurrent protection	-	Impedance	
Degree of protection	-	IP54	
Direction of flow	-	From exterior to interior	
Reversible	-	Yes	
Bearing	-	Ball bearing	
Colour	-	RAL 7035	
Material	-	UL94 V0 ABS	
Filter material	-	Nylon fibre 150 g/m³	
Seal	-	Autoadhesive polyurethane	
Weight	kg	0.38	
Assembly	-	Quick-connect clip	
Certificates	-	CE, ROHS	

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



IP 54 CE

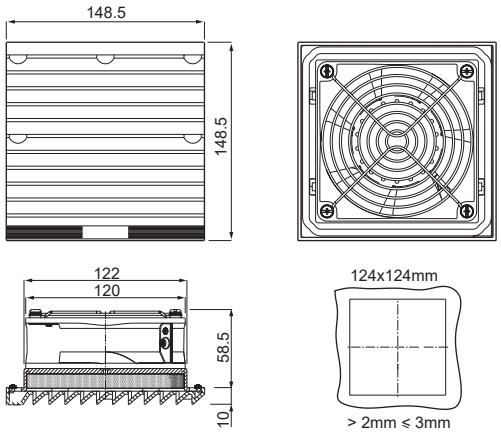
IP54 AC Filter fan (92-107 m³/h)



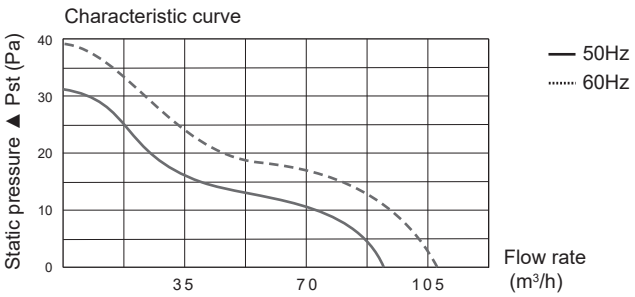
Characteristics	Units	Reference VF92AC		Reference VF92AC/115	
Voltage	V	230		115	
	Hz	50	60	50	60
Air flow with filter	m³/h	92	107	92	107
Operating temperature	°C	-20 /+65			
Relative humidity range	-	0 - 95%			
Filtration efficiency	-	Up to 73%			
Service (at 40 °C)	h	50000			
Noise level	dB	32	34	32	34
Dimensions	mm	148.5x148.5x68.5			
Thickness of the cabinet wall	mm	2 - 3			
Cut-off dimensions	mm	124x124			
Electrical connection	-	Terminal			
Current consumption	A	0.12	0.10	0.12	0.10
Energy consumption	W	19	14	19	14
Static pressure	Pa	32	39	32	39
Overcurrent protection	-	Impedance			
Degree of protection	-	IP54			
Direction of flow	-	From exterior to interior			
Reversible	-	Yes			
Bearing	-	Ball bearing			
Colour	-	RAL 7035			
Material	-	UL94 V0 ABS			
Filter material	-	Nylon fibre 150 g/m³			
Seal	-	Autoadhesive polyurethane			
Weight	kg	0.70			
Assembly	-	Quick-connect clip			
Certificates	-	CE, ROHS			

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



THERMAL MANAGEMENT

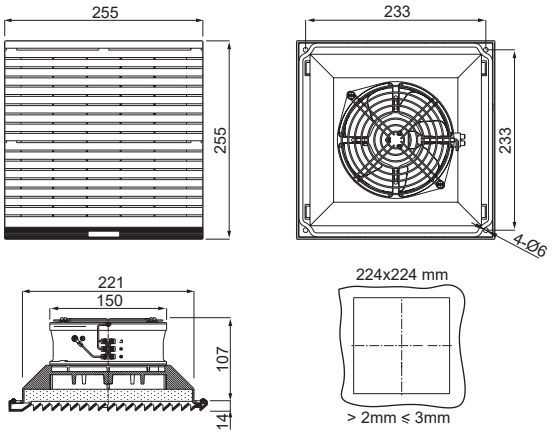
IP54 AC Filter fan (224-266 m³/h)



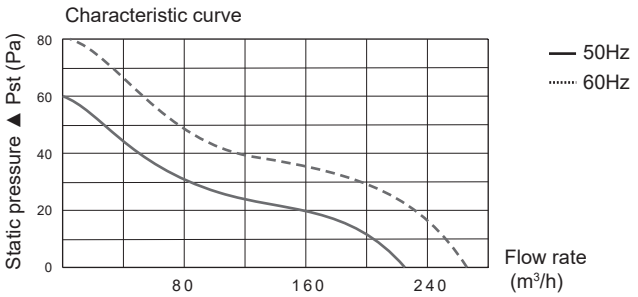
Characteristics	Units	Reference VF224AC	
Voltage	V	230	
	Hz	50	60
Air flow with filter	m³/h	224	266
Operating temperature	°C	-20 /+70	
Relative humidity range	-	0 - 95%	
Filtration efficiency	-	Up to 73%	
Service (at 40 °C)	h	50000	
Noise level	dB	46	50
Dimensions	mm	255x255x121	
Thickness of the cabinet wall	mm	2 - 3	
Cut-off dimensions	mm	224x224	
Electrical connection	-	Terminal	
Current consumption	A	0.25	0.20
Energy consumption	W	37	33
Static pressure	Pa	60	85
Overcurrent protection	-	Thermal	
Degree of protection	-	IP54	
Direction of flow	-	From exterior to interior	
Reversible	-	Yes	
Bearing	-	Ball bearing	
Colour	-	RAL 7035	
Material	-	UL94 V0 ABS	
Filter material	-	Nylon fibre 150 g/m³	
Seal	-	Autoadhesive polyurethane	
Weight	kg	1.62	
Assembly	-	Quick-connect clip / Bolts	
Certificates	-	CE, ROHS	

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



IP 54 CE

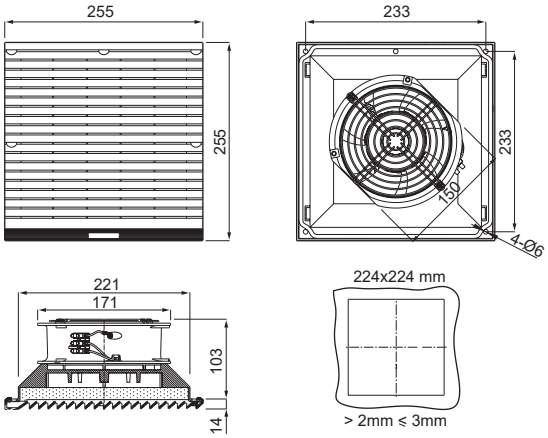
IP54 AC Filter fan (280-320 m³/h)



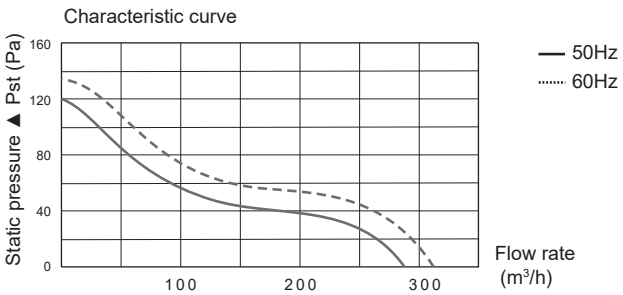
Characteristics	Units	Reference VF280AC		Reference VF280AC/115	
Voltage	V	230		115	
	Hz	50	60	50	60
Air flow with filter	m³/h	280	320	280	320
Operating temperature	°C	-20 /+70			
Relative humidity range	-	0 - 95%			
Filtration efficiency	-	Up to 73%			
Service (at 40 °C)	h	50000			
Noise level	dB	48	50	48	50
Dimensions	mm	255x255x117			
Thickness of the cabinet wall	mm	2 - 3			
Cut-off dimensions	mm	224x224			
Electrical connection	-	Terminal			
Current consumption	A	0.26	0.24	0.26	0.24
Energy consumption	W	41	38	41	38
Static pressure	Pa	120	135	120	135
Overcurrent protection	-	Impedance			
Degree of protection	-	IP54			
Direction of flow	-	From exterior to interior			
Reversible	-	Yes			
Bearing	-	Ball bearing			
Colour	-	RAL 7035			
Material	-	UL94 V0 ABS			
Filter material	-	Nylon fibre 150 g/m³			
Seal	-	Autoadhesive polyurethane			
Weight	kg	1.47			
Assembly	-	Quick-connect clip / Bolts			
Certificates	-	CE, ROHS			

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



THERMAL MANAGEMENT

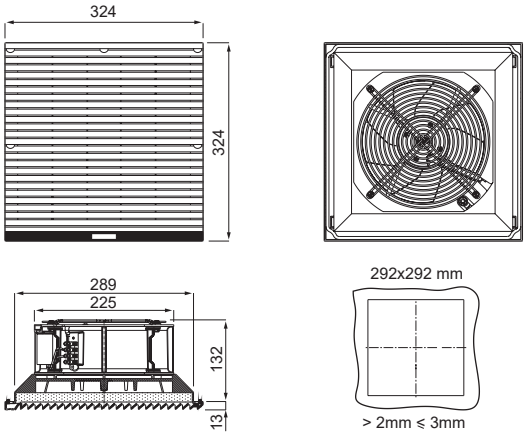
IP54 AC Filter fan (637-707 m³/h)



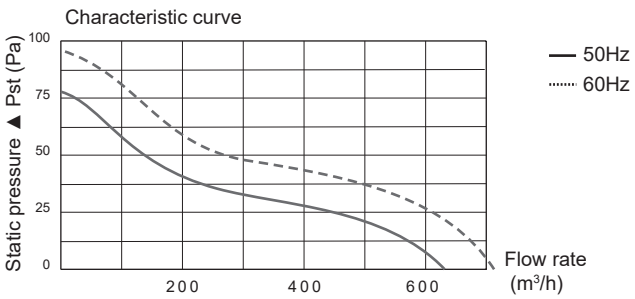
Characteristics	Units	Reference VF637AC		Reference VF637AC/115	
Voltage	V	230		115	
	Hz	50	60	50	60
Air flow with filter	m³/h	637	707	637	707
Operating temperature	°C	-20 /+75			
Relative humidity range	-	0 - 95%			
Filtration efficiency	-	Up to 73%			
Service (at 40 °C)	h	50000			
Noise level	dB	55	57	55	57
Dimensions	mm	324x324x145			
Thickness of the cabinet wall	mm	2 - 3			
Cut-off dimensions	mm	292x292			
Electrical connection	-	Terminal			
Current consumption	A	0.30	0.34	0.30	0.34
Energy consumption	W	65	77	65	77
Static pressure	Pa	78	90	78	90
Overcurrent protection	-	Thermal			
Degree of protection	-	IP54			
Direction of flow	-	From exterior to interior			
Reversible	-	Yes			
Bearing	-	Ball bearing			
Colour	-	RAL 7035			
Material	-	UL94 V0 ABS			
Filter material	-	Nylon fibre 150 g/m³			
Seal	-	Autoadhesive polyurethane			
Weight	kg	3.43			
Assembly	-	Quick-connect clip			
Certificates	-	CE, ROHS			

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



IP 54 CE

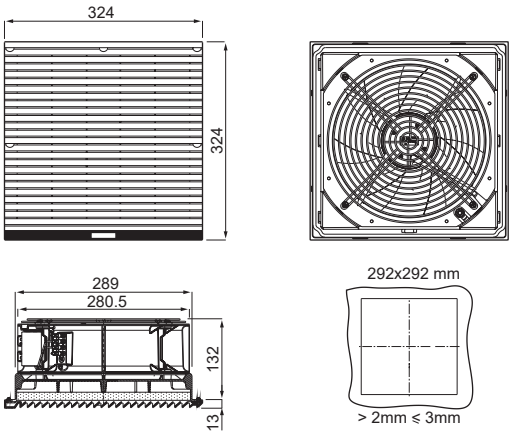
IP54 AC Filter fan (1395-1530 m³/h)



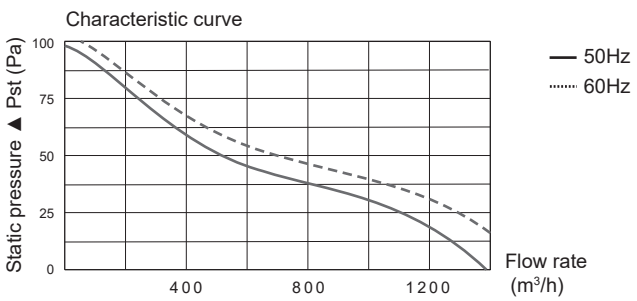
Characteristics	Units	Reference VF1395AC		Reference VF1395AC/115	
Voltage	V	230		115	
	Hz	50	60	50	60
Air flow with filter	m³/h	1395	1530	1395	1530
Operating temperature	°C	-20 /+75			
Relative humidity range	-	0 - 95%			
Filtration efficiency	-	Up to 73%			
Service (at 40 °C)	h	50000			
Noise level	dB	63	65	63	65
Dimensions	mm	324x324x145			
Thickness of the cabinet wall	mm	2 - 3			
Cut-off dimensions	mm	292x292			
Electrical connection	-	Terminal			
Current consumption	A	0.48	0.62	0.48	0.62
Energy consumption	W	105	140	105	140
Static pressure	Pa	95	105	95	105
Overcurrent protection	-	Thermal			
Degree of protection	-	IP54			
Direction of flow	-	From exterior to interior			
Reversible	-	Yes			
Bearing	-	Ball bearing			
Colour	-	RAL 7035			
Material	-	UL94 V0 ABS			
Filter material	-	Nylon fibre 150 g/m³			
Seal	-	Autoadhesive polyurethane			
Weight	kg	4.22			
Assembly	-	Quick-connect clip			
Certificates	-	CE, ROHS			

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



THERMAL MANAGEMENT

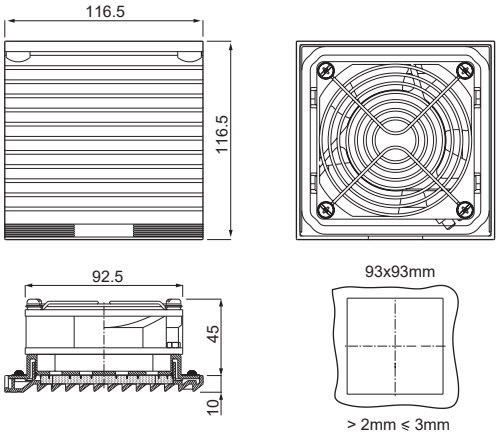
IP54 DC Filter fan (60 m³/h)



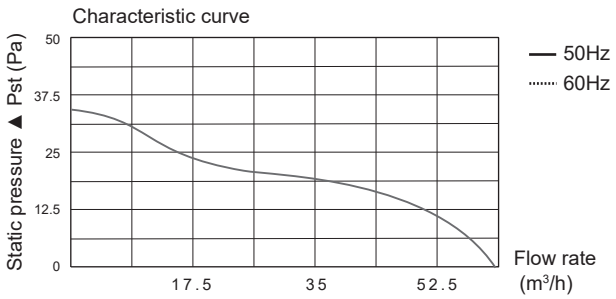
Characteristics	Units	Reference VF60DC
Voltage	V	24
Air flow with filter	m³/h	60
Operating temperature	°C	-20 /+65
Relative humidity range	-	0 - 95%
Filtration efficiency	-	Up to 73%
Service (at 40 °C)	h	50000
Noise level	dB	34
Dimensions	mm	116.5x116.5x55
Thickness of the cabinet wall	mm	2 - 3
Cut-off dimensions	mm	93x93
Electrical connection	-	Terminal
Current consumption	A	0.12
Energy consumption	W	2.88
Static pressure	Pa	35
Overcurrent protection	-	Impedance
Degree of protection	-	IP54
Direction of flow	-	From exterior to interior
Reversible	-	Yes
Bearing	-	Ball bearing
Colour	-	RAL 7035
Material	-	UL94 V0 ABS
Filter material	g/m³	Nylon fibre 150
Seal	-	Autoadhesive polyurethane
Weight	kg	0.37
Assembly	-	Quick-connect clip
Certificates	-	CE, ROHS

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



IP 54 CE

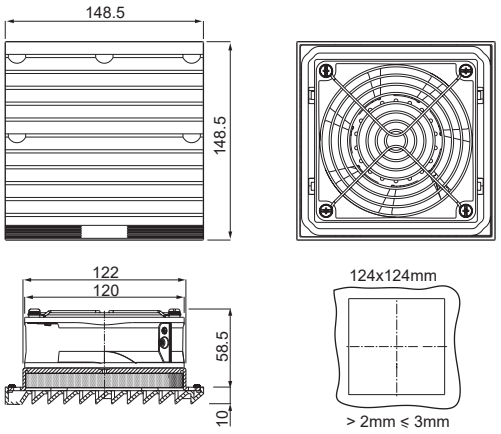
IP54 DC Filter fan (113 m³/h)



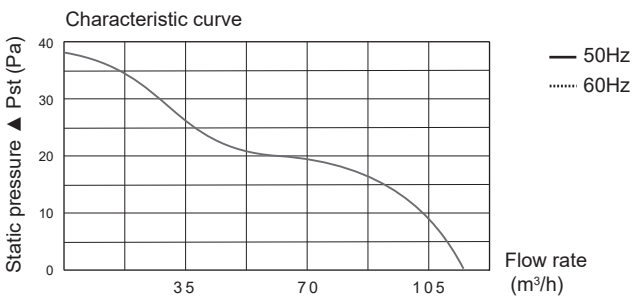
Characteristics	Units	Reference VF113DC
Voltage	V	24
Air flow with filter	m³/h	113
Operating temperature	°C	-20 /+65
Relative humidity range	-	0 - 95%
Filtration efficiency	-	Up to 73%
Service (at 40 °C)	h	50000
Noise level	dB	35
Dimensions	mm	148.5x148.5x68.5
Thickness of the cabinet wall	mm	2 - 3
Cut-off dimensions	mm	124x124
Electrical connection	-	Terminal
Current consumption	A	0.31
Energy consumption	W	7.44
Static pressure	Pa	38
Overcurrent protection	-	Impedance
Degree of protection	-	IP54
Direction of flow	-	From exterior to interior
Reversible	-	Yes
Bearing	-	Ball bearing
Colour	-	RAL 7035
Material	-	UL94 V0 ABS
Filter material	-	Nylon fibre 150 g/m³
Seal	-	Autoadhesive polyurethane
Weight	kg	0.49
Assembly	-	Quick-connect clip
Certificates	-	CE, ROHS

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs



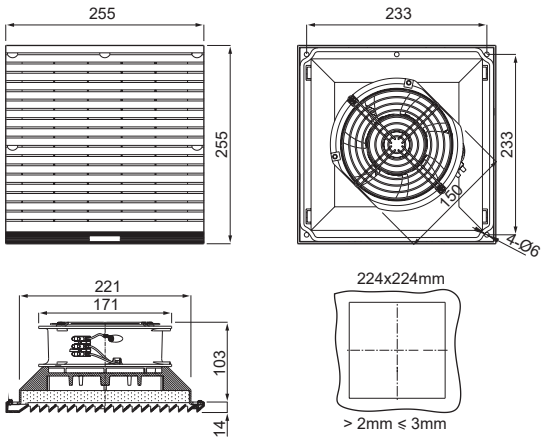
IP54 DC Filter fan (245 m³/h)



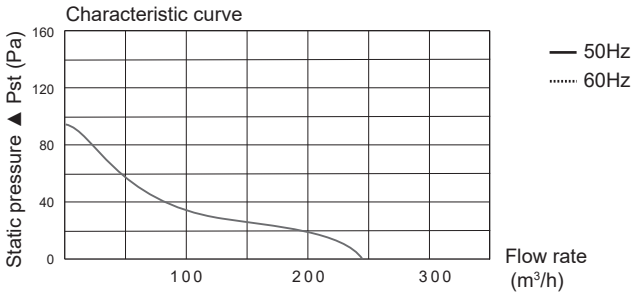
Characteristics	Units	Reference VF245DC
Voltage	V	24
Air flow with filter	m³/h	245
Operating temperature	°C	-20 /+70
Relative humidity range	-	0 - 95%
Filtration efficiency	-	Up to 73%
Service (at 40 °C)	h	50000
Noise level	dB	48
Dimensions	mm	255x255x117
Thickness of the cabinet wall	mm	2 - 3
Cut-off dimensions	mm	224x224
Electrical connection	-	Terminal
Current consumption	A	0.50
Energy consumption	W	12
Static pressure	Pa	95
Overcurrent protection	-	Impedance
Degree of protection	-	IP54
Direction of flow	-	From exterior to interior
Reversible	-	Yes
Bearing	-	Ball bearing
Colour	-	RAL 7035
Material	-	UL94 V0 ABS
Filter material	-	Nylon fibre 150 g/m³
Seal	-	Autoadhesive polyurethane
Weight	kg	1.30
Assembly	-	Quick-connect clip / Bolts
Certificates	-	CE, ROHS

For the extractor function (outward flow), unscrew the fan, turn it 180°, reversing the axis of rotation, and put the screws back in.

Dimensions



Graphs

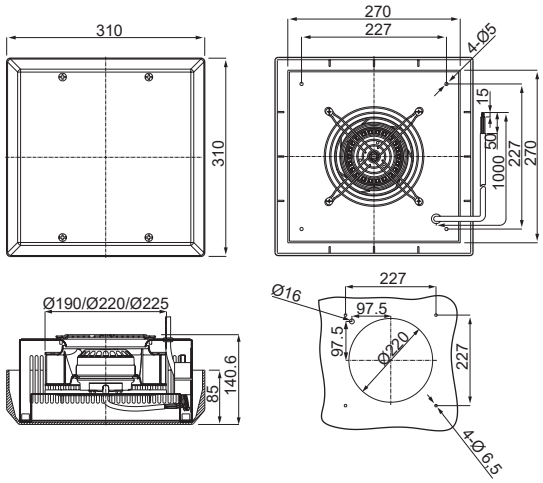


IP 54 CE

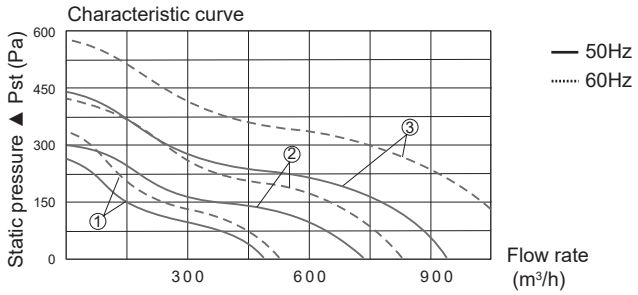
IP54 Ceiling fan (484-1140 m³/h)



Dimensions



Graphs



Characteristics	Units	Reference VT484		Reference VT484/115		Reference VT730		Reference VT730/115		Reference VT1020	
Voltage	V	230		115		230		115		230	
	Hz	50	60	50	60	50	60	50	60	50	60
Air flow with filter	m³/h	484	527	484	527	730	830	730	830	1020	1140
Operating temperature	°C	-30 / +80									
Relative humidity range	-	0 - 95%									
Service (at 40 °C)	h	50000									
Noise level	dB	57	59	57	59	60	62	60	62	62	64
Dimensions	mm	310x310x140									
Cut-off dimensions	mm	Ø220									
Electrical connection	-	Cable									
Current consumption	A	0.26	0.33	0.26	0.33	0.46	0.51	0.46	0.51	0.60	0.74
Energy consumption	W	58	74	58	74	98	118	98	118	131	170
Static pressure	Pa	265	335	265	335	300	440	300	440	430	585
Static pressure curve	-	1				2				3	
Overcurrent protection	-	Thermal									
Degree of protection	-	IP54									
Direction of flow	-	From interior to exterior									
Bearing	-	Ball bearing									
Material	-	UL94 V0 ABS / Cast iron									
Colour	-	RAL 7035									
Seal	-	Autoadhesive polyurethane									
Weight	kg	4.80				5.23				5.70	
Assembly		Bolts									
Certificates	-	CE. ROHS									

Air filter grille (for VF fans)

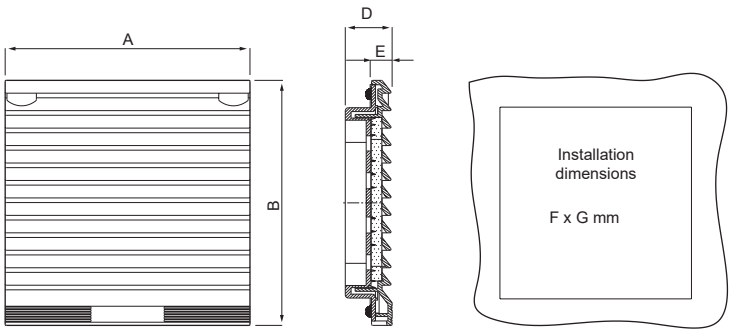




Characteristics	Units	Reference RF93
Dimensions (AxB)	mm	116.5x116.5
Dimensions (D-E)	mm	22-10
Cut-off dimensions (FxG)	mm	93x93
Filtration efficiency	-	Up to 73% (G2)
Operating temperature	°C	-20 / +70
Relative humidity range	-	0 - 95%
Degree of protection	-	IP54
Material	-	ABS + 150 g/m³ nylon fibre
Colour	-	RAL 7035
Thickness of the cabinet wall	mm	1.5 - 2
Seal	-	Autoadhesive polyurethane
Assembly	-	Quick-connect clip / Bolts
Certificates	-	CE, ROHS

Characteristics	Units	Reference RF123
Dimensions (AxB)	mm	148.5x148.5
Dimensions (D-E)	mm	27.5-10
Cut-off dimensions (FxG)	mm	124x124
Filtration efficiency	-	Up to 73% (G2)
Operating temperature	°C	-20 / +70
Relative humidity range	-	0 - 95%
Degree of protection	-	IP54
Material	-	ABS + 150 g/m³ nylon fibre
Colour	-	RAL 7035
Thickness of the cabinet wall	mm	1.5 - 2
Seal	-	Autoadhesive polyurethane
Assembly	-	Quick-connect clip / Bolts
Certificates	-	CE, ROHS

Dimensions



IP 54 CE

Air filter grille (for VF fans)





Characteristics	Units	Reference RF222
Dimensions (AxB)	mm	255x255
Dimensions (D-E)	mm	30.5-13.5
Cut-off dimensions (FxG)	mm	224x224
Filtration efficiency	-	Up to 73% (G2)
Operating temperature	°C	-20 / +70
Relative humidity range	-	0 - 95%
Degree of protection	-	IP54
Material	-	ABS + 150 g/m³ nylon fibre
Colour	-	RAL 7035
Thickness of the cabinet wall	mm	1.5 - 2
Seal	-	Autoadhesive polyurethane
Assembly	-	Quick-connect clip / Bolts
Certificates	-	CE, ROHS

Characteristics	Units	Reference RF290
Dimensions (AxB)	mm	324x324
Dimensions (D-E)	mm	30.5-13.5
Cut-off dimensions (FxG)	mm	292x292
Filtration efficiency	-	Up to 73% (G2)
Operating temperature	°C	-20 / +70
Relative humidity range	-	0 - 95%
Degree of protection	-	IP54
Material	-	ABS + 150 g/m³ nylon fibre
Colour	-	RAL 7035
Thickness of the cabinet wall	mm	1.5 - 2
Seal	-	Autoadhesive polyurethane
Assembly	-	Quick-connect clip / Bolts
Certificates	-	CE, ROHS

Protective covers for grills



Characteristics	Units	Reference CRF93	Reference CRF123	Reference CRF222	Reference CRF290
Dimensions (HeightxWidth)	mm	217x190	246x220	350x325	418x395
Dimensions (Depth)	mm	85	90	108	170
Cut dimensions	mm	155x155	185x185	290x290	360x360
Degree of protection	IP	IP55			
Material	-	Galvanised steel, primed and painted			
Colour	-	RAL 7035			
Wall thickness	mm	1.2			
Assembly	-	4 M6 screws + watertight washer			
For grill	-	RF93	RF123	RF222	RF290

		INXCRF93	INXCRF123	INXCRF222	INXCRF290
Dimensions (HeightxWidth)	mm	217x190	246x220	350x325	418x395
Dimensions (Depth)	mm	95	100	118	170
Cut dimensions	mm	155x155	185x185	290x290	360x360
Ø Fixing holes	mm	Ø7			
Degree of protection	-	IP55			
Material	-	AISI 304L Stainless steel			
Finish	-	Scotch 320 satin finish			
Wall thickness	mm	1.2			
Assembly	-	4 M6 screws + watertight washer			
For grill	-	RF93	RF123	RF222	RF290

		INXCRF93-316	INXCRF123-316	INXCRF222-316	INXCRF290-316
Dimensions (HeightxWidth)	mm	217x190	246x220	350x325	418x395
Dimensions (Depth)	mm	95	100	118	170
Cut dimensions	mm	155x155	185x185	290x290	360x360
Ø Fixing holes	mm	Ø7			
Degree of protection	-	IP55			
Material	-	AISI 316L stainless steel			
Finish	-	Scotch 320 satin finish			
Wall thickness	mm	1.2			
Assembly	-	4 M6 screws + watertight washer			
For grill	-	RF93	RF123	RF222	RF290

IP 54 CE

Ventilation grills



Characteristics	Units	Reference 49330	Reference 49331	Reference 49332	Reference 49335	Reference 49336
Dimensions	mm	180x130	105x154	130x250	167x105	167x105
Position between screws	mm	165x115	90x139	115x235	152x90	152x90
Installation cut	mm	145x95	75x70	90x180	130x70	130x70
Degree of protection	-			IP30		

Polyurethane filter



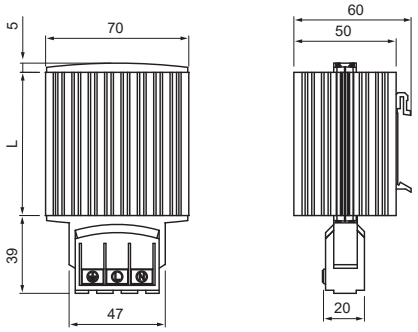
Characteristics	U	Reference F93	Reference F123	Reference F222	Reference F290
Grill dimensions	mm	116.5x116.5	148.5x148.5	255x255	324x324
Mesh dimensions	mm	85x85	115x115	215x215	285x285
Material	g/m³	150 nylon fibre			

Heating resistors without fan



Characteristics	Units	Reference RC15SV	Reference RC30SV	Reference RC60SV
Operating voltage	V	110-250 AC/DC		
Heating capacity	W	15	30	60
Inrush current max.	A	1.5	2.5	3.5
Dimensions (L=Length)	mm	70		
Weight	kg	0.25		
Heating element	-	PTC resistor. self regulating and temperature limiting		
Heater body	-	Extruded aluminium profile. anodised		
Connection casing	-	Plastic according to UL94 V0. black		
Electrical connection	-	3 pressure clamps for stranded wire 0.5-1.5mm² (with wire end ferrule) and rigid wire 0.5-2.5mm²		
Mounting	-	Clip for 35mm DIN rail		
Fitting position	-	Vertical airflow		
Operating/Storage temperature	°C	-45 to +70		
Degree of protection	-	IP20		
Protection class	-	Class I (Earthed)		
Certificates	-	CE		

Dimensions



IP 20 CE

Heating resistors without fan

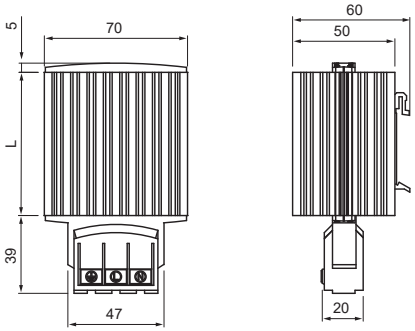






Characteristics	Units	Referencea **RC75SV**	Reference **RC100SV**	Reference **RC150SV**
Operating voltage	V	110-250 AC/DC	110-250 AC/DC	110-250 AC/DC
Heating capacity	W	75	100	150
Inrush current max.	A	4	4.5	9
Dimensions (L=Length)	mm	70	140	140
Weight	kg	0.25	0.4	0.4
Heating element	-	PTC resistor. self regulating and temperature limiting		
Heater body	-	Extruded aluminium profile. anodised		
Connection casing	-	Plastic according to UL94 V0. black		
Electrical connection	-	3 pressure clamps for stranded wire 0.5-1.5mm² (with wire end ferrule) and rigid wire 0.5-2.5mm²		
Mounting	-	Clip for 35mm DIN rail		
Fitting position	-	Vertical airflow		
Operating/Storage temperature	°C	-45 to +70		
Degree of protection	-	IP20		
Protection class	-	Class I (Earthed)		
Certificates	-	CE		

Dimensions



IP 20 CE

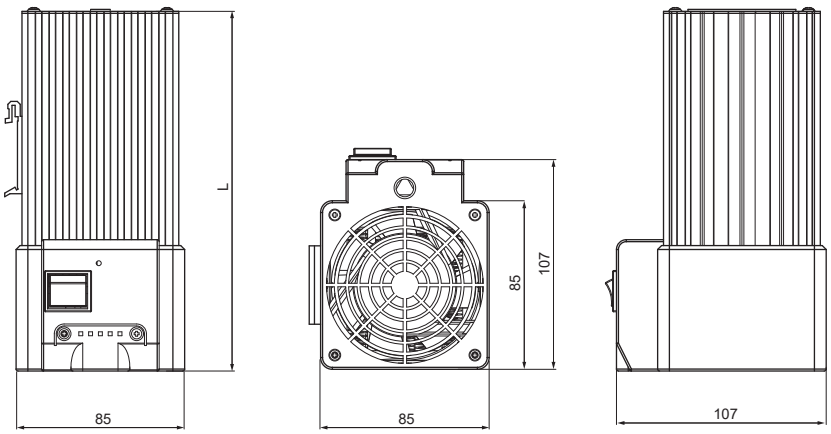
Heating resistors with fan





Characteristics	Units	Reference RC250CV	Reference RC500CV
Operating voltage	V	230 AC	
	Hz	50/60	
Heating capacity	W	250	500
Dimensions (L=Length)	mm	183	216
Weight	kg	1.1	1.4
Heating element	-	PTC resistor, self regulating and temperature limiting	
Temperature safety cut-out	-	Automatic reset to protect against overheating in case of fan failure	
Heater body	-	Extruded aluminium profile. anodised	
Connection casing	-	Plastic according to UL94 V0, black	
Surface temperature	°C	max. 75 °C (400 W)	
Axial fan airflow	m^3/h	45 (50 Hz) / 54 (60 Hz)	
Service life	h	50.000 h at 25 °C	
Electrical connection	-	Connection terminal	
Mounting	-	Clip for 35mm DIN rail	
Fitting position	-	Vertical airflow	
Operating/Storage temperature	°C	-45 to +70	
Degree of protection	-	IP20	
Protection class	-	Class I (Earthed)	
Certificates	-	CE	

Dimensions



IP 20 CE

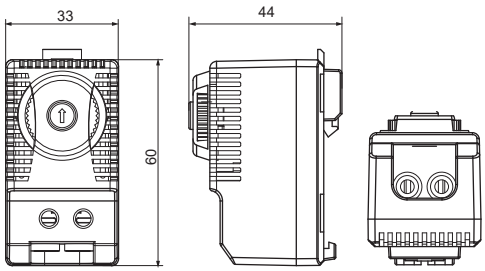
Thermostats



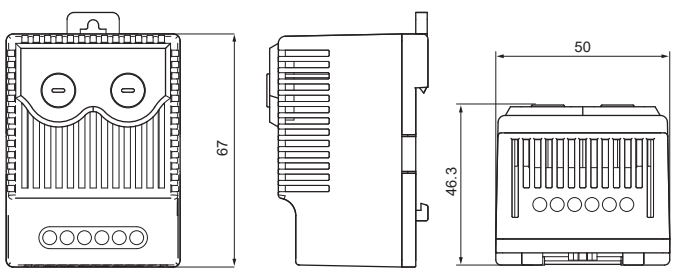


Characteristics	Units	Reference TS01	Reference TS02	Reference TD03
Contact	-	NC	NO	NC+NO
Max. Switching capacity	-	250 V AC 10 (2) A - 120 V AC 15 (2) A - 30 W DC (24-72 V)		
Dimensions (L=Length)	mm	60x33x44	60x33x44	67x50x46
Weight	g	40	40	90
Setting range	°C	0-60		
Switch temperature difference	-	7K (± 4K tolerance)		
Sensor element	-	Thermostatic bimetal		
Contact type	-	Snap-action contact		
Contact resistance	mΩ	< 10		
Service life	Cycles	> 100.000		
Electrical connection	-	2-pole terminal		4-pole terminal
Connection casing	-	Plastic according to UL94 V0. light grey		
Mounting	-	Clip for 35mm DIN rail		
Operating/Storage temperature	°C	-20 to +80		
Degree of protection	-	IP20		
Certificates	-	CE		

Dimensions TS01 - TS02



Dimensions TD03



THERMAL MANAGEMENT

Regulation

IP 20 CE

Hygrostat



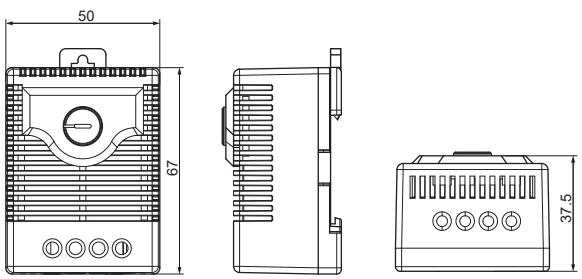
Characteristics	Units	Reference HG02
Relative humidity range	%	35-95
Switching error	% RH	4 (±3 tolerance)
Allow wind speed	m/s	15
Contact type	-	Change-over contact
Contact resistance	mΩ	< 10
Service life	Cycles	> 50.000
Min. Switching capacity	V	20 AC/DC 100 mA
Max. Switching capacity	V	250 AC 5 (1) A
	W	20 DC
Electrical connection	-	3-pole terminal
Mounting	-	Clip for 35mm DIN rail
Connection casing	-	Plastic according to UL94 V-0. light grey
Dimensions	mm	67x50x37.5
Weight	g	60
Fitting position	-	Variable
Operating/Storage temperature	ºC	0 to 60 / -20 to 80
Degree of protection	-	IP20
Certificates	-	CE

Hygrotherm

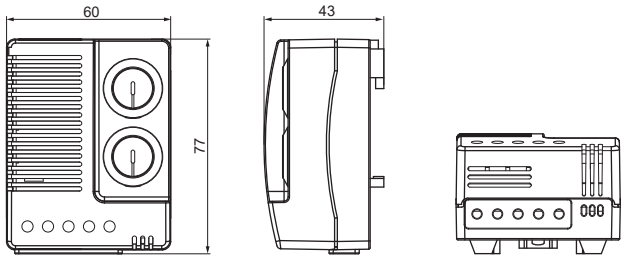


Characteristics	Units	Reference HT250
Setting range humidity	% RH	50-90
Setting range temperature	ºC	0 to +60
Operating voltage	V	230 AC 50/60 Hz
Switch difference (temperature)	-	2K (±1K tolerance) at 25 ºC (50 %)
Switch difference (humidity)	% RH	4% RH (±1% tolerance) at 25 ºC (50 %)
Reaction time (humidity)	seg.	Approx. 5 sec.
Contact type	-	Change-over contact (relay)
Contact resistance	mΩ	< 10
Service life	Cycles	NC: 50.000 / NO: 100.000
Max. Switching capacity (relay output)	V	NC: 240 AC 6 (1) A NO: 240 AC 8 (1.6) A
Optical indicator	-	LED
Electrical connection	-	5-pole terminal
Connection casing	-	Plastic according to UL94 V0. light grey
Dimensions (HeightxWidthxDepth)	mm	77x60x43
Weight	g	200
Fitting position	-	Vertical
Operating/Storage temperature	ºC	0 to +60 / -20 to +80
Degree of protection	-	IP20
Certificates	-	CE

Dimensions HG02



Dimensions HT250

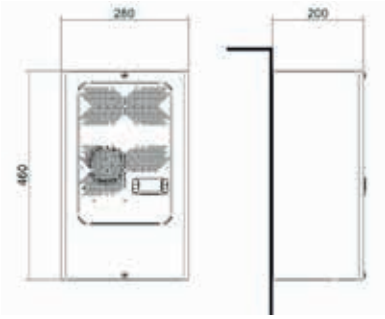


Surface and semi-recessed air conditioners

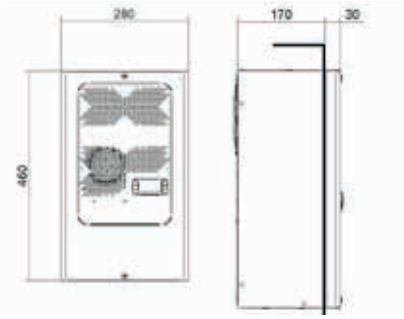


Dimensions

SURFACE

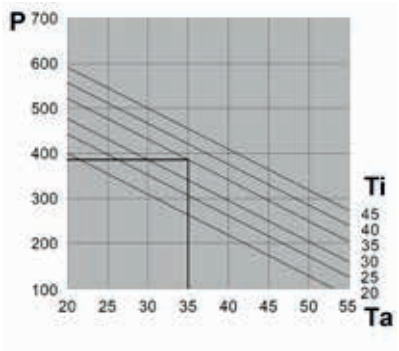


SEMI-RECESSED



Characteristics	Units		Reference AS380/230	Reference ASE380/230
			SURFACE	SEMI-RECESSED
Voltage	-	V /Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	380	
	A35/A50		240	
Power draw	A35/A35	W	240	
	A35/A50		277	
Max. Current	-	A	1.5	
Inrush current	-	A	8.6	
T fuse	-	A	4	
Air fan capacity	Cabinet	m³/h	165	
	External			
Connection type	-	-	4-pin plug	
Noise level	-	dB	60	
Weight	-	kg	17	
Dimensions (HeightxWidthxDepth)	External	mm	460x280x200	460x280x30
	Inner		-	460x280x170
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-		Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20/ +45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Graphs



* 50 °C at 60 Hz.

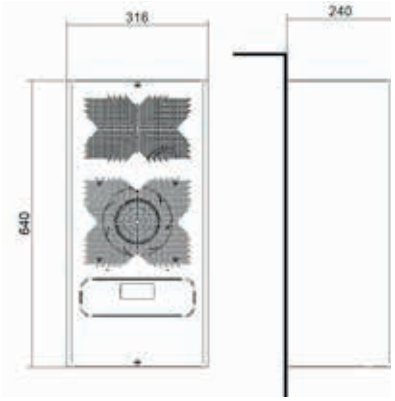
The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Surface and semi-recessed air conditioners

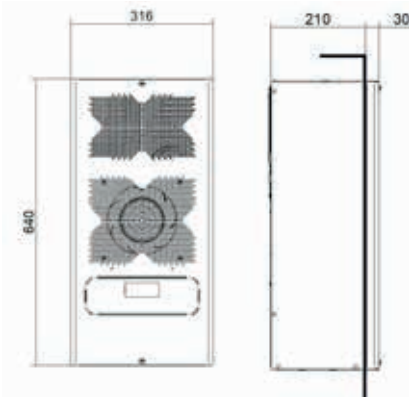


Dimensions

SURFACE

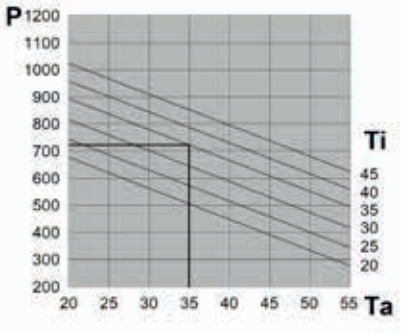


SEMI-RECESSED



Characteristics	Units		Reference AS720/230	Reference ASE720/230
			SURFACE	SEMI-RECESSED
Voltage	-	V / Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	720	
	A35/A50		555	
Power draw	A35/A35	W	380	
	A35/A50		450	
Max. Current	-	A	2.3	
Inrush current	-	A	10.9	
T fuse	-	A	6	
Air fan capacity	-	m³/h	305	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	24	
Dimensions (HeightxWidthxDepth)	External	mm	640x316x240	640x316x30
	Inner		-	640x316x210
Ambient temperature range	-	°C	+20 /+55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20 /+45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Graphs



* 50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

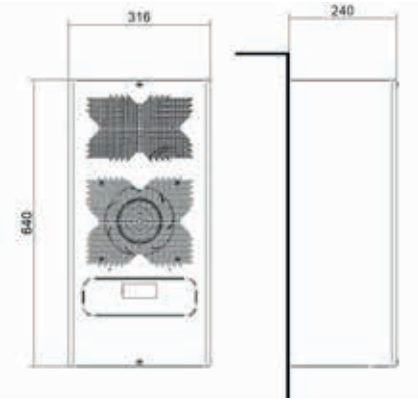
IP 55 CE

Surface and semi-recessed air conditioners

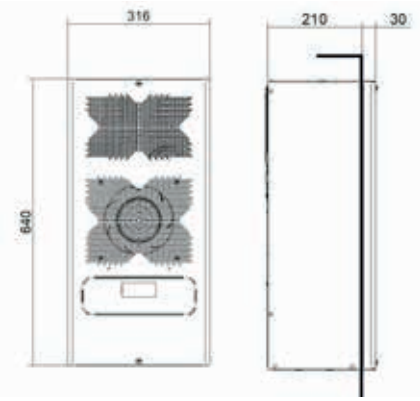


Dimensions

SURFACE



SEMI-RECESSED



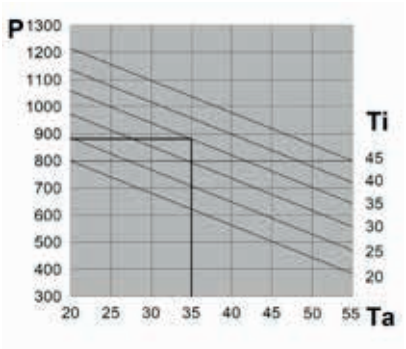
Characteristics	Units		Reference AS880/230	Reference ASE880/230
			SURFACE	SEMI-RECESSED
Voltage	-	V /Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	880	
	A35/A50		705	
Power draw	A35/A35	W	450	
	A35/A50		520	
Max. Current	-	A	2.4	
Inrush current	-	A	12.9	
T fuse	-	A	6	
Air fan capacity	-	m³/h	325	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	25	
Dimensions (HeightxWidthxDepth)	External	mm	640x316x240	640x316x30
	Inner		-	640x316x210
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20 /+45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Graphs

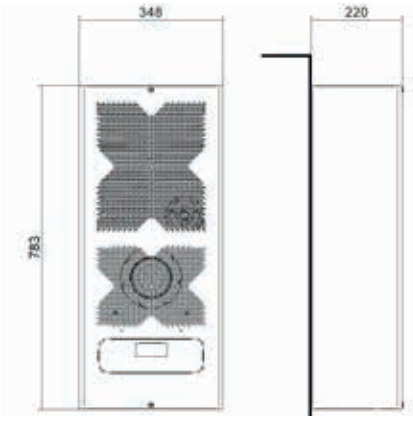


Surface and semi-recessed air conditioners

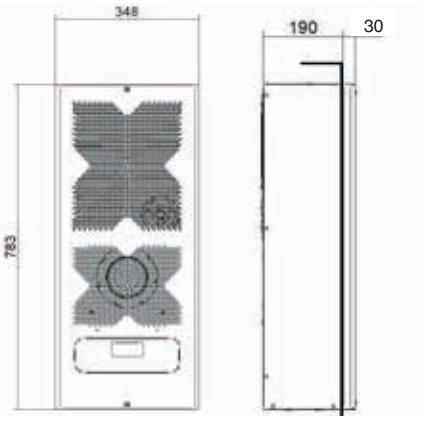


Dimensions

SURFACE



SEMI-RECESSED



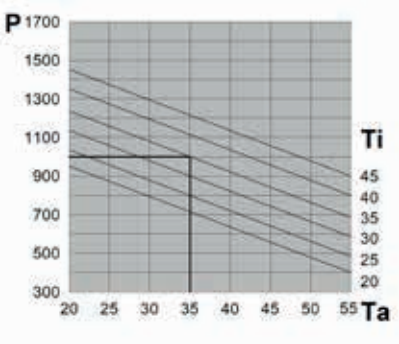
Characteristics	Units		Reference AS1000/230	Reference ASE1000/230
			SURFACE	SEMI-RECESSED
Voltage	-	V /Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	1000	
	A35/A50		760	
Power draw	A35/A35	W	500	
	A35/A50		600	
Max. Current	-	A	3	
Inrush current	-	A	13.1	
T fuse	-	A	6	
Air fan capacity	Cabinet	m³/h	540	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	28	
Dimensions (HeightxWidthxDepth)	External	mm	783x348x220	783x348x30
	Inner		-	783x348x190
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20 / +45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Graphs



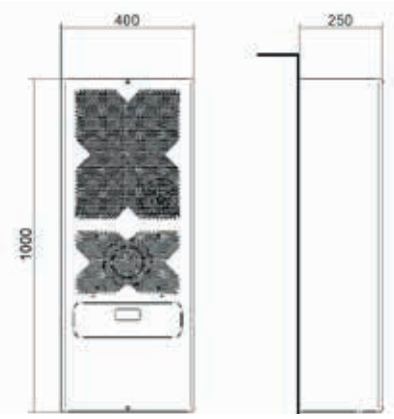
IP 55 CE

Surface and semi-recessed air conditioners

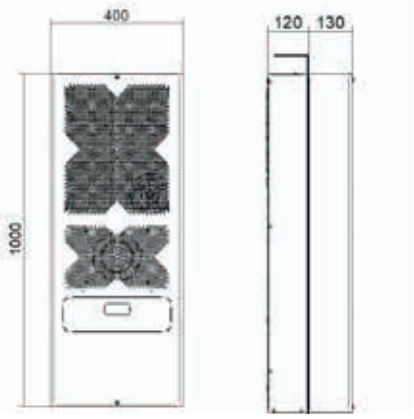


Dimensions

SURFACE



SEMI-RECESSED



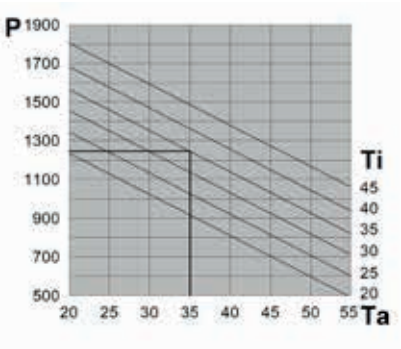
Characteristics	Units		Reference AS1250/230	Reference ASE1250/230
			SURFACE	SEMI-RECESSED
Voltage	-	V /Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	1250	
	A35/A50		930	
Power draw	A35/A35	W	590	
	A35/A50		680	
Max. Current	-	A	3.2	
Inrush current	-	A	17.1	
T fuse	-	A	6	
Air fan capacity	Cabinet	m³/h	540	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	39	
Dimensions (HeightxWidthxDepth)	External	mm	1000x400x250	1000x400x130
	Inner		-	1000x400x120
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20 / +45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Graphs



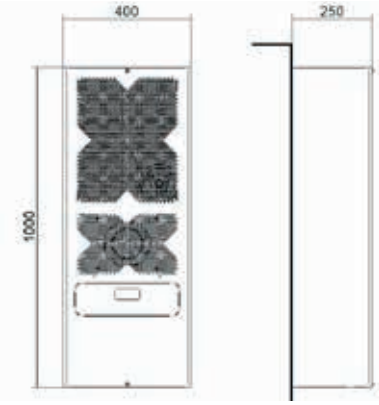
THERMAL MANAGEMENT

Surface and semi-recessed air conditioners

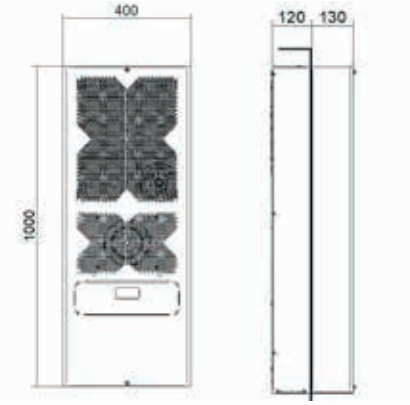


Dimensions

SURFACE



SEMI-RECESSED



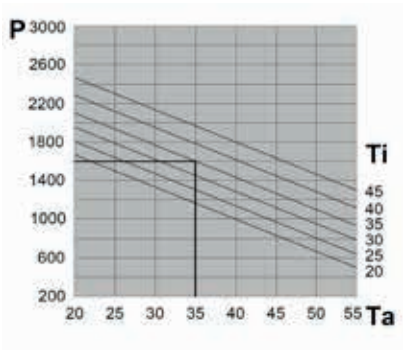
Characteristics	Units		Reference AS1600/230	Reference ASE1600/230
			SURFACE	SEMI-RECESSED
Voltage	-	V / Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	1600	
	A35/A50		1100	
Power draw	A35/A35	W	720	
	A35/A50		820	
Max. Current	-	A	3.8	
Inrush current	-	A	16.2	
T fuse	-	A	6	
Air fan capacity	Cabinet	m³/h	540	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	41	
Dimensions (HeightxWidthxDepth)	External	mm	1000x400x250	1000x400x130
	Inner		-	1000x400x120
Ambient temperature range	-	ºC	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	ºC	+20 / +45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Integrated anti-condensation evaporation system.

* 50 ºC at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Graphs



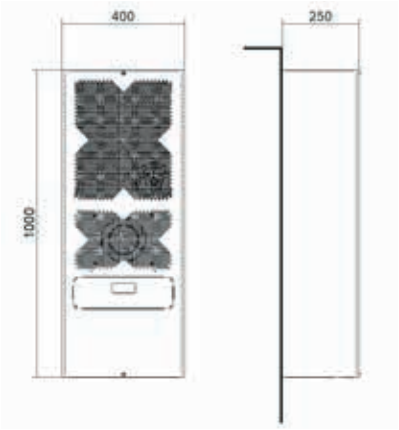
IP 55 CE

Surface and semi-recessed air conditioners

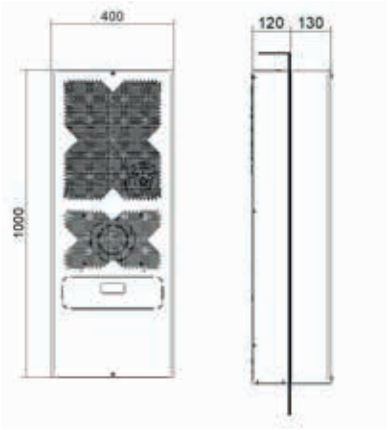


Dimensions

SURFACE



SEMI-RECESSED



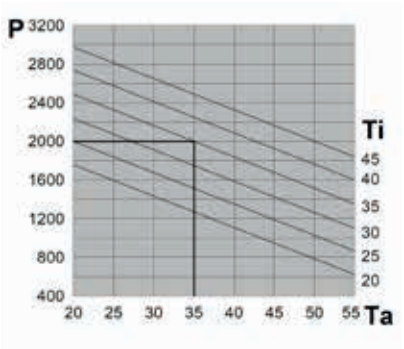
Characteristics	Units		Reference AS2000/230	Reference ASE2000/230
			SURFACE	SEMI-RECESSED
Voltage	-	V / Hz	230 - 50 / 60	
Cooling capacity	A35/A35	W	2000	
	A35/A50		1500	
Power draw	A35/A35	W	990	
	A35/A50		1130	
Max. Current	-	A	4.8	
Inrush current	-	A	21.8	
T fuse	-	A	10	
Air fan capacity	Cabinet	m³/h	885	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight	-	kg	42	
Dimensions (HeightxWidthxDepth)	External	mm	1000x400x250	1000x400x130
	Inner		-	1000x400x120
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Internal temperature range	-	°C	+20 / +45	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Integrated anti-condensation evaporation system.

*50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231-232.

Graphs

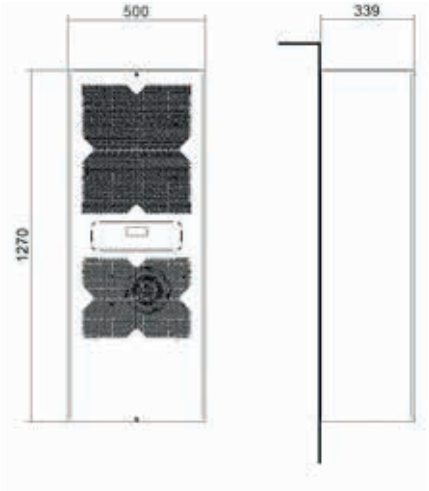


Surface air conditioners



Dimensions

SURFACE



Characteristics	Units		Reference AS3000/400
			SURFACE
Voltage	-	V / Hz	400 / 3 / 50 - 460 / 3 / 65
Cooling capacity	A35/A35	W	3000
	A35/A50		2210
Power draw	A35/A35	W	1140
	A35/A50		1380
Max. Current	-	A	2.4
Inrush current	-	A	20
T fuse	-	A	6
Air fan capacity	Cabinet	m³/h	1500
Connection type	-	-	4-pin plug
Noise level	-	dB	70
Weight (without packaging)	-	kg	85
Dimensions (HeightxWidthxDepth)	External	mm	1270x500x339
	Inner		-
Ambient temperature range	-	°C	+20 / +55*
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C
Internal temperature range	-	°C	+20 / +45
Operating cycle	-	%	100
Degree of protection	Cabinet side		IP55
Colour	-	RAL	7035

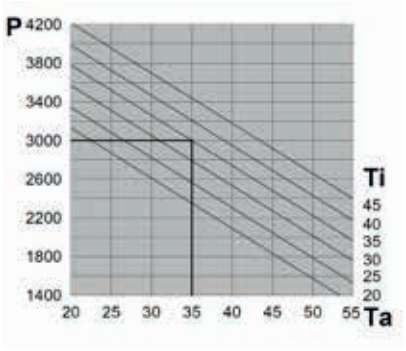
Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

Required accessory: ASE3040 flush-mounted housing.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231.

Graphs



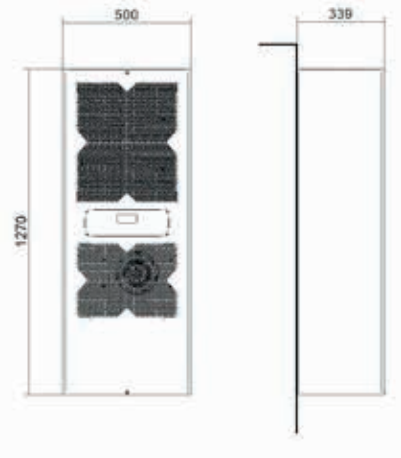
IP 55 CE

Surface air conditioners



Dimensions

SURFACE



Characteristics	Units		Reference AS3850/400
			SURFACE
Voltage	-	V / Hz	400 / 3 / 50 - 460 / 3 / 65
Cooling capacity	A35/A35	W	3850
	A35/A50		2650
Power draw	A35/A35	W	1580
	A35/A50		1920
Max. Current	-	A	3.1
Inrush current	-	A	16
T fuse	-	A	6
Air fan capacity	Cabinet	m³/h	1500
Connection type	-	-	4-pin plug
Noise level	-	dB	70
Weight (without packaging)	-	kg	89
Dimensions (HeightxWidthxDepth)	External	mm	1270x500x339
	Inner		-
Ambient temperature range	-	°C	+20 / +55*
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C
Internal temperature range	-	°C	+20 / +45
Operating cycle	-	%	100
Degree of protection	Cabinet side		IP55
Colour	-	RAL	7035

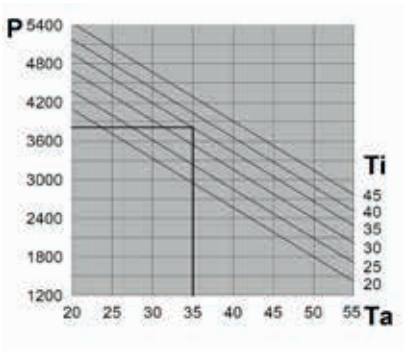
Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

Required accessory: ASE3040 flush-mounted housing.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231.

Graphs

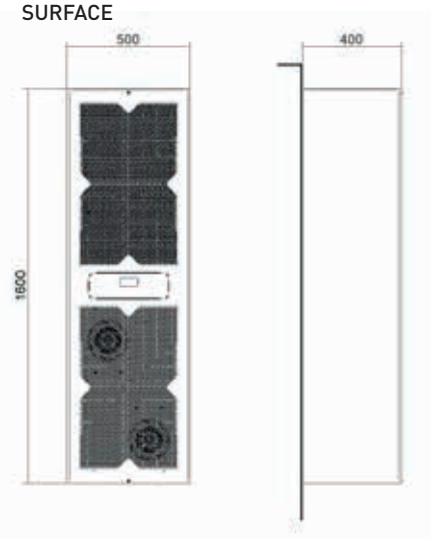


Surface air conditioners



Dimensions

SURFACE



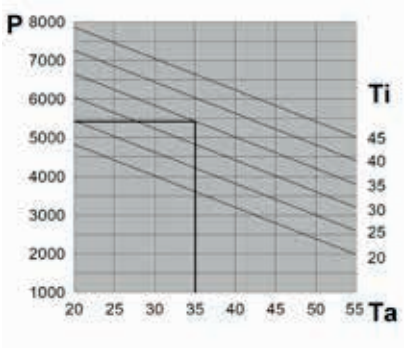
Characteristics	Units		Reference AS5400/400
			SURFACE
Voltage	-	V /Hz	400 / 3 / 50 - 460 / 3 / 65
Cooling capacity	A35/A35	W	5400
	A35/A50		4200
Power draw	A35/A35	W	1950
	A35/A50		2470
Max. Current	-	A	3.7
Start-up current	-	A	32
T fuse	-	A	8
Air fan capacity	Cabinet	m³/h	1500
Connection type	-	-	4-pin plug
Noise level	-	dB	72
Weight	-	kg	104
Dimensions (HeightxWidthxDepth)	-	mm	1600x500x400
Ambient temperature range	-	°C	+20 / +55*
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C
Internal temperature range	-	°C	+20 / +45
Operating cycle	-	%	100
Degree of protection	Cabinet side		IP55
Colour	-	RAL	7035

Integrated anti-condensation evaporation system.

* 50 °C at 60 Hz.

The conditioner is supplied without a filter. To fit a filter, order the support and filter reference on page 231.

Graphs

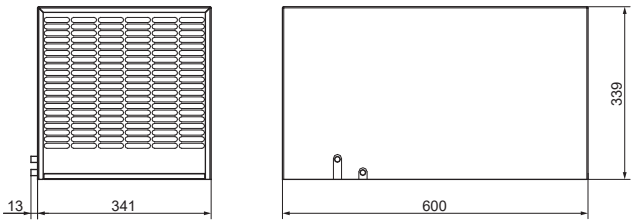


IP 34 IP 55 CE

Ceiling air conditioners



Dimensions

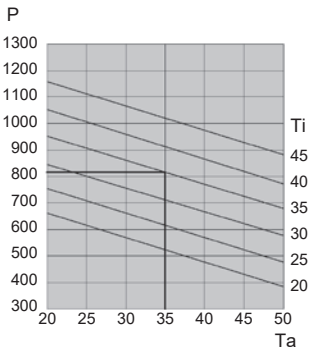


Characteristics	Units		Reference AT820/230
Voltage	-	V	230
		Hz	50 / 60
Cooling capacity	A35/A35	W	820
	A35/A50		680
Power draw	A35/A35	W	510
Max. Current	-	A	2.9
Start-up current	-	A	12
T fuse	-	A	6
Air fan capacity	Cabinet	m^3/h	570
	External		860
Connection type	-	-	4-pin plug
Noise level	-	dB	62
Weight (without packaging)	-	kg	23
Dimensions (HeightxWidthxDepth)	-	mm	339x341x600
Ambient temperature range	-	°C	+20 / +55*
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C
Coolant	R134a	g	310
Operating cycle	-	%	100
Degree of protection	Cabinet side		IP54
	Ambient side		IP34
Colour	-	RAL	7035

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

* 50 °C at 60 Hz.

Graphs

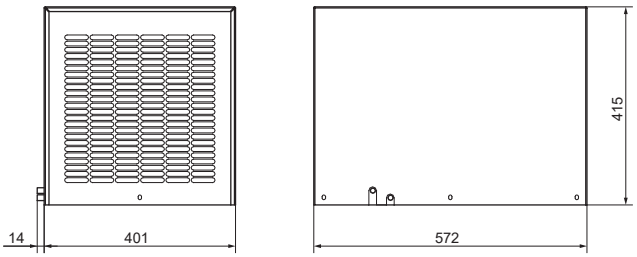


P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]

Ceiling air conditioners



Dimensions

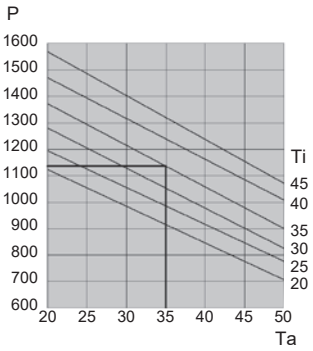


Characteristics	Units		Reference AT1150/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	A35/A35	W	1150	
	A35/A50		900	
Power draw	A35/A35	W	550	
Max. Current	-	A	3.2	
Start-up current	-	A	11	
T fuse	-	A	6	
Air fan capacity	Cabinet	m^3/h	570	
	External		1010	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight (without packaging)	-	kg	40	
Dimensions (HeightxWidthxDepth)	-	mm	415x401x572	
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Coolant	R134a	g	630	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
	Ambient side		IP34	
Colour	-	RAL	7035	

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

* 50 °C at 60 Hz.

Graphs



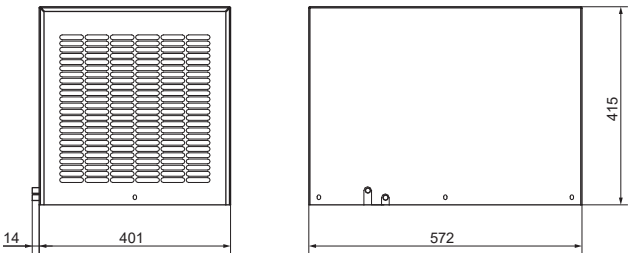
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]

IP 34 IP 55 CE

Ceiling air conditioners



Dimensions

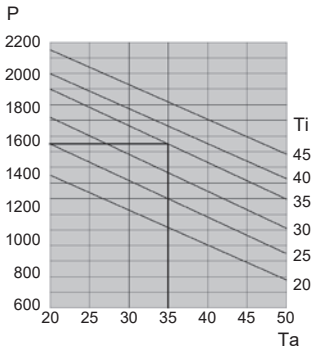


Characteristics	Units		Reference AT1550/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	A35/A35	W	1550	
	A35/A50		1200	
Power draw	A35/A35	W	810	
Max. Current	-	A	4.5	
Start-up current	-	A	18	
T fuse	-	A	8	
Air fan capacity	Cabinet	m^3/h	860	
	External		1820	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight (without packaging)	-	kg	44	
Dimensions (HeightxWidthxDepth)	-	mm	415x401x572	
Ambient temperature range	-	ºC	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Coolant	R134a	g	540	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
	Ambient side		IP34	
Colour	-	RAL	7035	

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

* 50 ºC at 60 Hz.

Graphs



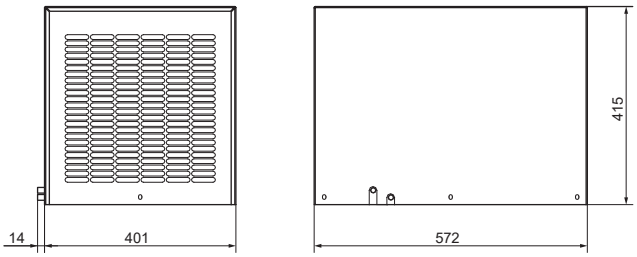
P: Cooling capacity [W]
Ti: Internal cabinet temperature [ºC]
Ta: Ambient temperature [ºC]

THERMAL MANAGEMENT

Ceiling air conditioners



Dimensions

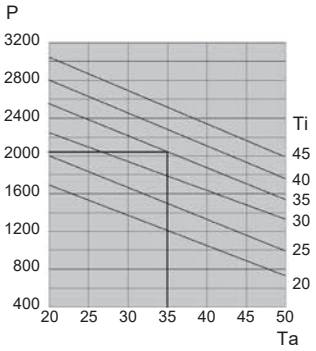


Characteristics	Units		Reference AT2050/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	A35/A35	W	2050	
	A35/A50		1560	
Power draw	A35/A35	W	1190	
Max. Current	-	A	6	
Start-up current	-	A	24	
T fuse	-	A	10	
Air fan capacity	Cabinet	m³/h	1050	
	External		1820	
Connection type	-	-	4-pin plug	
Noise level	-	dB	65	
Weight (without packaging)	-	kg	50	
Dimensions (HeightxWidthxDepth)	-	mm	415x401x572	
Ambient temperature range	-	°C	+20 / +55*	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Coolant	R134a	g	550	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
	Ambient side		IP34	
Colour	-	RAL	7035	

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

* 50 °C at 60 Hz.

Graphs



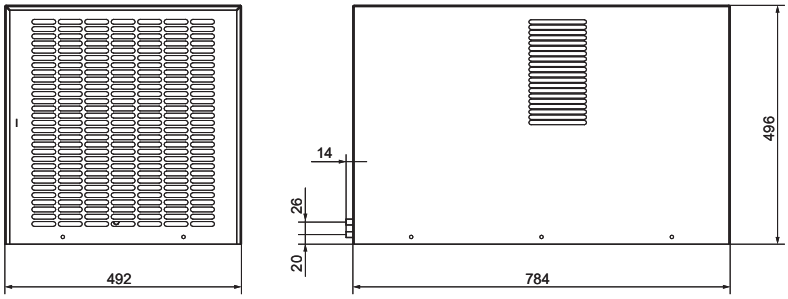
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]

IP 34 IP 55 CE

Ceiling air conditioners



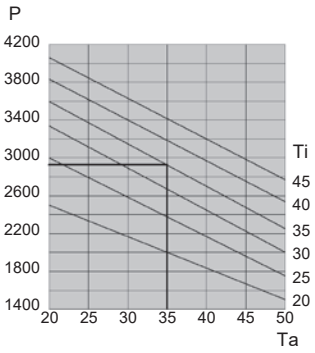
Dimensions



Characteristics	Units		Reference AT2900/400	
Voltage	-	V	400	
		Hz	50	60
Cooling capacity	A35/A35	W	2900	
	A35/A50		2250	
Power draw	A35/A35	W	1210	
Max. Current	-	A	2.5	
Start-up current	-	A	15.7	
T fuse	-	A	6	
Air fan capacity	Cabinet	m³/h	860	
	External		3410	
Connection type	-	-	4-pin plug	
Noise level	-	dB	75	
Weight (without packaging)	-	kg	83	
Dimensions (HeightxWidthxDepth)	-	mm	496x492x784	
Ambient temperature range	-	°C	+20 / +50	
Temperature regulation	-	-	Electronic thermostat, factory set to 35 °C	
Coolant	R134a	g	1200	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
	Ambient side		IP34	
Colour	-	RAL	7035	

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

Graphs

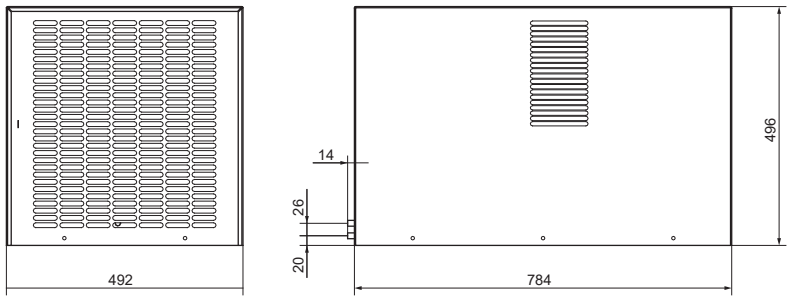


P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]

Ceiling air conditioners



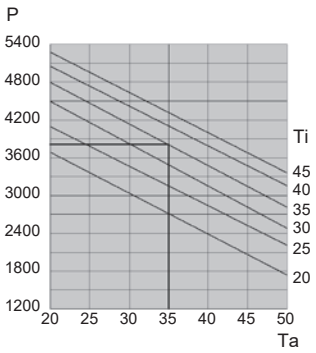
Dimensions



Characteristics	Units		Reference AT3850/400	
Voltage	-	V	400	
		Hz	50	60
Cooling capacity	A35/A35	W	3850	
	A35/A50		2870	
Power draw	A35/A35	W	1630	
Max. Current	-	A	3.4	
Start-up current	-	A	17	
T fuse	-	A	6	
Air fan capacity	Cabinet	m³/h	1450	
	External		3410	
Connection type	-	-	4-pin plug	
Noise level	-	dB	75	
Weight (without packaging)	-	kg	86	
Dimensions (HeightxWidthxDepth)	-	mm	496x492x784	
Ambient temperature range	-	°C	+20 / +50	
Temperature regulation	-	-	Electronic thermostat. factory set to 35 °C	
Coolant	R134a	g	2000	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
	Ambient side		IP34	
Colour	-	RAL	7035	

Conditioners are equipped with dual condensate outlets in the electrical cabinet. The service outlet allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet.

Graphs



P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]

IP 34 IP 55 CE

Support + filters for surface conditioners

Characteristics	Units	Reference SFP38	Reference SFP7288	Reference SFP100	Reference SFP125160200	Reference SFP300385	Reference SFP540
Description	-	Support + polyurethane foam filter					
Thickness	mm	6					
For conditioner	-	AS380/230	AS720/230 AS880/230	AS1000/230	AS1250/230 AS1600/230 AS2000/230	AS3000/400 AS3850/400	AS5400/400

For use in highly polluted environments. It is placed on the back of the air conditioner's suction grille.

Filters for surface conditioners

Characteristics	Units	Reference FP38	Reference FP7288	Reference FP100	Reference FP125160200	Reference FP300385	Reference FP540
Description	-	Polyurethane foam filter					
Thickness	mm	6					
For conditioner	-	AS380/230	AS720/230 AS880/230	AS1000/230	AS1250/230 AS1600/230 AS2000/230	AS3000/400 AS3850/400	AS5400/400

For use in highly polluted environments. It is placed on the back of the air conditioner's suction grille.

Filters for ceiling conditioners

Characteristics	Units	Reference FPT82	Reference FPT115	Reference FPT290
Description	-	Polyurethane foam filter		
Thickness	mm	6		
For conditioner	-	AT820	AT1150 AT1550 AT2050	AT2900 AT3850

For use in highly polluted environments. It is placed on the back of the air conditioner's suction grille.



Support + polyurethane foam filter



Polyurethane foam filter

Support + filters for semi-recessed conditioners

Characteristics	Units	Reference SFP38	Reference SFP7288	Reference SFP100	Reference SFP125160200
Description	-	Support + polyurethane foam filter			
Thickness	mm	6			
For conditioner	-	ASE380/230	ASE720/230 ASE880/230	ASE1000/230	ASE1250/230 ASE1600/230 ASE2000/230

For use in highly polluted environments. It is placed on the back of the air conditioner's suction grille.

Filters for semi-recessed conditioners

Characteristics	Units	Reference FP38	Reference FP7288	Reference FP100	Reference FP125160200
Description	-	Polyurethane foam filter			
Thickness	mm	6			
For conditioner	-	ASE380/230	ASE720/230 ASE880/230	ASE1000/230	ASE1250/230 ASE1600/230 ASE2000/230

For use in highly polluted environments. It is placed on the back of the air conditioner's suction grille.

Recessed housing



Reference	Description
ASE3040	Recessed housing for 3000W and 3850W power conditioners (170mm recessed)

For 3000W and 3850W air conditioners it is necessary to order the surface mounted air conditioners AS3000/400 and AS3850/400 plus the recessed housing reference ASE3040.



Support + polyurethane foam filter



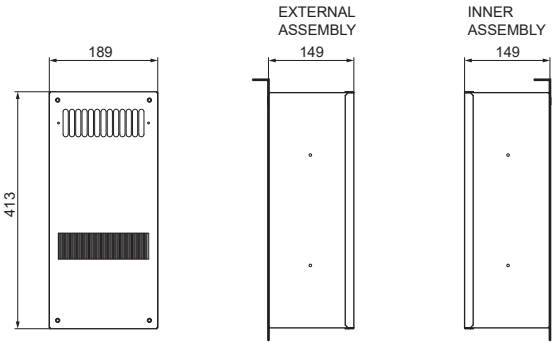
Polyurethane foam filter

IP 34 IP 55 CE

Air-air heat exchanger



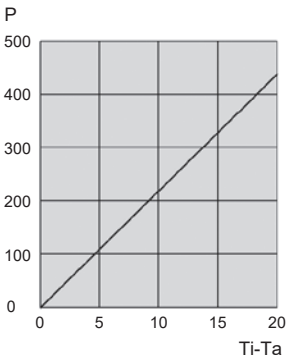
Dimensions



Characteristics	Units		Reference IR22/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	-	W/K	22	
Power draw	-	W	72	
Max. Current	-	A	0.5	
T fuse	-	A	1	
Air fan capacity	Cabinet	m³/h	280	
	External		280	
Connection type	-	m	Cable L=3	
Noise level	-	dB	59	
Weight (without packaging)	-	kg	7	
Dimensions (HeightxWidthxDepth)	-	mm	413x189x149	
Ambient temperature range	-	°C	-5 / +55	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
Colour	-	RAL	7035	

All heat exchangers can be installed both inside and outside the cabinet.

Graphs

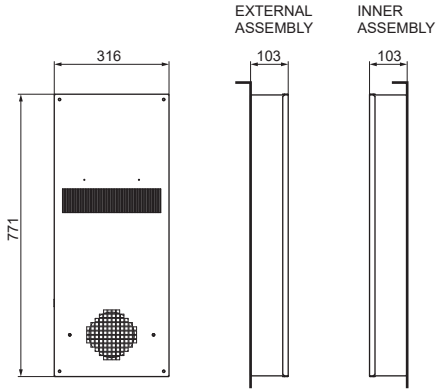


P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]
Temperature differential ΔT = Ti-Ta [K]

Air-air heat exchanger



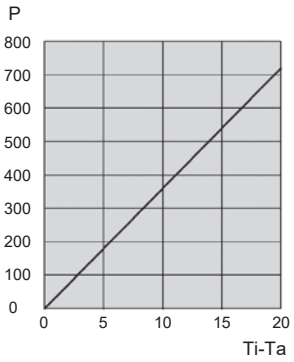
Dimensions



Characteristics	Units		Reference IR36/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	-	W/K	36	
Power draw	-	W	160	
Max. Current	-	A	0.64	
T fuse	-	A	1	
Air fan capacity	Cabinet	m^3/h	570	
	External		570	
Connection type	-	m	Cable L=3	
Noise level	-	dB	67	
Weight (without packaging)	-	kg	10	
Dimensions (HeightxWidthxDepth)	-	mm	771x316x103	
Ambient temperature range	-	°C	-5 / +55	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
Colour	-	RAL	7035	

All heat exchangers can be installed both inside and outside the cabinet.

Graphs



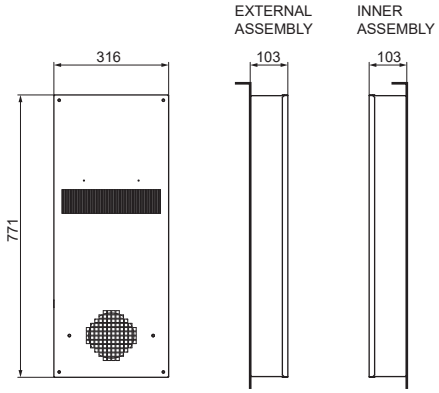
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]
Temperature differential ΔT = Ti-Ta [K]

IP 34 IP 55 CE

Air-air heat exchanger



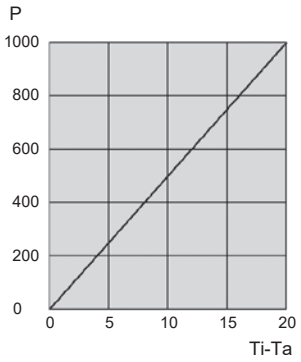
Dimensions



Characteristics	Units		Reference IR50/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	-	W/K	50	
Power draw	-	W	160	
Max. Current	-	A	0.64	
T fuse	-	A	1	
Air fan capacity	Cabinet	m³/h	600	
	External		600	
Connection type	-	m	Cable L=3	
Noise level	-	dB	67	
Weight (without packaging)	-	kg	10	
Dimensions (HeightxWidthxDepth)	-	mm	771x316x103	
Ambient temperature range	-	°C	-5 / +55	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
Colour	-	RAL	7035	

All heat exchangers can be installed both inside and outside the cabinet.

Graphs

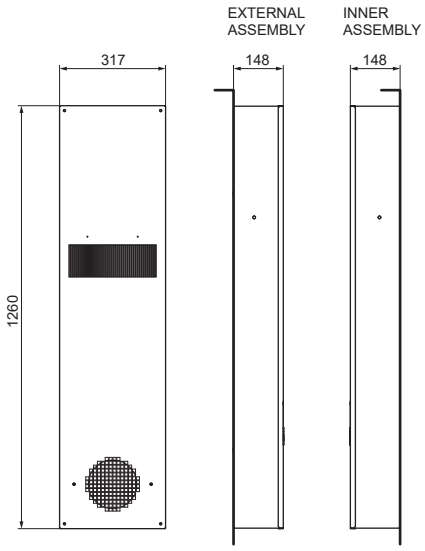


P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]
Temperature differential ΔT = Ti-Ta [K]

Air-air heat exchanger



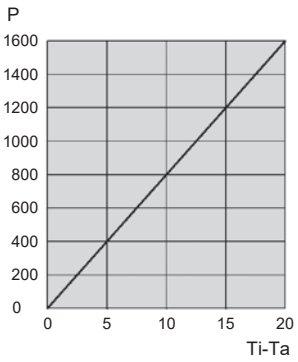
Dimensions



Characteristics	Units		Reference IR80/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	-	W/K	80	
Power draw	-	W	240	
Max. Current	-	A	1.06	
T fuse	-	A	2	
Air fan capacity	Cabinet	m^3/h	1050	
	External		1050	
Connection type	-	m	Cable L=3	
Noise level	-	dB	75	
Weight (without packaging)	-	kg	17	
Dimensions (HeightxWidthxDepth)	-	mm	1260x317x148	
Ambient temperature range	-	°C	-5 / +55	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP54	
Colour	-	RAL	7035	

All heat exchangers can be installed both inside and outside the cabinet.

Graphs



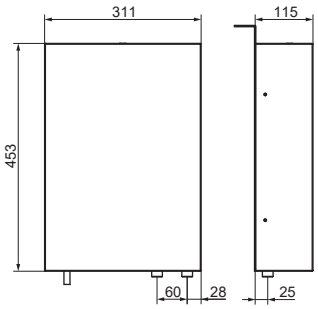
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Ta: Ambient temperature [°C]
Temperature differential ΔT = Ti-Ta [K]

IP 34 IP 55 CE

Air-water heat exchanger



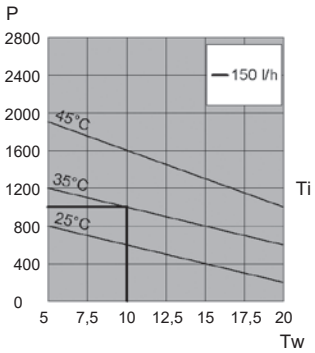
Dimensions



Characteristics	Units		Reference IGV1000/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	1000	
Power draw	W10/A35	W	29	
Max. Current	-	A	0.17	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m³/h	330	
Connection type	Electrical	m	Cable L=3	
	Water	-	3/8"G	
Noise level	-	dB	55	
Weight (without packaging)	-	kg	12	
Dimensions (HeightxWidthxDepth)	-	mm	453x311x115	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Graphs



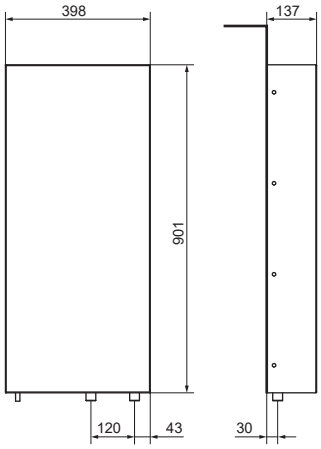
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

THERMAL MANAGEMENT

Air-water heat exchanger



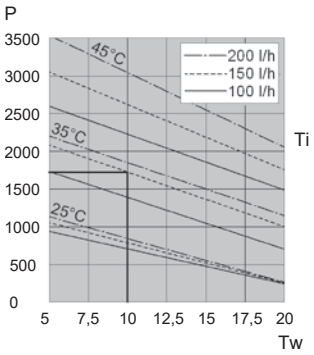
Dimensions



Characteristics	Units		Reference IGV1750/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	1750	
Power draw	W10/A35	W	75	
Max. Current	-	A	0.36	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m³/h	570	
Connection type	Electrical	m	Cable L=3	
	Water	-	1/2"G	
Noise level	-	dB	58	
Weight (without packaging)	-	kg	18	
Dimensions (HeightxWidthxDepth)	-	mm	901x398x137	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Graphs



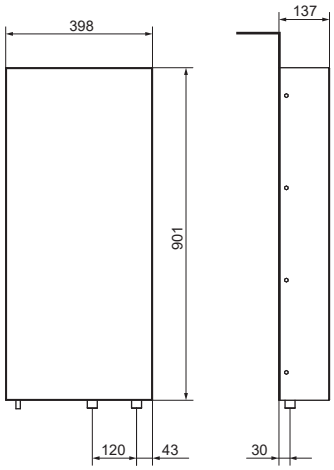
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

IP 34 IP 55 CE

Air-water heat exchanger

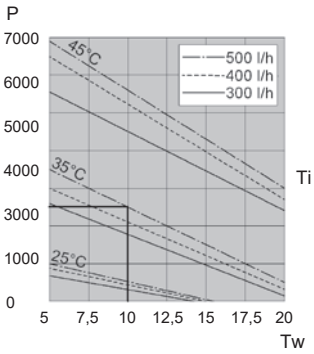


Dimensions



Characteristics	Units		Reference IGV2500/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	2500	
Power draw	W10/A35	W	80	
Max. Current	-	A	0.33	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m^3/h	860	
Connection type	Electrical	m	Cable L=3	
	Water	-	1/2"G	
Noise level	-	dB	58	
Weight (without packaging)	-	kg	19	
Dimensions (HeightxWidthxDepth)	-	mm	901x398x137	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Graphs



P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

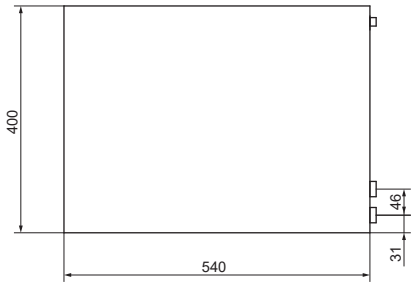
The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Ceiling air-water heat exchanger



Dimensions

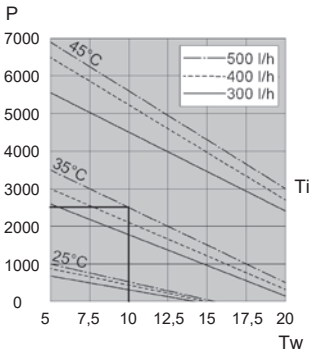




Characteristics	Units		Reference IGVT2500/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	2500	
Power draw	W10/A35	W	65	
Max. Current	-	A	0.3	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m³/h	750	
Connection type	Electrical	m	Cable L=3	
	Water	-	1/2"G	
Noise level	-	dB	58	
Weight (without packaging)	-	kg	19	
Dimensions (HeightxWidthxDepth)	-	mm	270x400x540	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Graphs



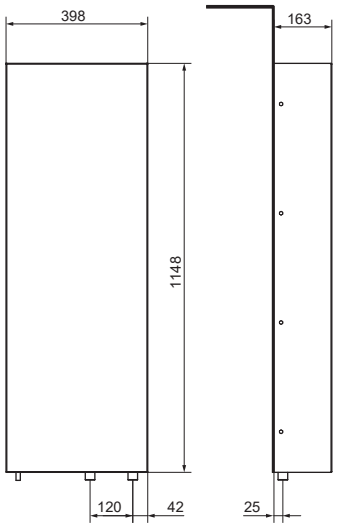
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

IP 55 CE

Air-water heat exchanger

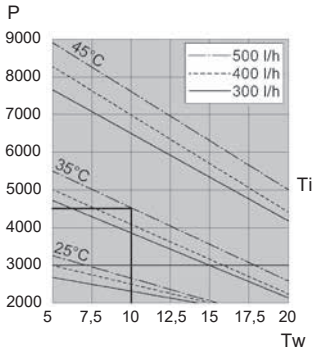


Dimensions



Characteristics	Units		Reference IGV4500/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	4500	
Power draw	W10/A35	W	160	
Max. Current	-	A	0.71	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m³/h	1450	
Connection type	Electrical	m	Cable L=3	
	Water	-	1/2"G	
Noise level	-	dB	69	
Weight (without packaging)	-	kg	30	
Dimensions (HeightxWidthxDepth)	-	mm	1148x398x163	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

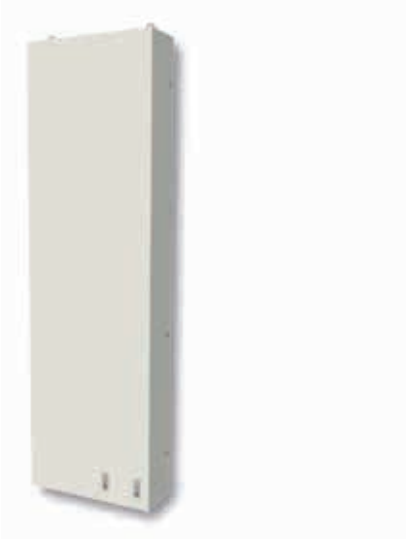
Graphs



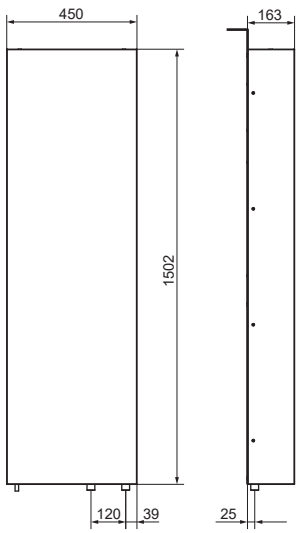
P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Air-water heat exchanger

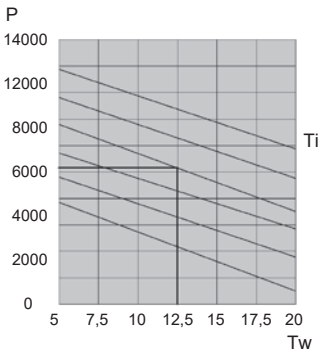


Dimensions



Characteristics	Units		Reference IGV6000/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	6000	
Power draw	W10/A35	W	160	
Max. Current	-	A	0.71	
T fuse	-	A	2	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m^3/h	1450	
Connection type	Electrical	m	Cable L=3	
	Water	-	1/2"G	
Noise level	-	dB	69	
Weight (without packaging)	-	kg	40	
Dimensions (HeightxWidthxDepth)	-	mm	1502x450x163	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

Graphs

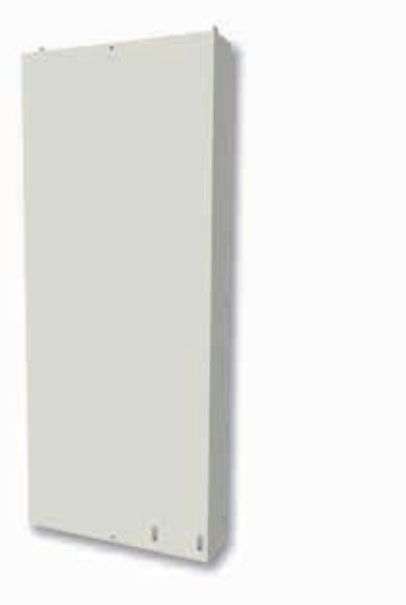


P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

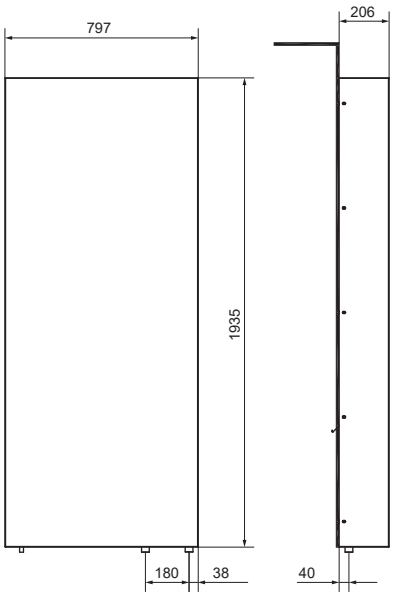
The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

IP 55 CE

Air-water heat exchanger



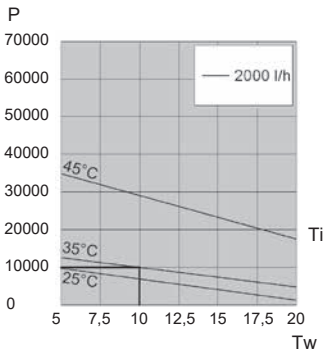
Dimensions



Characteristics	Units		Reference IGV10000/230	
Voltage	-	V	230	
		Hz	50	60
Cooling capacity	W10/A35	W	10000	
Power draw	W10/A35	W	420	
Max. Current	-	A	1.9	
T fuse	-	A	4	
Thermostat	-	-	Yes	
Solenoid valve	-	-	Yes	
Air fan capacity	-	m³/h	2900	
Connection type	Electrical	m	Cable L=3	
	Water	-	3/4"G	
Noise level	-	dB	70	
Weight (without packaging)	-	kg	90	
Dimensions (HeightxWidthxDepth)	-	mm	1935x797x206	
Ambient temperature range	-	°C	+1 / +70	
Internal temperature range	-	°C	+20 / +60	
Max. circuit pressure	-	bar	10	
Operating cycle	-	%	100	
Degree of protection	Cabinet side		IP55	
Colour	-	RAL	7035	

The special layout of these machines means they do not require regular/scheduled maintenance (replacement of filters or cleaning of the heat exchanger) to guarantee full operation.

Graphs



P: Cooling capacity [W]
Ti: Internal cabinet temperature [°C]
Tw: Water inlet temperature [°C]

THERMAL MANAGEMENT

INSTALLATION COMPONENTS





Installation components for metal cabinets and enclosures

Wide range of accessories to complete the installation of metal and polyester cabinets.

Distribution blocks, busbar supports and connectors, as well as plan holders or transport wheels.

Supports and levelling



Reference No.	Description	Max. load	Dim. (mm)		Pack
			HEIGHT	WIDTH	
48290	150 kg transport casters (2 casters with brake + 2 without brake)	150 kg	92	44	4-piece pack

CHARACTERISTICS: Maximum load 150 kg per caster. Height: Caster = 70 mm; Threaded bolt = M12x22.
SUPPLY: Pack of 4 wheels: 2 casters with brake + 2 casters without brake.
MATERIAL: Body: Polished aluminium alloy; Caster: Black polyamide; Threaded bolt: Yellow zinc chromate steel.



Reference No.	Description	Max. load	Dim. (mm)		Pack
			HEIGHT	WIDTH	
48300	Levelling feet	270 kg	51	50	4-piece pack

CHARACTERISTICS: Maximum load 270 kg per foot.
Height: Foot = 25 mm; Threaded bolt = 12x26 mm.
SUPPLY: Pack of 4 legs.
MATERIAL: Body in black ABS; Threaded bolt: Clear zinc chromate steel.



Reference No.	Description	Dim. (mm)	Pack
		HEIGHT	
48115	M12 Lifting eyebolts	55	2-piece pack

CHARACTERISTICS: Accessory for lifting cabinets. Pack supplied with all the screws required for installation.
SUPPLY: Pack of 2 pieces.
MATERIAL: Zinc-plated steel

Wall-mounting support



Ref. 48423



Ref. 48623



Ref. 48422

Reference No.	Description	Pack
48423	Zinc-plated steel wall-mounting support	4-piece pack
48623	316L stainless steel wall-mounting support	4-piece pack

MATERIAL: Zinc-plated steel or AISI 316L stainless steel.
CHARACTERISTICS: They are attached to the rear part of the cabinet vertically or horizontally. Vertical mounting is not compatible with models GN302015-GN302020-GN403020-GN503020-GN503025.
11-mm wall separation.
Maximum horizontal or vertical load: 490 kg.
SUPPLY: Pack of 4 supports + screws.
FOR THE FOLLOWING CABINETS: GN - INX.

Reference No.	Description	Pack
EXTERNAL FIXING		
48422	Inner hook fitting (4-piece pack)	4-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Inner fixing support for screwing in the hangers from the outside of the cabinet.
SUPPLY: Pack of 4 pieces.
FOR THE FOLLOWING CABINETS: GN - INX.

INSTALLATION COMPONENTS

Metal cabinets and enclosures accessories

Post attachment



Reference No.	Description	Pack
48420/3040	Post attachment for cabinet width 300-400 mm	2-piece pack
48420/5060	Post attachment for cabinet width 500-600 mm	2-piece pack
48420/7080	Post attachment for cabinet width 700-800 mm	2-piece pack

MATERIAL: Galvanised steel primed and painted RAL 7035 Light Grey.
CHARACTERISTICS: It includes the guides, clamps and screws required for installation.
The support is suitable for circular columns with a diameter of 100 to 200 mm and for square columns with a side of 60 to 100 mm.
For cabinets from 300 mm to 800 mm wide.
Maximum load: 130 kg.
SUPPLY: Pack of 2 post attachment + screws.
FOR THE FOLLOWING CABINETS: GN-POL.

Lifting eyebolts



Reference No.	Description	Pack
48475	M12 Lifting eyebolts	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They are fitted at the top of the cabinet using M12 nuts.
They cannot be assembled if there is a canopy in place.
SUPPLY: Pack of 2 pieces.
FOR THE FOLLOWING CABINETS: GN - INX.

Document pocket



Ref. 49386



Ref. 49387

Reference No.	Description	For family	Dim.mm HEIGHTX WIDTHX DEPTH
49386	Metal document pocket 600	Argenta Plus	280x430x90
49387	Metal document pocket 800	Argenta Plus	280x630x90
49385	DIN A4 insulating plan holder	-	217x226x26

MATERIAL: RAL 7035 Light Grey rolled steel; except Ref. 49385, manufactured in polystyrene.
CHARACTERISTICS: Installation screws are included. Ref. 49385 can be fitted either by adhesive or screws (not included). Ref. 49387 only to install in single-door cabinets.

Insulation joints



Reference No.	Description
48478	Corner finishing joint in bright grey (6 m)

MATERIAL: Plasticised PVC.
CHARACTERISTICS: Temperature range: -40 °C / +90 °C. For joining the rear panels, only horizontally.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Brushes fo cable entry



Reference No.	Description
48481	Brush (2 m)

MATERIAL: Thermoplastic rubber enclosure; Polyamide 6 fibres.
CHARACTERISTICS: Brushes placed in the cable entries.
Enclosure length 2 m, fibre height 35 mm.
FOR THE FOLLOWING CABINETS: FSC - ENL - BIG.

Module lids



Reference No.	Description	Pack
22590	Module lid RAL 7035 Light Grey (6 modules)	50-piece box
22600	Module lid RAL 9003 Signal White (6 modules)	50-piece box
48019	Module lid RAL 7035 Light Grey (1 m)	-
48021	Module lid RAL 9003 Signal White (1 m)	-

CHARACTERISTICS: Ref. 48019 and 48021 recommended for metal modular lids.
MATERIAL: 6-module lid in PS; 1-metre lid in PVC.

Trunking support



Reference No.	Description	For family	Pack
49368	Horizontal trunking support	Argenta Plus Atlantic	2-piece pack

CHARACTERISTICS: Supports for fixing cable-distribution trunking horizontally.
Two horizontal trunking fixing positions for separation between 150 or 200 mm DIN rails.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 2 supports + screws.
MATERIAL: ABS RAL 7035 Light Grey.

Electric shock risk label



Reference No.	Description	Dim. (mm)		Pack
49390	Adhesive electric shock risk label	105	105	25-piece bag

Paints



Reference No.	Description
48292	RAL 7035 Light Grey embossed paint
48294	RAL 7016 Anthracite Grey embossed paint
48343	9003 Signal White embossed paint
48307	Antioxidant primer RAL

SUPPLY: 400 ml tin.

INSTALLATION COMPONENTS

Metal cabinets and enclosures accessories

Distribution blocks



Ref.	Nominal rating	Poles	Terminals for busbar		Dimensions	Drill holes between centres	Ui	Ipk KÂ
	A		INPUT	OUTPUT	H X W X D	mm	V	
48720	100	2	1xØ9	5xØ5.3 1xØ7.5	50x50x94	75	500V AC	20
48721	125	2	1xØ9	11xØ5.3 3xØ7.5	50x50x166	150	500V AC	20
48722	125	4	1xØ9	7xØ5.3 3xØ7.5	50x90x147	130	500V AC	20
48723	125	4	1xØ9	11xØ5.3 3xØ7.5	50x90x182	165	500V AC	20
48724	125	4	1xØ9	5xØ5.3 1xØ7.5	50x90x109	90	500V AC	20
48725	160	4	1xØ11.5	8xØ7 3xØ8.5	70x90x170	150	600V AC	22
48726	100	4	2xØ8.5	4xØ4.5 5xØ5.5	50x90x101	80	500V AC/DC	20
48727	100	4	1xØ8.5	3xØ4.5 3xØ5.5	50x90x65	45	500V AC/DC	20
48728	125	1	1xØ8.5 1xØ10	6xØ6.5	76x46x30	-	600V AC/DC	30
48729	160	1	1xØ8.5 1xØ12	6xØ6.5	76x46x30	-	600V AC/DC	30

CHARACTERISTICS: Maximum ambient temperature 40 °C.
Protection: Screen with transparent cover.
Self-extinguishing V0.
Assembly on DIN profile or screw plate.

Input and output table for distribution blocks

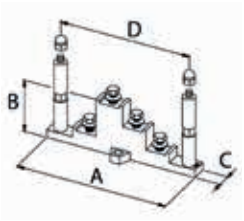
	Ø	Section without terminal*	Section with terminal
	mm	mm²	mm²
Input	8.5	10→25	10→25
Input	9	10→35	10→16
Input	11.5	10→50	10→50
Output	4.5	1.5→4	0.75→4
Output	5.3	2.5→6	1.5→6
Output	5.5	2.5→6	1.5→6
Output	7	2.5→16	1.5→16
Output	7.5	10→25	6→16
Output	8.5	10→25	10→25

* Rigid cable.

Busbar supports

Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48453	160 A-250 A busbar support profile	630/630	-40/+130





A=150 mm, B=54 mm, C=15 mm, D=130 mm

CHARACTERISTICS: For threaded busbars. It is assembled with M6 screws (included). It is necessary to order 2 units of each reference for busbar mounting. Includes spacers and plugs for mounting a protective screen (not included).

PA66 + GF25. Self-extinguishing UL 94 V0.

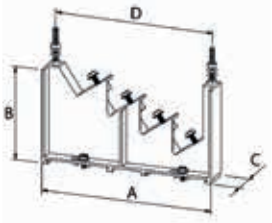
SUPPLY: Pack of 1 support + M6 screws.

Busbar section	Icc pk (kA)	11,9	13,6	24	30	48,3
	Icc rms (kA)	7	8	12	15	23
mm	In (A)	Maximum distance (mm) between busbar supports depending on Icc				
15x5	160	560	450	250	150	-
20x5	250	640	520	260	150	-

Icc pk = Peak value of short-circuit current expressed in kA.
Icc rms = Effective value of the short-circuit current, duration equal to 1s, expressed in kA.

Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48800	160 A-630 A busbar support for auxiliary module	1000/1500	-40/+130





A=216mm, B=117mm, C=34 mm, D=200 mm

CHARACTERISTICS: For threaded busbars. It is necessary to order 2 units of each reference for busbar mounting. Includes spacers for mounting a protective screen (not included).

PA66 + GF25. Self-extinguishing UL 94 V0.

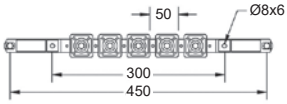
SUPPLY: Pack of 1 support.

Busbar section	Icc pk (kA)	11,9	13,6	24	30	48,3
	Icc rms (kA)	7	8	12	15	23
mm	In (A)	Maximum distance (mm) between busbar supports depending on Icc				
15x5	160	680	550	310	250	100
20x5	250	780	640	360	260	100
32x5	400	980	800	410	260	100
20x10	500	980	980	410	260	100
30x10	630	980	980	410	260	100

Icc pk = Peak value of short-circuit current expressed in kA.

Busbar supports

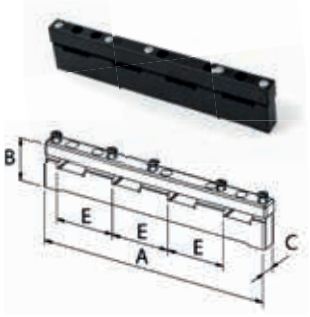




Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48454	160 A-400 A bottom busbar support	1000/1500	-40/+130

CHARACTERISTICS: Distance between axes or phases: 50 mm.
Plastic pin to install the busbar.
A spacer can be used and an earth bar fitted to the right or left.
Halogen-free plastic parts.

Voltage	Current	Busbar section (mm)	Maximum distance between busbar supports Ipk KÂ / Icc rms KA 1s			
			11/6.5	14/8	48/23	63/30
0 a 1,000 V	160 A	15 x 5	450	450	-	105
	250 A	20 x 5	450	450	-	105
	400 A	32 x 5	450	450	-	105



A=240 mm, B= 55 mm, C=18 mm, E=60 mm

Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48686	Horizontal busbar support TN 250-630 A 3P+N	1000/1500	-40/+130

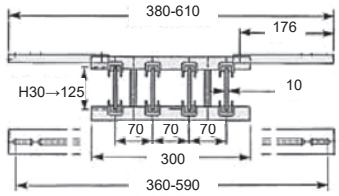
CHARACTERISTICS: Two units of each reference are needed for busbar assembly.
Distance between axes or phases: 60 mm. Triple phase + neutral.
PA66 + GF25. Self-extinguishing UL 94 V0.

Busbar section	Icc pk (kA)	30	34	44,1	50,4	54,5	60,9	75,6
	Icc rms (kA)	15	17	21	24	26	29	36
mm	In (A)	Maximum distance (mm) between busbar supports depending on Icc						
20x5	250	600	-	400	-	200*	-	-
20x10	500	-	600	-	400	-	200*	-
30x5	400	-	-	600	-	-	400	200*
30x10	630	-	-	600	-	-	400	200

Icc pk = Peak value of short-circuit current expressed in kA.
Icc rms = Effective value of the short-circuit current, duration equal to 1s, expressed in kA.
* Icc rms= Effective value of the short-circuit current, duration equal to 0.4s, expressed in kA.

Busbar supports



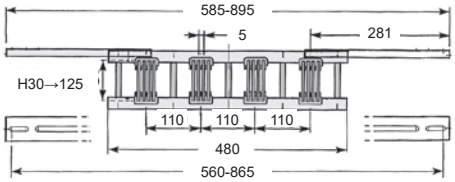


Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48685	Busbar support 1/10 TN 2250 A	1000/1500	-40/+130

CHARACTERISTICS: Distance between mounting centre on sides: 25 mm. Distance between mounting centres is adjustable.
Galvanised sheet steel reinforced with 2.5 mm of zinc. Zinc-plated screws, nuts and washers.
Three phases + neutral. 10-mm busbars, one per phase.
Halogen-free insulating parts.

Busbar section	Maximum distance between busbar supports - Ipk KA Icc rms KA 1s									
Icc. eff. in kA	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209
▸▯◂ 10 mm										
30	1000	569	456	351	251	197	189	161	125	100
40	1000	688	527	405	290	208	190	161	125	100
50	1000	769	590	453	324	208	190	161	125	100
60	1000	843	646	497	336	208	190	161	125	100
80	1000	973	746	574	336	208	190	161	125	100
100	1000	1000	834	641	336	208	190	161	125	100
120	1000	1000	914	656	336	208	190	161	125	100





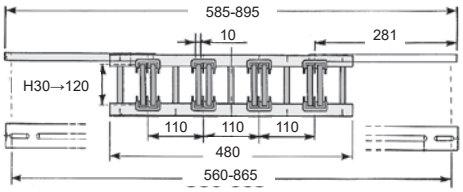
Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48680	Busbar support 4/5 TN 3500 A	1000/1500	-40/+130

CHARACTERISTICS: Distance between mounting centre: 25 mm. Distance between mounting centres is adjustable.
Galvanised sheet steel reinforced with 2.5 mm of zinc. Zinc-plated screws, nuts and washers.
Three phases (4/5 T) - Three phases + neutral (4/5 TN). Four 5-mm busbars, one per phase.
Halogen-free insulating parts.

Busbar section	Maximum distance between busbar supports - Icw kA eff. 1 s./Ipk kA										
Icc. eff. in kA	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
▸▯◂ 5 mm											
30	752	373	286	220	157	123	118	108	*	*	*
40	868	431	330	254	181	143	136	125	111	*	*
50	971	482	369	284	203	160	153	140	124	111	*
63	1000	541	414	319	228	179	171	158	139	118	*
80	1000	610	467	359	257	202	193	178	148	118	*
100	1000	682	522	402	287	226	216	190	148	118	*
125	1000	762	584	409	321	245	224	190	148	118	*
▯▸▯◂ 5 mm											
30	1000	528	404	311	222	175	167	154	136	121	110
40	1000	610	467	359	257	202	193	178	157	140	127
50	1000	682	522	402	287	226	216	199	175	157	140
63	1000	765	587	541	323	254	243	223	197	171	140
80	1000	863	661	508	364	286	274	252	214	171	140
100	1000	965	739	568	407	320	306	275	214	171	140
125	1000	1000	827	636	455	355	325	275	214	171	140
▯ ▯▸▯◂ 5 mm											
30	1000	647	496	381	272	214	205	189	166	149	134
40	1000	747	572	440	315	248	237	218	192	172	155
50	1000	835	640	492	352	277	265	244	215	192	166
63	1000	938	719	553	395	311	298	274	241	203	166
80	1000	1000	810	623	446	351	336	309	253	203	166
100	1000	1000	906	696	498	392	375	326	253	203	166
125	1000	1000	1000	779	557	421	385	326	253	203	166
▯ ▯ ▯▸▯◂ 5 mm											
30	1000	747	572	440	315	248	237	218	192	172	155
40	1000	863	661	508	364	286	274	252	222	199	180
50	1000	956	739	568	407	320	306	282	248	222	201
63	1000	1000	830	638	457	360	344	316	279	249	226
80	1000	1000	935	719	515	405	388	357	314	281	254
100	1000	1000	1000	804	576	453	433	399	352	315	285
125	1000	1000	1000	899	644	507	485	446	393	352	288

Busbar supports



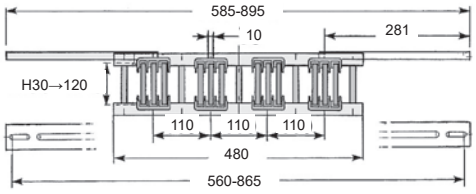


Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48681	Busbar support 2/10 TN 3600 A	1000/1500	-40/+130

CHARACTERISTICS: Distance between mounting centre: 25 mm. Distance between mounting centres is adjustable.
Galvanised sheet steel reinforced with 2.5 mm of zinc. Zinc-plated screws, nuts and washers.
Three phases + neutral. 10-mm busbars, one per phase.
Halogen-free insulating parts.

Busbar section	Maximum distance between busbar supports - Icw kA eff. 1 s./Ipk kA										
Icc. eff. in kA	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
▸▯◂ 10 mm											
30	1000	747	572	440	315	248	237	218	192	172	155
40	1000	863	661	508	364	286	274	252	222	197	161
50	1000	965	739	568	407	320	306	282	247	197	161
60	1000	1000	810	623	446	351	336	309	247	197	161
80	1000	1000	935	719	515	405	375	317	247	197	161
100	1000	1000	1000	804	576	410	375	317	247	197	161
120	1000	1000	1000	881	631	410	375	317	247	197	161
▯▸▯◂ 10 mm											
30	1000	1000	810	623	446	351	336	309	272	243	220
40	1000	1000	935	719	515	405	388	357	314	281	237
50	1000	1000	1000	804	576	453	433	399	352	290	237
60	1000	1000	1000	881	631	497	475	437	362	290	237
80	1000	1000	1000	1000	728	574	549	466	362	290	237
100	1000	1000	1000	1000	814	601	550	466	362	290	237
120	1000	1000	1000	1000	892	601	550	466	362	290	237





Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48688	Busbar support 3/10 TN 4500 A	1000/1500	-40/+130

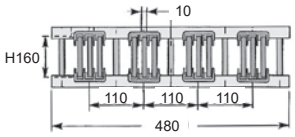
CHARACTERISTICS: Distance between mounting centre: 25 mm. Distance between mounting centres is adjustable.
Galvanised sheet steel reinforced with 2.5 mm of zinc. M10 screws in halogen-free reinforced polyamide.
Three phases + neutral. 10-mm busbars, one per phase.
Halogen-free insulating parts.

Busbar section	Maximum distance between busbar supports Ipk KA Icc ms KA 1s										
Icc. eff. in kA	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
▸▯◂ 10 mm											
30	1000	747	572	440	315	248	237	218	192	172	155
40	1000	863	661	508	364	286	274	252	222	199	172
50	1000	965	739	568	407	320	306	282	248	210	172
63	1000	1000	810	623	446	351	336	309	263	210	172
80	1000	1000	935	719	515	405	388	338	263	210	172
100	1000	1000	1000	804	576	437	400	338	263	210	172
120	1000	1000	1000	881	631	437	400	338	263	210	172
▯▸▯◂ 10 mm											
30	1000	1000	810	623	446	351	336	309	272	243	205
40	1000	1000	935	719	515	405	388	357	313	250	205
50	1000	1000	1000	804	576	453	433	399	313	250	205
63	1000	1000	1000	881	631	497	475	402	313	250	205
80	1000	1000	1000	1000	728	519	475	402	313	250	205
100	1000	1000	1000	1000	814	519	475	402	313	250	205
120	1000	1000	1000	1000	837	519	475	402	313	250	205
▯ ▯▸▯◂ 10 mm											
30	1000	1000	992	763	546	430	411	378	313	250	205
40	1000	1000	1000	881	631	497	475	402	313	250	205
50	1000	1000	1000	985	705	519	475	402	313	250	205
63	1000	1000	1000	1000	772	519	475	402	313	250	205
80	1000	1000	1000	1000	837	519	475	402	313	250	205
100	1000	1000	1000	1000	837	519	475	402	313	250	205
120	1000	1000	1000	1000	837	519	475	402	313	250	205

Busbar supports

Reference No.	Description	Maximum rated voltage Ui AC/DC	Operating temperature
		V	°C
48630	Busbar support 3/10 TN 160 6200 A	1000/1500	-40/+130





CHARACTERISTICS: Distance between mounting centre: 25 mm. Distance between mounting centres is adjustable.
Galvanised sheet steel reinforced with 2.5 mm of zinc. 5xM10 stainless steel screws.
Three phases + neutral. 10-mm busbars, one per phase.
Halogen-free insulating parts.

Busbar section	Maximum distance between busbar supports Ipk KA Icc ms KA 1s										
Icc. eff. in kA	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
▸▯◂ 10 mm											
160	1000	1000	1000	641	510	471	444	397	332	266	217
▯▸▯◂ 10 mm											
160	1000	1000	1000	1000	521	495	491	444	376	314	257
▯ ▯▸▯◂ 10 mm											
160	1000	1000	1000	1000	520	494	491	441	374	311	255

Copper bars

Ref. No.	Description	Bar dimensions			Hole dimensions		
			mm		Ø	Ø Oblong	mm
48792	Threaded copper bar	12	4	2000	M5	-	18
48793	Threaded copper bar	15	5	1000	M6	8x12	25
48794	Threaded copper bar	20	5	1000	M6	10x14	25
48799	Threaded copper bar	20	5	2000	M6	-	25
48801	Threaded copper bar	20	10	1000	M8	-	25
48802	Threaded copper bar	30	10	1000	M8	-	25
48803	Threaded copper bar	30	10	2000	M8	-	25



CHARACTERISTICS: Cu-ETP (Cu/A1) electrolytic copper compliant with the NF EN 13601 standard.
99.9% copper purity.
Average maximum elongation 12%.
Rounded corners to facilitate installation.
Rated power: For ambient temperature measured inside the control panel of 35 °C.

Bar cross section (mm)	Length of bar (mm)	Type	Distance between holes (mm)	Rated current (A)
				65 °C
12 x 4	2000	M5	18	153
15 x 5	1000	M6	25	210
20 x 5	1000	M6	25	274
20 x 5	2000	M6	25	274
20 x 10	1000	M8	25	427
30 x 10	1000	M8	25	573
30 x 10	2000	M8	25	573

Connecting combs



Reference No.	Description	Pack
48250	PIN-type 63 A single-pole comb	1-piece pack
48251	FORK-type 63 A single-pole comb	1-piece pack
48252	PIN-type 80 A single-pole comb	1-piece pack
48253	FORK-type 80 A single-pole comb	1-piece pack
48256	PIN-type 63 A double-pole comb	1-piece pack
48257	FORK-type 63 A double-pole comb	1-piece pack
48258	PIN-type 80 A double-pole comb	1-piece pack
48259	FORK-type 80 A double-pole comb	1-piece pack
48262	PIN-type 63 A three-pole comb	1-piece pack
48263	FORK-type 63 A three-pole comb	1-piece pack
48264	PIN-type 80 A three-pole comb	1-piece pack
48265	FORK-type 80 A three-pole comb	1-piece pack
48268	PIN-type 63 A four-pole comb	1-piece pack
48269	FORK-type 63 A four-pole comb	1-piece pack
48270	PIN-type 80 A four-pole comb	1-piece pack
48271	FORK-type 80 A four-pole comb	1-piece pack
48274	Final comb 2x63-2x80-3x63-3x80	10-piece bag
48275	Final comb 4x63-4x80	10-piece bag

CHARACTERISTICS: Flat copper bars. Bar lenght: 1m.
Impulse withstand voltage: >= 4.5 kV.
Maximum rated voltage: 690/1000 V AC/DC.

Protection screen



Ref. No.	Description	Bar dimensions (mm)		
		LENGTH X WIDTH X THICKNESS		
48421	Protection screen	1000	500	3

CHARACTERISTICS: Protection screen for profile busbars.
MATERIAL: Methacrylate.

Connectors



Reference No.	Description
48644	12x4 bar support

CHARACTERISTICS: For 12x4 mm bars - M4 clip.
MATERIAL: Shiny galvanised steel.



Reference No.	Description
48283	5-50 mm² pin connector



Reference No.	Description	Pack
48645	12x4 bar connector	20-piece bag

CHARACTERISTICS: For 12x4 mm threaded bars - M5 screws.
Cables: Minimum section 1 mm² - maximum section 6 mm².
MATERIAL: Galvanised steel.



Reference No.	Description
48646	16-35 mm² earth connector

CHARACTERISTICS: For 12x4 / 12x5 flat bars.
16 mm² flexible cable - 35 mm² rigid cable.
MATERIAL: Galvanised steel.



Reference No.	Description
48647	16-50 mm² connector for connection without drill holes

CHARACTERISTICS: Connections without drill holes for 5 mm-thick bars.
CABLE: 16 to 50 mm² cross section or ERIFLEX® 9-mm-wide flexibar.
The length from 16 to 50 mm², with the cable stripped, should be at least 40 mm.
MATERIAL: Galvanised steel.



Reference No.	Description	Pack
48651	50x75 sloping support	10-piece bag

CHARACTERISTICS: Distance between holes 60 mm - angle 55° - thickness 1.5 mm.
MATERIAL: DC01 iron with white zinc-plated finish.



Reference No.	Description	Pack
48652	EN 60x40 joints for symmetrical C-rail	5-piece bag

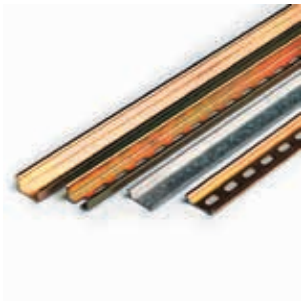


Reference No.	Description	Pack
48637	Clamps for cable diameter 10 -16 mm	20-piece pack
48638	Clamps for cable diameter 18 - 28 mm	20-piece pack
48639	Clamps for cable diameter 30 - 40 mm	10-piece pack

INSTALLATION COMPONENTS

Metal cabinets and enclosures accessories

DIN Profiles



Reference No.	Description	Rail	No. of bars	Bar length
				mm
48783	DIN profile symmetrical and PLAIN 35x15	TH 35x15 - 3000	5	425
48784	DIN profile symmetrical and PLAIN 35x15	TH 35x15 - 3000	5	625
48785	DIN profile symmetrical and PLAIN 35x7.5	TS 35	1	2000
48786	DIN profile symmetrical and PLAIN 35x15	TS 35/C	1	2000
48787	DIN profile symmetrical and GROOVED 35x7.55	TS 35/F6	1	2000
48788	DIN profile symmetrical and GROOVED 35x15	TS 35/CF6	1	2000

Spiral sleeve



Reference No.	Description	Ø Interior	Thickness
		mm	mm
48286	5,5 mm spiral sleeve (50 m)	5,5	1
48287	10 mm spiral sleeve (25 m)	10	1,5
48288	14 mm spiral sleeve (25 m)	14	2
48289	18 mm spiral sleeve (25 m)	18	2

CHARACTERISTICS: Flame-retardant spiral sleeve that provides mechanical protection for the electric cables.
Black SPIRFLEX spiral. Halogen-free material.
Temperature range: -50 °C / + 85 °C.

TOLERANCES: Internal diameter ±1 mm / Thickness: ±0.2 mm.

Earthing



Reference No.	Description	Dimensions			Pack
48452	M5 earth kit	12	4	500	20-piece pack

CHARACTERISTICS: Length: 500 mm - Thickness: 4 mm - Thread: M5; Distance between holes: 18 mm.
Includes: Busbar support 12x4 (2 pieces), busbar connectors 12x4 (20 pieces); Connector without drill hole 35 mm².



Reference No.	Description	Dimensions		Section	Int.	Pack
		LENGTH X WIDTH	THICKNESS	Ø mm²	A	
48437	Flat earth 150 mm	150x13	1.1	6.5 6	40	5-piece bag
48440	Flat earth 200 mm	200x15	1.5	8.5 16	120	5-piece bag

CHARACTERISTICS: Recommended by the EMC directives. 99.9% pure copper braids.
Use the recommended bolt diameter:
Hole Ø 6.5 mm = M6 Bolt.
Hole Ø 8.5 mm = M8 Bolt.

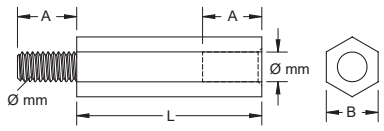


Reference No.	Description	Length	Terminal		Section	Pack
		mm	1	2	mm²	
ECB4/200	Earth cable 4 mm²	200	M6	M6	4-6	5-piece bag
ECB6/200	Earth cable 6 mm²	200	M6	M8	6	5-piece bag
ECB6/300	Earth cable 6 mm²	300	M8	M8	6	5-piece bag

CHARACTERISTICS: H07Z1-K cable. Yellow / green colour.

Spacers



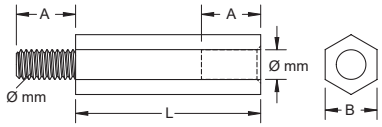


Reference No.	Description	Dimensions (mm)				Pack
		L	A	B	Ø	
48671	15 mm insulated spacer	15	7-8	13	M6	10-piece bag
48672	20 mm insulated spacer	20	7-8	13	M6	10-piece bag
48673	30 mm insulated spacer	30	7-8	13	M6	10-piece bag
48674	45 mm insulated spacer	45	7-8	13	M6	10-piece bag

CHARACTERISTICS: Intended to secure protection screens, profiles or earth bars.
Male/female hexagonal insulating spacers.
Operating temperature up to 80 °C - Voltage 1000 V.

MATERIAL: Insulating parts in polystyrene and threaded end in galvanised steel.





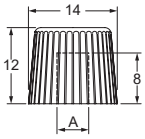
Reference No.	Description	Dimensions (mm)				Pack
		L	A	B	Ø	
48675	60 mm metal spacer	60	12	10	M6	10-piece bag
48676	70 mm metal spacer	70	12	10	M6	10-piece bag
48677	80 mm metal spacer	80	12	10	M6	10-piece bag
48678	90 mm metal spacer	90	12	10	M6	10-piece bag
48679	100 mm metal spacer	100	12	10	M6	10-piece bag

CHARACTERISTICS: Intended to secure protection screens, profiles or earth bars.
Male/female hexagonal metal spacers.

MATERIAL: Zinc plated steel.



Ref. 48531



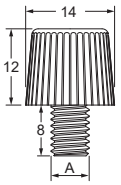
Reference No.	Description	Pack
48531	Countersunk washer D=6	50-piece bag



Ref. 48669



Ref. 48670



Reference No.	Description	Pack
48669	M6 insulating nut	10-piece bag
48670	M6 insulating cap	10-piece bag

CHARACTERISTICS: For installation in protection screens. DHM M4-M5-M6 / DH M5-M6.
Working temperature up to 80 °C.

MATERIAL: Insulating parts in polystyrene.

INSTALLATION COMPONENTS

Metal cabinets and enclosures accessories

LED light fixtures with connectors



Reference No.	Fixing	AC voltage		Lum.	Consumption power	Connection
		V	Hz	Lm	W	
LED690ACM	Magnetic	100/240	50/60	690	5	2P
LED690ACT	With screws	100/240	50/60	690	5	2P

CHARACTERISTICS: Long-lasting, maintenance-free LED technology.
Daylight, colour temperature 6500K. Multiple lamps connetion with 48009.
Push-in terminals. On/off switch.
Protection grade IP20.
Dimensions L=351 - ø32 mm.
FOR THE FOLLOWING CABINETS: GN - BIG - FSC - ENL.

Light fixture accessories



Ref. No.	Description
48009	Connector for connecting lamps LED 690
48607	Female power supply connector. Cable H05VV-F 3x1.5 mm^2 (2 m)

Door switch with LED with linear push button



Ref. 48618



Ref. 48619

Reference No.	Attachment	AC voltage		Lum.	Consumption power	Light colour
		V	Hz	Lm	W	K
48618	Magnetic	220/240	50/60	600	7	6000/6500
48619	Screws	220/240	50/60	600	7	6000/6500

CHARACTERISTICS: Small-sized and high efficiency light. Operated by stainless steel switch. Built-in support bracket.
A multi-purpose profile must be ordered to attach the screws, depending on the depth of the cabinet. Reference type PB. (See page 260). Attachment support incorporated in both references.
Dimensions L=100 mm.
Protection grade IP20.
FOR THE FOLLOWING CABINETS: GN.

End of stroke switch



Ref. No	Attachment	AC voltage		Int.	Lever rotation	Adjustable length:	Dist. between mounting screws	Metric mounting screws
		V	HZ	A	ō	mm	mm	
29250	Screw	250	50/60	5	±95	55	21±1	M4

CHARACTERISTICS: Toggle switch with roller. With M20 cable gland.
MATERIAL: Zinc-plated steel (backing material).
FOR THE FOLLOWING CABINETS: IP55-POL.

Door switch with adjustable lever



Reference No.	Attachment	AC voltage		Dimensions
		V	HZ	mm
48462	Screws	125/250	50/60	165,5x30,6x30

CHARACTERISTICS: NA+NC contact.
Operation by stainless steel lever and wheel.
It is not compatible with the frame assembly or inner doors.
MATERIAL: Zinc-plated steel (backing material).
FOR THE FOLLOWING CABINETS: BIG - BIG-INX - FSC - ENL - FIXED FRAME.

Door switch with linear push button



Reference No.	Attachment	AC voltage		Dimensions
		V	HZ	mm
48620	Screws	125/250	50/60	70x30,6x30

CHARACTERISTICS: Operated by stainless steel switch.
ENL-FSC cabinets: installation on the cabinet structure.
BIG cabinets: installation on the profiles for deep support. Protection grade IP65.
MATERIAL: Zinc-plated steel (backing material).
FOR THE FOLLOWING CABINETS: BIG - FSC - ENL

INSTALLATION COMPONENTS

Metal cabinets and enclosures accessories

Profile for deep support



Ref. No.	For cabinet prof. (mm)
PB150	150
PB200	200
PB250	250
PB300	300
PB400	400

MATERIAL: Galvanised steel.
CHARACTERISTICS: May be installed in any zone of the cabinet perimeter.
FOR CABINET TYPE: Pack of 1 piece+ screws.

Devices



Ref. No.	Description
29531	IP43 Ventilation device Ø 19 mm
29532	IP43 Ventilation device Ø 29 mm

MATERIAL: Thermoplastic.
INSTALLATION: By means of screws with rubber gasket.
CHARACTERISTICS: They facilitate air circulation through convection inside the modules, preventing the formation of condensation. Designed to prevent the entry of foreign bodies.



Ref. No.	Description	Dimensions	Air permeability	Tightening torque	Operating/ storage temp.
		mm		Nm	°C
48338	Pressure compensator	Ø 60x37	1200 l/h*	5 (10 max.)	-35/+70

MATERIAL: NBR sealing joint and impermeable membrane filter.
INSTALLATION: Drill a Ø 40.5 mm hole on the cabinet wall and assemble the device with the nut. In large enclosures, two or more devices must be installed on opposite sides and at the top. IP66 degree of protection.
* At a minimum pressure of 70 mbar.



Ref. No.	Description	Dimensions	Water evacuation	Tightening torque	Operating/ storage temp.
		mm		Nm	°C
48339	Water evacuator	Ø 60x49.5	200 ml/h*	6 max.	-45/+70

MATERIAL: NBR sealing joint.
INSTALLATION: Drill a Ø 50.5 mm hole on the cabinet wall and assemble the device with the nut. Vertical assembly on the bottom of the cabinet. IP66/IP67 degree of protection.
* In a 5 mm water column.

Screws, nuts and bolts

	Reference No.	Description	Pack
	**48429**	M6 caged nuts - front assembly	50-piece bag
	**48416**	M6 caged nuts - Normal	50-piece bag
	48435	M8 caged nuts - 3 mm wing	50-piece bag
	**48424**	M6x19 Torx-trilobular countersunk screw	50-piece bag
	**48425**	M6x12 Torx-trilobular panhead screw	50-piece bag
	**48468**	M8x16 Allen screw	50-piece bag
	**48470**	M12x20 Allen screw	50-piece bag
	**48476**	M6x10 non-rotating screw. Hexagonal PH+R hardness 4.8	50-piece bag
	**48434**	DIN 965 M6x20 screw	50-piece bag
	**48417**	M8 non-rotating nuts	50-piece bag
	**48433**	DIN 934 M6 nuts	50-piece bag
	**48418**	3.5x13 clipping plug	25-piece bag
	**48428**	5x11 detachable rivets	25-piece bag
	**48431**	M4x7 Self-tapping sheet metal screws	50-piece bag
	**48432**	DIN 7981 F 3.5x6.5 machined screws	50-piece bag
	**48512**	Machined screw for cable entry cover 3.5x9.5 DIN 7982	50-piece bag
	**48436**	Plastic caps (flush-fit/surface doors)	25-piece bag
	**48438**	Plastic cap (cabinets without door)	10-piece bag
	**48439**	Turning bushes (flush-fit doors)	25-piece bag
	**48539**	M6x23 Torx countersunk screw	50-piece bag





Electrical enclosures for the industrial sector

PLASTIC BOXES

PRYMA
STAR
ECOLOGY
LIGHT

PRYMA





IP67 Boxes for industrial sockets

The PRYMA series comprises a set of enclosures for surface installation, manufactured with halogen-free high-durability plastic materials intended to house power sockets or control and signalling elements.

They are intended for installation in places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment.

Their sphere of application therefore includes industrial premises, workshops, warehouses, depot areas, building sites, etc., or any place requiring a high degree of protection and safety.



PRYMA Technical characteristics

- **Degree of protection:** IP67.
- **Resistance to impact:** IK08.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -25 °C / +60 °C.
- **Maximum temperature materials:** +80 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

PRYMA Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

Watertight enclosures for installation of industrial power sockets

PRYMA

IP67 Boxes for industrial sockets



Product series

- Surface enclosures with a capacity of 9, 13 and 26 modules with transparent window.

Material

- Halogen-free plastic materials, with UV protection.
- Base and frame: ABS RAL 7035 Light Grey.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer.
- The rails are supplied assembled to the base for the 9-module models. For the 13- and 26-module models they are supplied disassembled in a bag containing the rail, supports and screws.
- Accessory bag:
  - 11x13 plastic screws.
  - Grey module cover (6 modules).
  - Module identification strips.
  - Hermetic caps (Ref. No. 1712GM and 1724GM).

Intended for the industrial sector, where a high degree of safety and maximum protection are required

DIN rail attachment

- The rail can be attached to the enclosure in two different positions: to the base or to the cover.

Attachment of rail to cover:

- 178M, 178P, 1712GM and 1724GM boxes: two supports are screwed to the cover, and the DIN rail is then screwed onto the supports.

Attachment of rail to base:

- 178M and 178P boxes: by pressing the rail gently into two grooved housings. These boxes are supplied with the rail assembled on the base.
- 1712GM and 1724GM boxes: two supports are screwed to the base and the DIN rail is then screwed onto the supports. The DIN rail can be placed at two different heights, offering the possibility of fitting elements from 53 mm to 70 mm for the first position and 92 mm for the second one. The boxes are supplied with the bag of accessories required for installation.





Base

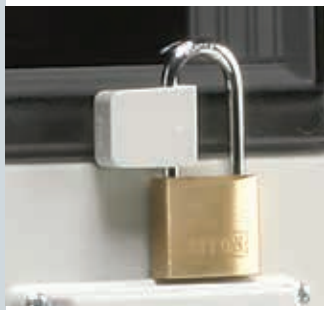
- It has four completely flat walls, permitting the installation of small elements such as pilot lights, pushbuttons, etc.
- The side walls have vertical ribs on the inside that provide rigidity to protect against possible deformation.
- The top and bottom sides are also flat, with three pre-marked points that can be used as a reference for inserting the trunking pipe.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail.
- The base has raised lines with different housings for fixing mounting plates, rails, bars, etc.

Wall-mounting

- 178P and 178M boxes are secured to the wall by means of screws placed in the locking screw housings on the enclosure.
- 1712GM and 1724GM boxes are mounted directly from the housings located on the base for this purpose. These housings are covered with watertight caps (supplied in the accessories bag) to maintain the degree of protection and dielectric strength.

Frame

- The frame is used for placing the power sockets. It has a vertical blank area and another one with an inclined plane to facilitate base installation and to prevent cable bundles from crossing.
- The frame perimeter has a sealing gasket to guarantee protection from dust and water.
- The inside of the frame has reinforcement ribs to guarantee the part's rigidity.
- The frame-base assembly is closed by means of 11×23 plastic pan-head and flat-tip screws (supplied in the accessory bag).
- The boxes can be sealed at two points.






Window

- Transparent tinted windows with UV protection.
- The window presses against the sealing gasket to guarantee the assembly's IP protection.
- The window opens vertically and is closed by means of two threaded screws.
- Possibility of support with padlock supplied as an accessory (Ref. 22670).

Frame-base hinge system

- This series has a frame-base hinge system that enhances manoeuvrability between both parts, guaranteeing an opening of 180°.
- The hinges' high resistance means that when the base is secured to the wall, the frame can be left hanging even if it has been totally installed with sockets or with equipment.
- The unit is assembled and disassembled by gently pressing on the ends of the part, which is symmetrical and reversible.

IP67 Boxes for industrial sockets

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
178P	1x9 DIN rail	284	222	122	1.2	13.2	16.5	19.8	23.1	26.4
178M	1x9 DIN rail	369	222	130	1.4	16.9	21.1	25.4	29.6	33.8
1712GM	1x13 DIN rail	504	297	177	2.7	31.1	38.8	46.6	54.4	62.1
1724GM	2x13 (26) DIN rail	504	297	177	3.0	31.1	38.8	46.6	54.4	62.1

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION
Frame and base in ABS RAL 7035 Light Grey.
PC transparent window, tinted.
IP67 - Surface.



1x9 modules
178P



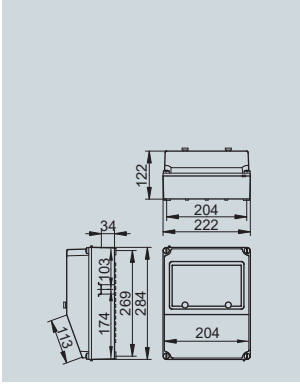
1x9 modules
178M

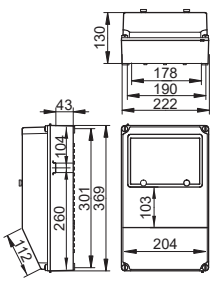


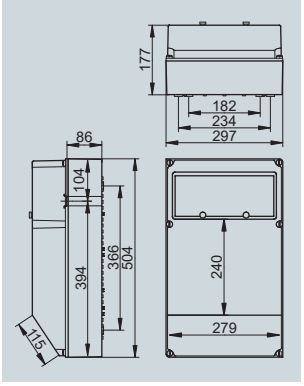
1x13 modules
1712GM

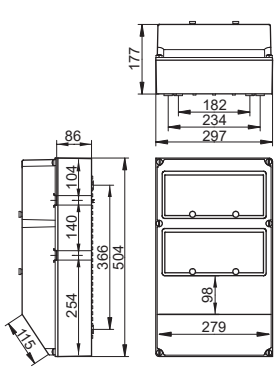


2x13 (26) modules
1724GM









IP67 Boxes for industrial sockets. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
178P/RR	1x9 DIN rail	284	222	122	1.3	13.2	16.5	19.8	23.1	26.4
178M/RR	1x9 DIN rail	369	222	130	1.5	16.9	21.1	25.4	29.6	33.8
1712GM/RR	1x13 DIN rail	504	297	177	2.8	31.1	38.8	46.6	54.4	62.1
1724GM/RR	2x13 (26) DIN rail	504	297	177	3.1	31.1	38.8	46.6	54.4	62.1

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION
Frame and base in ABS RAL 7035 Light Grey.
PC transparent window, tinted.
IP67 - Surface.
/RR: With neutral and earth bars.

They are intended for places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment

PRYMA COMPLET

IP67 Boxes for industrial sockets

Special assemblies



Plain boxes.



Boxes with assembled and wired power sockets.



Boxes with assembled and wired power sockets and protections.

How to proceed

1. SELECT THE BOX.

2. CHOOSE THE POWER SOCKETS.

3. INDICATE THE REQUIRED PROTECTION.

4. SUBMIT ALL THE INFORMATION TO OUR TECHNICAL DEPARTMENT.

You can request a quotation and technical assessment at **export@ide.es**

Special assemblies with power sockets can be supplied in any combination, assembled and wired, with no minimum order quantity

Proposal of sockets for Pryma Complet boxes

IP67 SCHUKO-TYPE FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
00105	2P+E	16A	250 V

IP67 FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
02801	2P+E	16 A	200/250 V
03802	3P+E	16 A	380/415 V
03803	3P+N+E	16 A	200/415 V
02804	2P+E	32 A	200/250 V
03805	3P+E	32 A	380/415 V
03806	3P+N+E	32 A	200/415 V

PRYMA Accessories



TRANSPARENT WINDOW



SCREW FOR WINDOWS



RAIL SUPPORT



BOX HANDLE



CABLE GLAND

Neutral and earth bars

In some markets, the technical regulations governing installation require neutral and earth conductors to be connected to a common busbar. The base of these boxes has specific supports for this purpose. The neutral and earth bars will be screwed to these supports, which are supplied as an accessory.

They can be supplied pre-assembled by ordering the /RR references.

Neutral and earth bar structure

Ref.	Terminal		Cable section	
	N	E	NEUTRAL	EARTH
22008	8+2	8+2	1x(10-25 mm²)+1x(4-10 mm²)+8x(2.5-6 mm²)	1x(10-25 mm²)+1x(4-10 mm²)+8x(2.5-6 mm²)
22009	12+2	12+2	1x(10-25 mm²)+1x(4-10 mm²)+12x(2.5-6 mm²)	1x(10-25 mm²)+1x(4-10 mm²)+12x(2.5-6 mm²)

Accessories and screws	Pack	Ref.
Box handle for mobile installations 140x40	1-piece pack	**22109**
Metal support 656x600	1-piece pack	**48205**
Support for padlock RAL 7035	10-piece bag	**22670**
Rail support RAL 7035	2-piece pack	**22430**
Grey module cover - 6 modules	50-piece box	**22590**
Hermetic caps	40-piece bag	**22650**
4x19 INOX screw	100-piece bag	**22292**
Base frame internal hinge RAL 7035	10-piece bag	**22068**
M11x23 screws for frame-base closure	10-piece bag	**22760**

Bushings and cable glands	Pack	Ref.
M25 bushing IP67	1-piece pack	**22273**
M40 bushing IP67	1-piece pack	**22274**
M16 cable gland IP68-69	5-piece bag	**22568**
M20 cable gland IP68-69	5-piece bag	**22569**
M25 cable gland IP68-69	5-piece bag	**22580**
M32 cable gland IP68-69	5-piece bag	**22582**
M40 cable gland IP68-69	5-piece bag	**22584**
M50 cable gland IP68-69	5-piece bag	**22577**
M16 cable gland nut	10-piece bag	**22566**
M20 cable gland nut	10-piece bag	**22567**
M25 cable gland nut	10-piece bag	**22581**
M32 cable gland nut	10-piece bag	**22583**
M40 cable gland nut	10-piece bag	**22585**
M50 cable gland nut	10-piece bag	**22578**

Transparent windows	Pack	Ref.
9 modules	1-piece pack	**PT9PM**
13 modules (22640 must be requested)	1-piece pack	**PT13GM**
M4x15 screws for windows	10-piece bag	**22640**

Neutral and earth bars	Ref.	No. modules	For box reference
Support + neutral and earth bar 2x(2+8)	**22008**	9-26	178M - 178P - 1724GM
Support + neutral and earth bar 2x(2+12)	**22009**	13	1712GM

STAR





IP65 Boxes for industrial sockets

The STAR series comprises a set of enclosures for surface installation manufactured with halogen-free high-durability plastic materials. They are intended for housing power sockets or control and signalling elements. They are intended for installation in places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment. Their sphere of application therefore includes industrial premises, workshops, warehouses, depot areas, building sites, etc.. or any place requiring a high degree of protection and safety.

Their design allows them to be installed jointly with junction boxes of the Ecology series in order to create large-sized power and distribution panels intended for indoor and outdoor settings. provided that the components fulfil the applicable legislation.



STAR Technical characteristics

- **Degree of protection:** IP65.
- **Resistance to impact:** IK08.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -25 °C / +60 °C.
- **Maximum temperature materials:** +80 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

STAR Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

Intended for installation wherever a high degree of protection and safety is required

STAR

IP65 Boxes for industrial sockets



Product series

- Surface enclosures with a capacity of 4, 6, 9, 12, 18, 24 and 36 modules with transparent window.
- Interface box to provide greater capacity.

Material

- Halogen-free plastic materials, with UV protection.
- Enclosure: ABS RAL 7035.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer. The rails are supplied assembled in all references.
- Accessory bag:
  - Base/cover screws.
  - Grey module cover (6 modules).
  - Module identification strips.
  - Hermetic caps.
  - Cover-base hinges.

Enclosures for surface installation, intended for housing power sockets or control and signalling elements

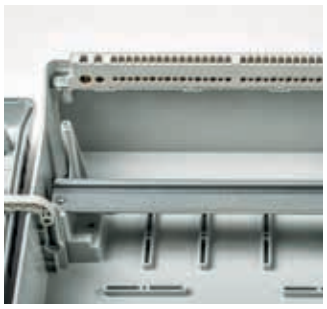
Neutral and earth bars

In some markets, the technical regulations governing installation require neutral and earth conductors to be connected to a common busbar. The base of these boxes has specific supports for this purpose. The neutral and earth bars will be screwed to these supports, which are supplied as an accessory.

They can be supplied pre-assembled by ordering the /RR references.

Neutral and earth bar structure

Ref. No.	Terminal		Cable section	
	N	E	NEUTRAL	EARTH
22019	5+1	-	1x(16-35 mm^2)+5x(10-25 mm^2)	-
22007	4+2	4+2	4x(2,5-6 mm^2)+2x(4-10 mm^2)	4x(2,5-6 mm^2)+2x(4-10 mm^2)
22001	8+1	8+1	5x(2,5-6 mm^2)+3x(4-10 mm^2)+1x(16-35 mm^2)	5x(2,5-6 mm^2)+3x(4-10 mm^2)+1x(16-35 mm^2)
22002	12+2	12+2	6x(2,5-6 mm^2)+6x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	6x(2,5-6 mm^2)+6x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)
22003	16+2	16+2	8x(2,5-6 mm^2)+8x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	8x(2,5-6 mm^2)+8x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)
22004	24+2	24+2	12x(2,5-6 mm^2)+12x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	12x(2,5-6 mm^2)+12x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)



Base

- Base with double height DIN rail (from 12 modules) providing greater space on the inside for wiring and devices, and a reinforcement rib that delivers greater rigidity.
- The sides have marks to facilitate the positioning of the bushing for joining boxes.
- The top and bottom sides have knock-outs with the standard metric diameters so that they can be quickly removed with a screwdriver for cable and pipe entry. These knockouts have central pre-marks to open other required diameters.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail. It also has pre-marks to open other diameters.

DIN rail attachment

- The rail is clipped and screwed to the base. The rails are supplied assembled in the base.

Wall-mounting

- Wall-mounting is by means of four screws, directly from the housings located at the bottom of the base provided for this purpose. These housings are covered with hermetic caps (supplied in the accessories bag, ref. 22650) to maintain the degree of protection and dielectric strength.

Frame

- The frame is used for placing the power sockets and has a blank vertical area. Frame size varies depending on sizes, and all types of sockets can be fitted.
- The frame perimeter and the front of the box have protection from dust and water. The front side includes a sealing gasket on the window that guarantees the IP protection from dust and water.
- The geometry of the frame and its constituent elements give the part greater rigidity. The frame-base unit is closed by means of captive screws (supplied in the accessory bag).






Window

- Transparent tinted windows, with UV protection.
- The window has reinforcement ribs to provide rigidity and pressure on the sealing gasket of the frame that guarantees IP protection of the assembly.
- Handle with vertical opening in 4, 6 and 9-modules models, and 180º reversible horizontal window opening in 12, 18, 24 and 36-module models.
- Lock with the IDE logotype with pressure-operated opening and closing, except CSN4PT.
- The lock can be replaced with key locks or triangular locks (inserts supplied as accessories).

Frame-base hinge system

- This series has a frame-base hinge system that enhances manoeuvrability between both parts, guaranteeing both vertical and horizontal opening of 180°, except CSN4PT.
- The hinges' high resistance means that when the base is secured to the wall, the frame can be left hanging even if it has been totally installed with sockets or with equipment.
- The unit is assembled and disassembled by gently pressing on the ends of the part, which is symmetrical and reversible.

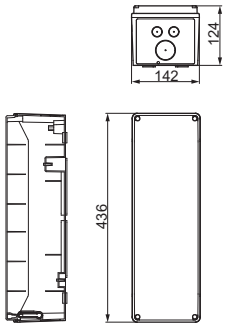
IP65 Boxes for industrial sockets

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
CSNPLUS	-	436	142	124	0.9	14.6	18.3	21.9	25.6	29.2
CSN4PT	1x4 DIN rail	385	102	105	0.6	10.0	12.5	15.0	17.5	20.0
CSN6PT	1x6 DIN rail	436	142	137	1.1	15.5	19.4	23.3	27.1	31.0
CSN9PT	1x9 DIN rail	436	210	137	1.4	19.3	24.1	29.0	33.8	38.6
CSN12PT	1x12 DIN rail	436	310	147	2.0	25.8	32.2	38.7	45.1	51.6
CSN18PT	1x18 DIN rail	436	418	147	2.5	32.0	39.9	47.9	55.9	63.9
CSN24PT	2x12 (24) DIN rail	688	310	147	3.5	37.1	46.4	55.7	65.0	74.3
CSN36PT	2x18 (36) DIN rail	728	418	147	4.6	49.5	61.8	74.2	86.6	98.9

CSNPLUS

TOP: 2xM20 - 1xM40. BOTTOM: 2xM20 - 1xM40. REAR OBLONG: 2xOB25x25

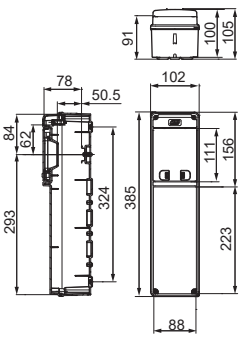






1x4 modules
CSN4PT

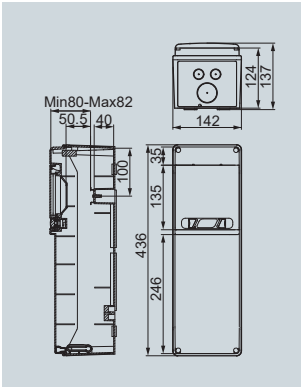
REAR: 2xM20





1x6 modules
CSN6PT

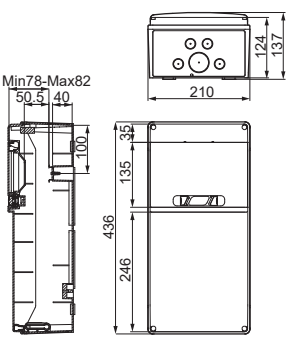
TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
REAR OBLONG:2xOB25x25





1x9 modules
CSN9PT

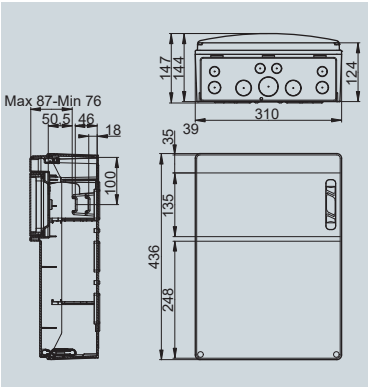
TOP: 4xM20 - 1xM40
BOTTOM: 4xM20 - 1xM40
REAR OBLONG:2xOB25x25





1x12 modules
CSN12PT

TOP: 8xM20-2xM25/32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
REAR OBLONG: 2xOB 25/32/25



IP65 Boxes for industrial sockets. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
CSNPLUS/RR	-	436	142	124	1.0	10.5	13.2	15.8	18.4	21.0
CSN4PT/R	1x4 DIN rail	385	102	105	0.7	10.0	12.5	15.0	17.5	20.0
CSN6PT/RR	1x6 DIN rail	436	142	137	1.2	14.3	17.9	21.5	25.1	28.7
CSN9PT/RR	1x9 DIN rail	436	210	137	1.5	16.7	20.9	25.1	29.2	33.4
CSN12PT/RR	1x12 DIN rail	436	310	147	2.2	24.1	30.1	36.1	42.1	48.2
CSN18PT/RR	1x18 DIN rail	436	418	147	2.7	30.0	37.5	45.1	52.6	60.1
CSN24PT/RR	2x12 (24) DIN rail	688	310	147	3.8	30.4	38.0	45.7	53.3	60.9
CSN36PT/RR	2x18 (36) DIN rail	728	418	147	4.9	49.5	61.8	74.2	86.6	98.8

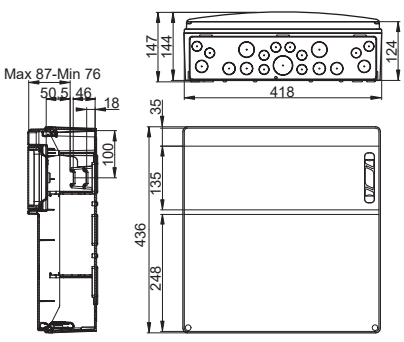
HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 Light Grey.
Transparent PC tinted window.
IP65 - Surface.
/RR: With neutral and earth bars.
/R: With busbar PE or neutral.



1x18 modules CSN18PT

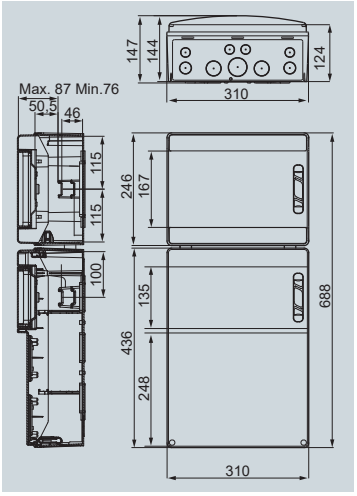
TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 10xM20-6xM25-2xM32-1xM40
REAR OBLONG: 2xOB 25/32/25





2x12 (24) modules CSN24PT

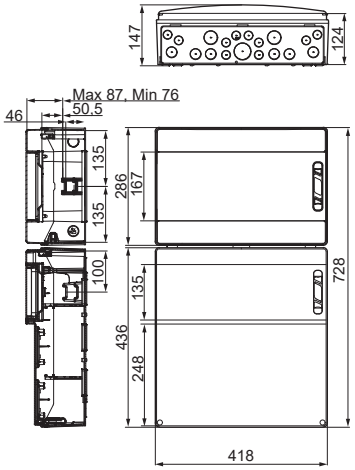
TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 4xM20-2xM25-1xM40
REAR OBLONG: 4xOB 25/32/25





2x18 (36) modules CSN36PT

TOP: 1xM40-2xM32-6xM25-12xM20
BOTTOM: 1xM40-2xM32-6xM25-10xM20
REAR OBLONG: 4xOB25/32/25



STAR KNOCK-OUT

IP65 Boxes for industrial sockets



Product series (with knock-out lids)

- Surface enclosures with a capacity 6, 9, 12, 18, 24 and 36 modules with transparent window.
- Wall-mounted enclosures with knock-out and interchangeable covers, to install different types of sockets with multiple combinations.
- Interface box available to provide greater capacity.

Material

- Halogen-free plastic materials, with UV protection.
- Base: ABS RAL 7035.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer. The rails are supplied assembled in all references.
- Accessory bag:
  - Base/cover screws.
  - Grey module cover (6 modules).
  - Module identification strips.
  - Hermetic caps.
  - Cover-base hinges.

Watertight boxes for installation of industrial sockets

Interchangeable covers

The enclosure is supplied with the interchangeable covers as below:

Reference No.	Plain covers	16A/ IP67 Schuko-type covers	IP54 Schuko-type covers
	Ref. 22270	Ref. 22271	Ref. 22272
PCSNPLUS	3	1	1
PCSN6PT	2	1	1
PCSN9PT	4	2	2
PCSN12PT	6	2	2
PCSN18PT	8	3	4
PCSN24PT	6	2	2
PCSN36PT	8	3	4

Knock-out lids

Reference No.	Description	Bases	Current (A)	Poles	IP
22270	Plain covers: Supplied assembled. Remove the cover in order to install sockets.	Flush-fit	16	3P+N+E	IP54 - IP67
		Flush-fit	32	2P+E - 3P+E - 3P+N+E	IP54 - IP67
22271	16 A cover: Supplied in the box. Screw-in cover for socket installation.	Flush-fit	16	2P+E - 3P+E	IP54 - IP67
		Schuko-type	16	2P+E	IP67
22272	Schuko-type cover: Supplied in the box. Screw-in and clip-on cover for Schuko-type data socket RJ45 (Ref. 00145) installation.	Schuko-type	16	2P+E	IP54

Possibility of lids









1 and 4. PLAIN COVER (Ref. 22270)

It is supplied assembled, with knock-outs for the installation of pilot lights or pushbuttons.

Remove the plain cover in order to install sockets.

- 16 A (3P+N+E) - IP54-IP67.
- 32 A IP54-IP67.

2. 16A COVER (Ref. 22271)

Screw-in cover for socket installation:

- 16 A (2P+E) (3P+E) – IP44-IP67.
- Schuko-type 16 A – IP67.

3. SCHUKO-TYPE COVER (Ref. 22272)

Screw-in and clip-on cover for Schuko-type 16 A sockets - IP54 and for data socket RJ45 (Ref. 00145).

STAR KNOCK-OUT

IP65 Boxes for industrial sockets

IP65 Boxes for industrial sockets. With knock-out lids

Reference No.	No. of modules	Dimensions			No. of covers	Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH		kg	20	25	30	35	40
PCSNPLUS	-	436	142	124	5	1.1	14.6	18.3	21.9	25.6	29.2
PCSN6PT	1x6 DIN rail	436	142	137	4	1.2	15.5	19.4	23.3	27.1	31.0
PCSN9PT	1x9 DIN rail	436	210	137	8	1.6	19.3	24.1	29.0	33.8	38.6
PCSN12PT	1x12 DIN rail	436	310	147	10	2.2	25.8	32.2	38.7	45.1	51.6
PCSN18PT	1x18 DIN rail	436	418	147	15	2.8	32.0	39.9	47.9	55.9	63.9
PCSN24PT	2x12 (24) DIN rail	688	310	147	10	3.8	37.1	46.4	55.7	65.0	74.3
PCSN36PT	2x18 (36) DIN rail	728	418	147	15	4.9	49.5	61.8	74.2	86.6	98.9

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 Light Grey.
Transparent PC tinted window.
IP65 - Surface.



PCSNPLUS

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
OBLONG REAR: 2xOB25x25



1x6 modules PCSN6PT

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
OBLONG REAR:2xOB25x25



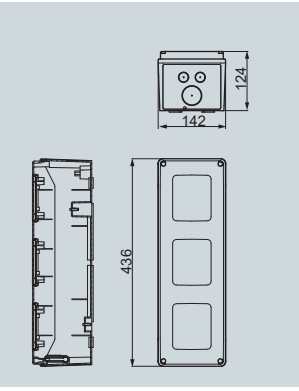
1x9 modules PCSN9PT

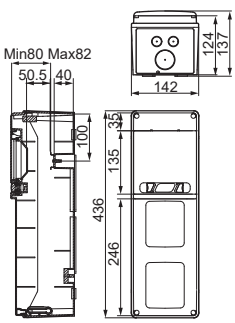
TOP: 4xM20 - 1xM40
BOTTOM: 4xM20 - 1xM40
OBLONG REAR: 2xOB25x25

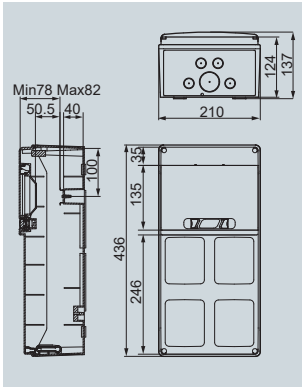


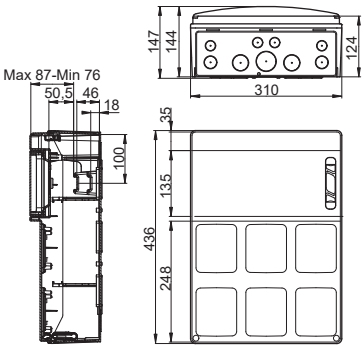
1x12 modules PCSN12PT

TOP: 8xM20-2xM25/32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
OBLONG REAR: 2xOB 25/32/25









IP 65 CE

IP65 Boxes for industrial sockets. With knock-out lids. With neutral and earth bars

Reference No.	No. of modules	Dimensions			No. of covers	Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH		kg	20	25	30	35	40
PCSNPLUS/RR	-	436	142	124	5	1.1	14.6	18.3	21.9	25.6	29.2
PCSN6PT/RR	1x6 DIN rail	436	142	137	4	1.3	15.5	19.4	23.3	27.1	31.0
PCSN9PT/RR	1x9 DIN rail	436	210	137	8	1.7	19.3	24.1	29.0	33.8	38.6
PCSN12PT/RR	1x12 DIN rail	436	310	147	10	2.4	25.8	32.2	38.7	45.1	51.6
PCSN18PT/RR	1x18 DIN rail	436	418	147	15	3.0	32.0	39.9	47.9	55.9	63.9
PCSN24PT/RR	2x12 (24) DIN rail	688	310	147	10	4.0	37.1	46.4	55.7	65.0	74.3
PCSN36PT/RR	2x18 (36) DIN rail	728	418	147	15	5.2	49.5	61.8	74.2	86.6	98.9

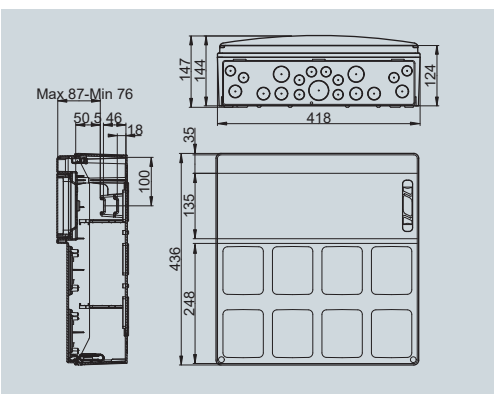
HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 Light Grey.
Transparent PC tinted window.
IP65 - Surface.
/RR: With neutral and earth bars.



1x18 modules
PCSN18PT

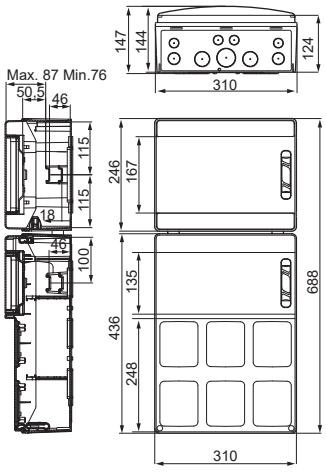
TOP: 12xM20-6xM25/32-1xM40
BOTTOM: 10xM20-6xM25-2xM32-1xM40
OBLONG REAR: 2xOB 25/32/25





2x12 (24) modules
PCSN24PT

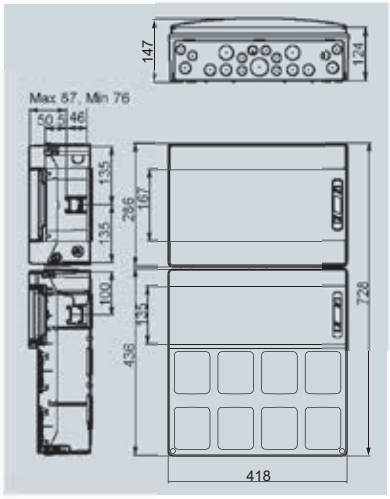
TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
OBLONG REAR: 4xOB 25/32/25





2x18 (36) modules
PCSN36PT

TOP: 1xM40-2xM32-6xM25-12xM20
BOTTOM: 1xM40-2xM32-6xM25-10xM20
OBLONG REAR: 4xOB25/32/25



ECO-STAR SYSTEM

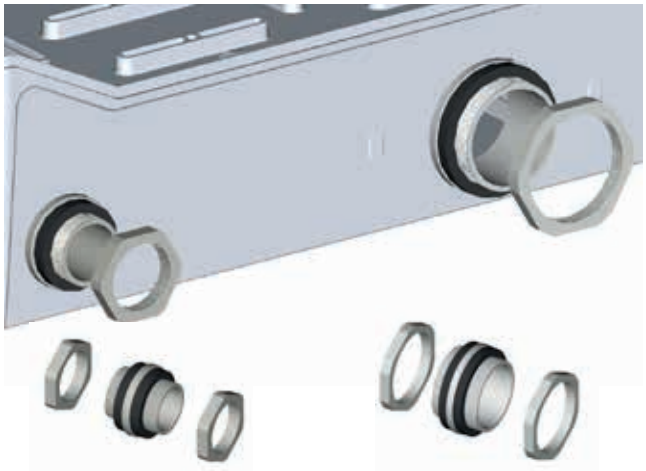
Ecology Series (Distribution boxes) + Star Series (Boxes for industrial sockets)

The Eco-Star system gives the possibility of joining the IP65 watertight distribution boxes (Ecology series) and IP65 boxes for industrial sockets (Star series), to create large-sized assemblies and modular capacity.

Combined with each other, they offer the installer the most versatile internationally-certified solution to combine distribution boxes and units for power sockets.

They have ample room for cables and extensive modular capacity. Intented for indoor and outdoor uses, wherever a high degree of protection and safety is required.





REF. 22273: M25 BUSHING

REF. 22274: M40 BUSHING

Join system

Joining these two models makes it possible to create large-sized power supply and distribution enclosures.

The boxes have marks on the sides for the easy installation of M25 and M40 bushings with rubber gasket to guarantee IP65 protection. They can be joined both vertically and horizontally.

The use of two M25 cable glands or a combination of an M25 cable gland and an M40 cable gland is recommended when more space is needed to run the cables.

Different joining possibilities and combinations



CDN24PT+CSN12PT



CSN12PT+PCSNPLUS



PCSN12PT+PCSN6PT

STAR + Additional module



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN12PT/PLUS	1x12 DIN rail + Additional	3.0	CSN12PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN18PT/PLUS	1x18 DIN rail + Additional	3,6	CSN18PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN12PT/PLUS	1x12 DIN rail + Additional	3,3	PCSN12PT	PCSNPLUS	15

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN18PT/PLUS	1x18 DIN rail + Additional	4,0	PCSN18PT	PCSNPLUS	20

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.

ECOLOGY + Additional module



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN24PT/PLUS	2x12 (24) DIN rail + Additional	3,5	CDN24PT	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN36PT2F/PLUS	2x18 (36) DIN rail + Additional	4,2	CDN36PT2F	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.

The boxes are supplied disassembled. Mounting accessories are included.

STAR

IP65 Boxes for industrial sockets

Special assemblies

4 DIFFERENT POSSIBILITIES.

ASSEMBLE IT YOURSELF



Plain boxes.



Boxes with knock-out covers.

ORDER FROM THE FACTORY



Boxes with assembled and wired power sockets.



Boxes with assembled and wired power sockets and protections.

How to proceed



1. SELECT THE BOX.



2. CHOOSE THE POWER SOCKETS.



3. INDICATE THE REQUIRED PROTECTION.



4. SUBMIT ALL THE INFORMATION TO OUR TECHNICAL DEPARTMENT.

You can request a quotation and technical assessment at **export@ide.es**

Special assemblies can be supplied in any combination, assembled and wired, with no minimum order quantity

Proposal of sockets for Star boxes

SCHUKO-TYPE FLUSH-FIT SOCKETS



Ref.	Poles	I	IP
00452	2P+E	16 A	54
00105	2P+E	16 A	67

IP44 FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
02301	2P+E	16 A	200/250 V
03302	3P+E	16 A	380/415 V
03303	3P+N+E	16 A	200/415 V
02304	2P+E	32 A	200/250 V
03305	3P+E	32 A	380/415 V
03306	3P+N+E	32 A	200/415 V

IP67 FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
02801	2P+E	16 A	200/250 V
03802	3P+E	16 A	380/415 V
03803	3P+N+E	16 A	200/415 V
02804	2P+E	32 A	200/250 V
03805	3P+E	32 A	380/415 V
03806	3P+N+E	32 A	200/415 V

STAR Accessories



NEUTRAL AND EARTH BAR



BOX HANDLE



SECURITY KEY FOR WINDOW OR TRIANGLE KEY



METAL SUPPORT



BUSHING M25 - M40

Accessories and screws

	Pack	Ref.
Box handle for mobile installations 140x40	1-piece pack	**22109**
Metal support	1-piece pack	**48205**
Grey module cover - 6 modules	50-piece box	**22590**
Hermetic caps	10-piece bag	**22650**
Base frame internal hinge RAL 7035	10-piece bag	**22068**
Window hinge	12-piece bag	**22012**
Plastic nut for sockets	100-piece bag	**22293**
M11x23 screws for frame-base closure	10-piece bag	**22760**

Locks

	Pack	Ref.
Security lock + key	1-piece pack	**92150**
Triangle lock (2 pieces) + key (1 piece)	1-piece pack	**22069**
Standard lock	1-piece pack	**22010**

Knock-out covers

	Pack	Ref.
Plain cover*	-	**22270**
16A cover**	-	**22271**
Schuko-type cover*	-	**22272**
4x13 screws	50-piece pack	**22611**
4x19 screws	100-piece pack	**22292**

* Screws Ref. 22611 must be requested for fixing.
** Screws Ref. 22292 must be requested for fixing.

Bushings and cable glands

	Pack	Ref.
M25 bushing IP67	1-piece pack	**22273**
M40 bushing IP67	1-piece pack	**22274**
M16 cable gland IP68-69	5-piece bag	**22568**
M20 cable gland IP68-69	5-piece bag	**22569**
M25 cable gland IP68-69	5-piece bag	**22580**
M32 cable gland IP68-69	5-piece bag	**22582**
M40 cable gland IP68-69	5-piece bag	**22584**
M50 cable gland IP68-69	5-piece bag	**22577**
M16 cable gland nut	10-piece bag	**22566**
M20 cable gland nut	10-piece bag	**22567**
M25 cable gland nut	10-piece bag	**22581**
M32 cable gland nut	10-piece bag	**22583**
M40 cable gland nut	10-piece bag	**22585**
M50 cable gland nut	10-piece bag	**22578**
M20 cap with membrane	10-piece bag	**22589**
M25 cap with membrane	10-piece bag	**22690**
M32 cap with membrane	10-piece bag	**22591**

Transparent windows

	Ref.
4 modules	**PT4CDNG**
6 modules	**PT6CSN**
9 modules	**PT9CSN**
12 modules	**PT12CSN**
18 modules	**PT18CSN**
24 modules	**PT24CSN**

Neutral and earth bars

	Ref.	No. Modules	For box reference
Support + neutral or earth bar (5+1 entries)	**22019**	4	CSN4PT
Support + neutral and earth bar 2x(4+2 entries)	**22007**	Add. / 6	CSNPLUS - CSN6PT
Support + neutral and earth bar 2x(8+1 entries)	**22001**	9	CSN9PT
Support + neutral and earth bar 2x(12+2 entries)	**22002**	12	CSN12PT
Support + neutral and earth bar 2x(16+2 entries)	**22003**	18/24	CSN18PT - CSN24PT
Support + neutral and earth bar 2x(24+2 entries)	**22004**	36	CSN36PT

ECOLOGY





IP65 Distribution boxes

The IP65 watertight distribution enclosures are manufactured with the highest-quality halogen-free plastic materials and are available in ABS and Polycarbonate. They have ample space for wiring and a modular capacity from 4 to 54 modules. They are intended for indoor and outdoor use, where enclosures with a high degree of protection and design are required.

The design allows installation together with STAR socket boxes to create large distribution and supply boards. For both indoor and outdoor use, provided the components meet the required standards.



ECOLOGY Technical characteristics

- **Degree of protection:** IP65.
- **Resistance to impact:** IK08.
- **Glow wire resistance:**
  ABS: 650 ºC.
  Polycarbonate: 850 ºC.
- **Ambient temperature range:** -25 °C / +60 °C.
- **Maximum temperature materials:** +80 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

ECOLOGY Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

Intended for industrial and outdoor facilities where a high degree of protection and safety is required

ECOLOGY

IP65 Distribution boxes



Product series

- Surface enclosures with a capacity of 4, 6, 8, 12, 18, 24, 36, 48, 54 and 72 modules with transparent window.

Material

ABS version

- Halogen-free plastic materials, with UV protection.
- Base and frame: ABS RAL 7035 Light Grey.
- Transparent window: PC tinted window.

Polycarbonate version

- Halogen-free plastic materials, with UV protection.
- Base and frame: PC RAL 7035 Light Grey.
- Transparent window: PC tinted window. Recommended for outdoor use.

Supply

- Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film.
- TH35x7.5 symmetrical rail in enclosures with one row of modules and a compact frame in enclosures with two or more rows of modules. They are supplied assembled in all references.
- Accessory bag:
  - Hermetic caps.
  - Cover-base locking screws.
  - Grey module cover (6 modules).
  - Module identification strips.

Available in ABS and Polycarbonate UV-ray resistant with a transparent window






Base

- Base with double height DIN rail (from 12 modules) providing greater space on the inside for wiring and devices, and a reinforcement rib that delivers greater rigidity.
- The sides have marks to facilitate the positioning of the bushing for joining boxes.
- The top and bottom sides have knock-outs with the standard metric diameters so that they can be quickly removed with a screwdriver for cable and pipe entry. These knockouts have central pre-marks to open other required diameters.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail. It also has pre-marks to open other diameters.

Frame

- The frame has double height which gives it greater rigidity.
- The frame-base unit is closed by means of 1/4 turn captive sealable power screws. This creates a box that can be sealed at four points.
- Covered with a sealing gasket that guarantees the IP protection of the unit.

Window

- Transparent tinted windows with UV protection.
- The window is covered with a sealing gasket to guarantee the assembly's IP protection.
- Reversible 180° horizontal window opening, except CDN4G box with 90° vertical opening.
- Lock with the IDE logotype with pressure-operated opening and closing, except CDN4G. The lock can be replaced with key locks or triangular locks (inserts supplied as accessories).





DIN rail attachment

- For 1-row models, the rail is inserted into the side housing, without a screw, and is secured by means of a screw on the other side.
- For models with 2 or more rows, a detachable frame is inserted.
- Double rail and frame positioning height as of 12 modules of capacity.
- The DIN rail is attached to the base with 4x13 special screws for plastic.
- The rails are supplied assembled in the bases.

Wall-mounting

- There are two possible wall-mounting systems:
- By means of four screws, directly from the housings located at the bottom of the base provided for this purpose; these housings are covered with hermetic caps (supplied in the accessories bag, ref. 22650) to maintain the degree of protection and dielectric strength.
- Through the holes made for the purpose of securing the frame-base, by means of four screws, except CDN4G.

IP65 Distribution boxes. ABS

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDN4G	1x4 DIN rail	177	102	105	0.3	5.0	6.2	7.5	8.7	10.0	65SG4
CDN4PT	1x4 DIN rail	231	166	113	0.7	8.9	11.1	13.3	15.5	17.8	65S04
CDN6PT	1x6 DIN rail	231	202	113	0.9	10.1	12.6	15.1	17.7	20.2	65S06
CDN8PT	1x8 DIN rail	231	238	118	1.0	11.6	14.5	17.4	20.3	23.1	65S08
CDN12PT	1x12 DIN rail	246	310	148	1.4	16.6	20.7	24.8	29.0	33.1	65S12
CDN18PT	1x18 DIN rail	286	418	148	2.0	23.1	28.9	34.7	40.4	46.2	65S18

CONTINUED ON PAGE 292.

IP65 Distribution boxes. Polycarbonate

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDP4PT	1x4 DIN rail	231	166	113	0.8	8.9	11.1	13.3	15.5	17.8	65S04
CDP6PT	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	65S06
CDP8PT	1x8 DIN rail	231	238	118	1.0	11.6	14.5	17.4	20.3	23.1	65S08
CDP12PT	1x12 DIN rail	246	310	148	1.5	16.6	20.7	24.8	29.0	33.1	65S12
CDP18PT	1x18 DIN rail	286	418	148	2.1	23.1	28.9	34.7	40.4	46.2	65S18

CONTINUED ON PAGE 292.

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 Light Grey. Transparent PC tinted window.
Ref. CDP: Frame and base in PC RAL 7035 Light Grey. Transparent PC tinted window.
IP65 - Surface - Sealable.



1x4 modules
CDN4G

TOP: 1xM25



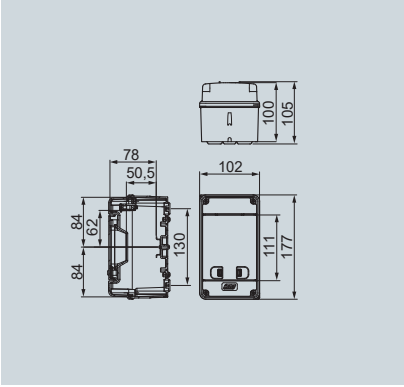
1x4 modules
CDN4PT

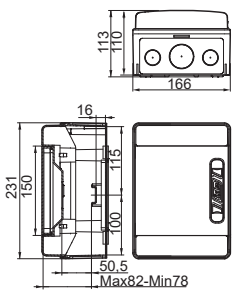
TOP: 2xM25-1xM40
BOTTOM: 2xM25-1xM40
OBLONG REAR: 2xOB25/25

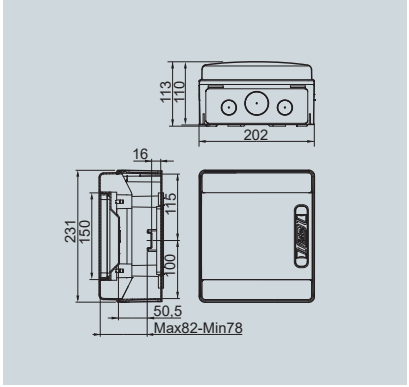


1x6 modules
CDN6PT

TOP: 2xM25-1xM40
BOTTOM: 2xM25-1xM40
OBLONG REAR: 2xOB25/25







IP65 Distribution boxes. ABS. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDN4G/R	1x4 DIN rail	177	102	105	0.5	5.0	6.2	7.5	8.7	10.0	65S4G
CDN4PT/RR	1x4 DIN rail	231	166	113	0.8	8.9	11.1	13.3	15.5	17.8	65S04
CDN6PT/RR	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	65S06
CDN8PT/RR	1x8 DIN rail	231	238	118	1.1	11.6	14.5	17.4	20.3	23.1	65S08
CDN12PT/RR	1x12 DIN rail	246	310	148	1.6	16.6	20.7	24.8	29.0	33.1	65S12
CDN18PT/RR	1x18 DIN rail	286	418	148	2.2	23.1	28.9	34.7	40.4	46.2	65S18

CONTINUED ON PAGE 293.

IP65 Distribution boxes. Polycarbonate. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDP4PT/RR	1x4 DIN rail	231	166	113	0.9	8.9	11.1	13.3	15.5	17.8	65S04
CDP6PT/RR	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	65S06
CDP8PT/RR	1x8 DIN rail	231	238	118	1.1	11.6	14.5	17.4	20.3	23.1	65S08
CDP12PT/RR	1x12 DIN rail	246	310	148	1.7	16.6	20.7	24.8	29.0	33.1	65S12
CDP18PT/RR	1x18 DIN rail	286	418	148	2.3	23.1	28.9	34.7	40.4	46.2	65S18

CONTINUED ON PAGE 293.

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 Light Grey. Transparent PC tinted window.
Ref. CDP: Frame and base in PC RAL 7035 Light Grey. Transparent PC tinted window.
IP65 - Surface - Sealable.
/RR: With neutral and earth bars.
/R: With busbar PE or neutral.



1x8 modules
CDN8PT

TOP: 4xM25-1xM40
BOTTOM: 4xM25+1xM40
INT: -
OBLONG REAR: 2xOB25/25



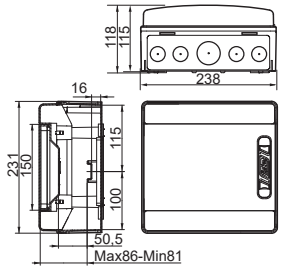
1x12 modules
CDN12PT

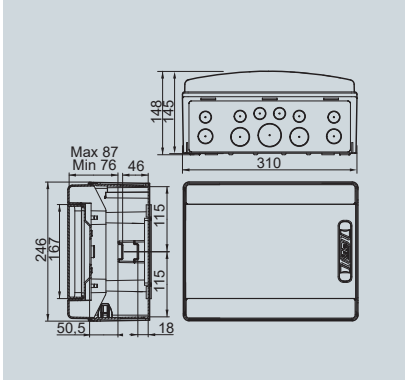
TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25

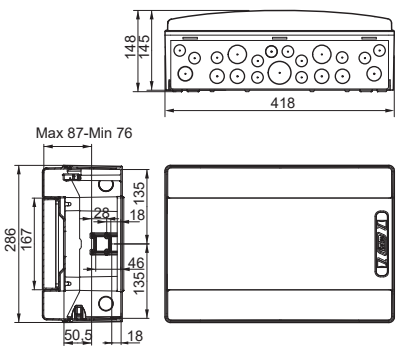


1x18 modules
CDN18PT

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20-6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25







IP65 Distribution boxes. ABS

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDN24PT	2x12 (24) DIN rail	436	310	148	2.4	25.9	32.3	38.8	45.3	51.7	65S24
CDN36PT2F	2x18 (36) DIN rail	436	418	148	3.1	32.1	40.1	48.1	56.1	64.1	65S36
CDN36PT3F	3x12 (36) DIN rail	586	310	148	3.1	33.2	41.5	49.8	58.1	66.5	65S36
CDN48PT	4x12 (48) DIN rail	872	310	148	4.6	49.5	61.9	74.2	86.6	99.0	65S48
CDN54PT	3x18 (54) DIN rail	586	418	148	4.0	41.0	51.2	61.5	71.7	82.0	65S54
CDN72PT	4x18 (72) DIN rail	872	418	148	6.5	61.1	76.3	91.6	106.9	122.1	65S72

IP65 Distribution boxes. Polycarbonate

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDP24PT	2x12 (24) DIN rail	436	310	148	2.6	25.9	32.3	38.8	45.3	51.7	65S24
CDP36PT2F	2x18 (36) DIN rail	436	418	148	3.3	32.1	40.1	48.1	56.1	64.1	65S36
CDP36PT3F	3x12 (36) DIN rail	586	310	148	3.3	33.2	41.5	49.8	58.1	66.5	65S36
CDP48PT	4x12 (48) DIN rail	872	310	148	5.0	49.5	61.9	74.2	86.6	99.0	65S48
CDP54PT	3x18 (54) DIN rail	586	418	148	4.3	41.0	51.2	61.5	71.7	82.0	65S54
CDP72PT	4x18 (72) DIN rail	872	418	148	6.5	61.1	76.3	91.6	106.9	122.1	65S72

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 Grey. Transparent PC tinted window.
Ref. CDP: Frame and base in PC RAL 7035 Grey. Transparent PC tinted window.
IP65 - Surface - Sealable.



2x12 (24) modules
CDN24PT

TOP: 8xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



2x18 (36) modules
CDN36PT2F

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20-6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



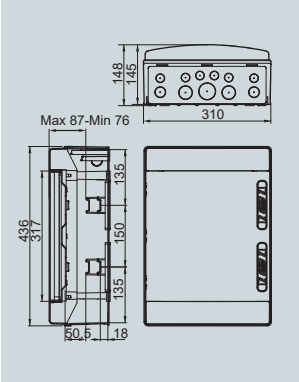
3x12 (36) modules
CDN36PT3F

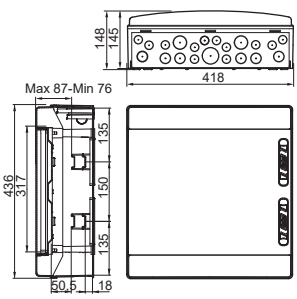
TOP: 8xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25

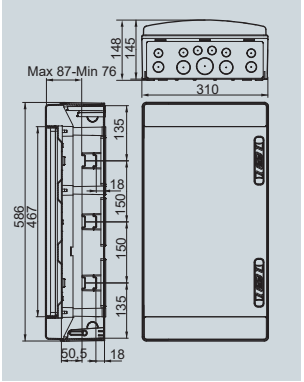


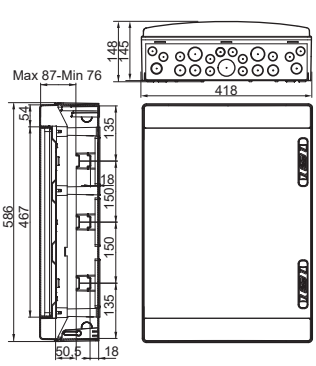
3x18 (54) modules
CDN54PT

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20- 6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25









IP65 Distribution boxes. ABS. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDN24PT/RR	2x12 (24) DIN rail	436	310	148	2.6	25.9	32.3	38.8	45.3	51.7	65S24
CDN36PT2F/RR	2x18 (36) DIN rail	436	418	148	3.4	32.1	40.1	48.1	56.1	64.1	65S36
CDN36PT3F/RR	3x12 (36) DIN rail	586	310	148	3.4	33.2	41.5	49.8	58.1	66.5	65S36
CDN48PT/RR	4x12 (48) DIN rail	872	310	148	4.6	49.5	61.9	74.2	86.6	99.0	65S48
CDN54PT/RR	3x18 (54) DIN rail	586	418	148	4.4	41.0	51.2	61.5	71.7	82.0	65S54
CDN72PT/RR	4x18 (72) DIN rail	872	418	148	6.5	61.1	76.3	91.6	106.9	122.1	65S72

IP65 Distribution boxes. Polycarbonate. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40	
CDP24PT/RR	2x12 (24) DIN rail	436	310	148	2.8	25.9	32.3	38.8	45.3	51.7	65S24
CDP36PT2F/RR	2x18 (36) DIN rail	436	418	148	3.6	32.1	40.1	48.1	56.1	64.1	65S36
CDP36PT3F/RR	3x12 (36) DIN rail	586	310	148	3.6	33.2	41.5	49.8	58.1	66.5	65S36
CDP48PT/RR	4x12 (48) DIN rail	872	310	148	5.0	49.5	61.9	74.2	86.6	99.0	65S48
CDP54PT/RR	3x18 (54) DIN rail	586	418	148	4.7	41.0	51.2	61.5	71.7	82.0	65S54
CDP72PT/RR	4x18 (72) DIN rail	872	418	148	6.5	61.1	76.3	91.6	106.9	122.1	65S72

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 Grey. Transparent PC tinted window.

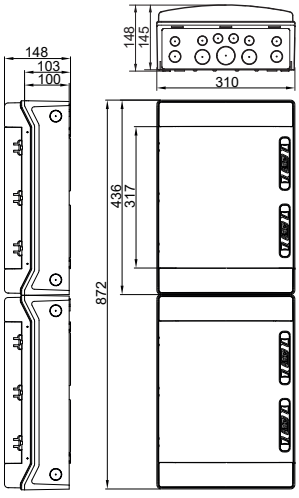
Ref. CDP: Frame and base in PC RAL 7035 Grey. Transparent PC tinted window.

IP65 - Surface - Sealable.

/RR: With neutral and earth bars.

4x12 (48) modules
CDN48PT

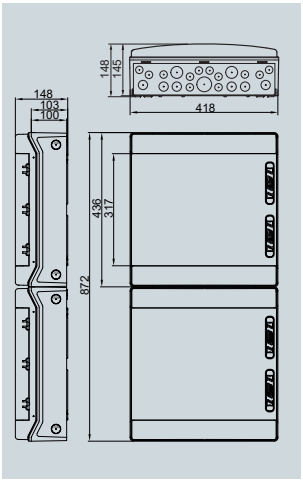
TOP: 8xM20 - 2xM25 - 2xM32 - 1xM40
BOTTOM: 6xM20 - 2xM25 - 2xM32 - 1xM40 INT: 8xM25
OBLONG REAR: 4xOB 25/32/2





4x18 (72) modules
CDN72PT

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20- 6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25





ECO-STAR SYSTEM

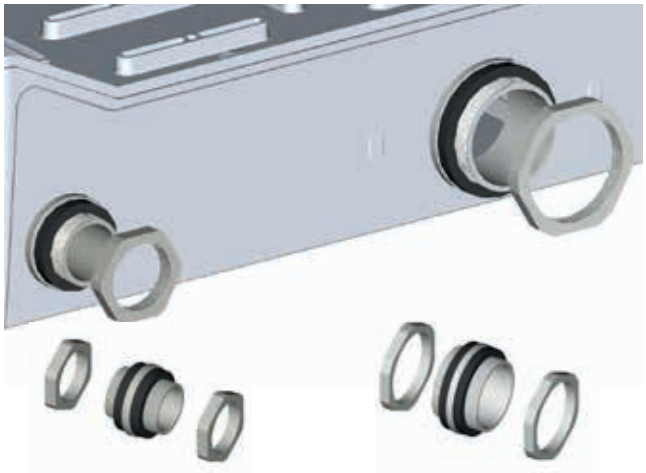
Ecology Series (Distribution boxes) + Star Series (Boxes for industrial sockets)

The Eco-Star system gives the possibility of joining the IP65 watertight distribution boxes (Ecology series) and IP65 boxes for industrial sockets (Star series), to create large-sized assemblies and modular capacity.

Combined with each other, they offer the installer the most versatile internationally-certified solution to combine distribution boxes and units for power sockets.

They have ample room for cables and extensive modular capacity. Intented for indoor and outdoor uses, wherever a high degree of protection and safety is required.





REF. 22273: M25 BUSHING

REF. 22274: M40 BUSHING

Join system

Joining these two models makes it possible to create large-sized power supply and distribution enclosures.

The boxes have marks on the sides for the easy installation of M25 and M40 bushings with rubber gasket to guarantee IP65 protection. They can be joined both vertically and horizontally.

The use of two M25 cable glands or a combination of an M25 cable gland and an M40 cable gland is recommended when more space is needed to run the cables.

Different joining possibilities and combinations



CDN24PT+CSN12PT



CSN12PT+PCSNPLUS



PCSN12PT+PCSN6PT

STAR + Additional module



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN12PT/PLUS	1x12 DIN rail + Additional	3.0	CSN12PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN18PT/PLUS	1x18 DIN rail + Additional	3.6	CSN18PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN12PT/PLUS	1x12 DIN rail + Additional	3.3	PCSN12PT	PCSNPLUS	15

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN18PT/PLUS	1x18 DIN rail + Additional	4.0	PCSN18PT	PCSNPLUS	20

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.

ECOLOGY + Additional module



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN24PT/PLUS	2x12 (24) DIN rail + Additional	3.5	CDN24PT	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window
DIMENSIONS: 436x452x147 mm.
IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN36PT2F/PLUS	2x18 (36) DIN rail + Additional	4.2	CDN36PT2F	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS
FINISH: RAL 7035 Light Grey with transparent window.
DIMENSIONS: 436x560x147 mm.
IP65 - Surface.

The boxes are supplied disassembled. Mounting accessories are included.

Neutral and earth bars

In some markets, the technical regulations governing installation require neutral and earth conductors to be connected to a common busbar. The base of these boxes has specific supports for this purpose. The neutral and earth bars are inserted into a side housing, without a screw, and are secured by means of a screw on the other side.

They may be supplied as an accessory or they can be supplied already assembled by ordering the /RR references.

Neutral and earth bar structure

Ref. No.	Terminal I		Terminal II		Cable section	
	N	E	N	E	NEUTRAL	EARTH
22019	6	-	-	-	1x(16-35 mm^2)+5x(10-25 mm^2)	-
22000	5	5	-	-	1x(16-35 mm^2)+2x(2.5-6 mm^2)+2(4-10 mm^2)	1x(16-35 mm^2)+2x(2.5-6 mm^2)+2(4-10 mm^2)
22001	9	9	-	-	5x(2.5-6 mm^2)+3x(4-10 mm^2)+1x(16-35 mm^2)	5x(2.5-6 mm^2)+3x(4-10 mm^2)+1x(16-35 mm^2)
22002	14	14	-	-	6x(2.5-6 mm^2)+6x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	6x(2.5-6 mm^2)+6x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)
22003	18	18	-	-	8x(2.5-6 mm^2)+8x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	8x(2.5-6 mm^2)+8x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)
22004	26	-	-	26	12x(2.5-6 mm^2)+12x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)	12x(2.5-6 mm^2)+12x(4-10 mm^2)+1x(10-25 mm^2)+1x(16-35 mm^2)
22005	36	-	-	36	16x(2.5-6 mm^2)+16x(4-10 mm^2)+2x(10-25 mm^2)+2x(16-35 mm^2)	16x(2.5-6 mm^2)+16x(4-10 mm^2)+2x(10-25 mm^2)+2x(16-35 mm^2)

ECOLOGY Accessories



WINDOW HINGE



BUSHING FOR JOINING BOXES M40 - M25



SECURITY KEY FOR WINDOW



TRANSPARENT WINDOW



NEUTRAL AND EARTH BAR SUPPORT

Miscellaneous

	Pack	Ref.
Interior frame-base hinge (24-36-54 mod.)	10-piece bag	**22068**
Cover-base locking screws RAL 7035	12-piece bag	**22200**
Window hinge RAL 7035	12-piece bag	**22012**
Grey module cover RAL 7035 (6 modules)	50-piece box	**22590**
Hermetic caps	40-piece bag	**22650**
M20 membrane cap	10-piece bag	**22589**
M25 membrane cap	10-piece bag	**22690**
M32 membrane cap	10-piece bag	**22591**
4x13 screw for bar support	50-piece bag	**22611**

Locks

	Ref.
Standard lock	**22010**
Security lock + key	**92150**
Triangle lock (2 pieces) + key (1 piece)	**22069**

Transparent windows

	Ref.
4 modules (CDN4G)	**PT4CDNG**
4 modules (CDN4PT)	**PT04CDN**
6 modules	**PT06CDN**
8 modules	**PT08CDN**
12 modules	**PT12CDN**
18 modules	**PT18CDN**
24 modules	**PT24CDN**
36 modules (2 rows)	**PT362FCDN**
36 modules (3 rows)	**PT363FCDN**
54 modules	**PT54CDN**

Bushings and cable glands

	Pack	Ref.
M25 bushing IP67	1-piece pack	**22273**
M40 bushing IP67	1-piece pack	**22274**
M16 cable gland IP68-69	5-piece bag	**22568**
M20 cable gland IP68-69	5-piece bag	**22569**
M25 cable gland IP68-69	5-piece bag	**22580**
M32 cable gland IP68-69	5-piece bag	**22582**
M40 cable gland IP68-69	5-piece bag	**22584**
M50 cable gland IP68-69	5-piece bag	**22577**
M16 cable gland nut	10-piece bag	**22566**
M20 cable gland nut	10-piece bag	**22567**
M25 cable gland nut	10-piece bag	**22581**
M32 cable gland nut	10-piece bag	**22583**
M40 cable gland nut	10-piece bag	**22585**
M50 cable gland nut	10-piece bag	**22578**

Neutral and earth bars

	Ref.	No. modules	For box reference
Support + neutral or earth bar (6 entries)	**22019**	4	CDN4G
Support + neutral and earth bar 2x(5 entries)	**22000**	4/6	CDN4PT - CDN6PT
Support + neutral and earth bar 2x(9 entries)	**22001**	8	CDN8PT
Support + neutral and earth bar 2x(14 entries)	**22002**	12	CDN12PT
Support + neutral and earth bar 2x(18 entries)	**22003**	18/24	CDN18PT - CDN24PT
Support + neutral and earth bar 2x(26 entries)	**22004**	36	CDN36PT
Support + neutral and earth bar 2x(36 entries)	**22005**	54	CDN54PT

LIGHT





IP65-IP67 Junction boxes

The LIGHT series is a set of **watertight surface boxes** intended for electrical junctions or for trunking boxes.

They can also be used to build electrical or electronic switchboards. With the right accessories, small terminal junction boxes can be built, and power sockets can be used to create small electric power supply blocks.

This series is completed with the motor-protection and electrical and electronic protection boxes for machine tools or similar applications.

IP 65 IP 67 CE



LIGHT Technical characteristics

- **Degree of protection:** IP65-IP67*.
- **Resistance to impact:** IK07.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

* Except ref. EP048. EP088 and EX088 (IP54).

LIGHT Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: IEC 60670-22.

Intended for industrial and outdoor facilities. where a high degree of protection against dust and impacts is required

LIGHT

IP65-IP67 Junction boxes



Product series

Standard:

- Seven watertight junction boxes.
- Three watertight motor-protection boxes.
- Each of these models is manufactured in three different versions:
  With conical cable glands.
  With knock-out sides.
  With plain sides.
- The three largest models are available with opaque or transparent lid.
- A series of assemblies with standard power sockets is offered.

Special:

- Using the basic versions, special versions can be created to suit the needs of each customer or to comply with the specific regulations of the target markets.
- Special assemblies with power sockets can be supplied in any combination, with no minimum order quantity.

Supply

- The boxes are supplied individually, shrink-wrapped and in multiple cardboard packaging, according to minimum packaging units.
- EP048 is not supplied shrink-wrapped, it is supplied with the label over the lid.
- Boxes with conical cable glands are supplied with the cone assembled.
- Accessory bag: Bag with 2 arrow screws plus 2 screws without arrow.

Material

- Halogen-free plastic materials.
- Opaque base and lid: Shock-proof PS RAL 7035.
- Transparent lid: PC tinted window, with UV protection.
- Conical cable glands: PVC.

Possibility of special assemblies with no minimum order quantity

Table for DIN rails

Box type	Direction	Hole distance	Rail length	Pack	Reference No.
		(mm)	(mm)		
Boxes 111	Vertical Horizontal	77.5 77.5	87,5 87,5	10-piece bag	**22091**
Boxes 161	Vertical Horizontal	70,5 127	87,5 137	10-piece bag	**22091** **22713**
Boxes 171	Vertical Horizontal	127 127	137 137	10-piece bag	**22713**
Boxes 231	Vertical Horizontal	139 187	159 207	1-piece pack	**22090** **22092**
Boxes 322	Vertical Horizontal	186 262	207.2 271	10-piece bag	**22092** **22714**



Base

- The junction and motor-protection boxes are available in three versions:
  - Plain sides.
  - Sides with closed knock-outs, adapted to the metric and easy to remove.
  - Sides with cut-outs for fitting conical cable glands.
- The wall-mounting points are located at the bottom of the base and can be hermetically isolated using caps that guarantee the box's IP protection and dielectric strength. These caps are supplied as an accessory (Ref. 22650).
- There are also slotted ribs at the bottom of the base for securing tap-off terminals and plates.
- The supports for securing the DIN rails are also located there. They can be ordered as an accessory (see page 300).
- There are closed knock-outs on the outside of the box bottom to facilitate the entry of cables from the back.
- There are vertical ribs on the four inside walls to give the part greater rigidity.
- There are also open or closed cut-outs, depending on the versions. These cut-outs have a diameter of 25 or 40 mm and the number and size depends on the box size.

Lids

- The lids are smooth and rounded and, together with the inside ribs, afford the whole unit excellent rigidity.
- In the 111 to 322 models. the lids have a continuous recess for an injected rubber gasket that guarantees maximum IP65-IP67 protection. These lids have a clip to make the screws captive.
- The EP048 and EP088 models have a base-lid clipping system that delivers IP54 protection.
- The lids used for motor-protection boxes are higher to be able to house the electrical devices typical of this type of box.

Screws

- These boxes are supplied with four ¼ turn plastic screws made captive by means of a clip located on the lid. The lids of the references EP048 and EP088 are clipped without screws.
- Two of the screws have pins that give the lid a hinge effect and keep the unit together.
- These screws have a hole through them, and once in place they face a hole in the lid, making it possible to seal the box and prevent access to the inside, except model 322.



Conical cable glands

- The conical cable glands have diameters of 25 mm and 40 mm.
- They are supplied in the EP*** and EV*** versions and are always assembled in the box.
- The cones are manufactured with a flexible material in PVC that guarantees a suitable degree of protection in all cases.
- The design of the cones consists of rings placed at different heights. Each one of these rings corresponds to a pipe diameter for electrical installations, so that if they are cut to different heights the pipe can be inserted into the box through the conical cable gland, maintaining a perfect fit and guaranteeing watertightness.

Hinges

- Option to fit hinges between the lid and the base for all models of boxes and motor housings.
- The hinges come with markings showing the position of the screws for their attachment.

Ø of rings depending on cone model

Cones	Size 1	Size 2	Size 3	Size 4	Size 5
M25	-	-	20 mm	16 mm	20 mm²
M40	32 mm	25 mm	-	16 mm	20 mm²

IP65-IP67 Junction boxes. Opaque lid

Ref. No.	Dimensions			Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH		M25	M40	kg	20	25	30	35	40
EP048	Ø84x50			With conical cable glands	4	-	0.1	1.6	2.0	2.4	2.9	3.3
EP088	95	95	52	With conical cable glands	7	-	0.1	1.6	2.0	2.4	2.9	3.3
EV111	121	121	68	With conical cable glands	7	-	0.2	2.7	3.4	4.0	4.7	5.4
EV161	133	180	80	With conical cable glands	6	4	0.3	3.8	4.7	5.7	6.6	7.6
EV171	167	191	100	With conical cable glands	6	4	0.4	6.0	7.5	9.0	10.5	12.1
EV231	197	260	100	With conical cable glands	4	6	0.5	8.6	10.8	13.0	15.1	17.3
EV322	253	342	132	With conical cable glands	-	12	0.9	15.7	19.6	23.6	27.5	31.4
EX088	89	89	52	Knock-out entries	7	-	0.1	1.6	2.0	2.4	2.9	3.3
EX111	113	113	68	Knock-out entries	7	-	0.1	2.7	3.4	4.0	4.7	5.4
EX161	121	166	80	Knock-out entries	6	4	0.2	3.8	4.7	5.7	6.6	7.6
EX171	155	179	100	Knock-out entries	6	4	0.3	6.0	7.5	9.0	10.5	12.1
EX231	185	246	100	Knock-out entries	4	6	0.5	8.6	10.8	13.0	15.1	17.3
EX322	243	333	132	Knock-out entries	-	12	1.0	15.7	19.6	23.6	27.5	31.4
EL111	113	113	68	Plain sides	-	-	0.1	2.7	3.4	4.0	4.7	5.4
EL161	121	166	80	Plain sides	-	-	0.2	3.8	4.7	5.7	6.6	7.6
EL171	155	179	100	Plain sides	-	-	0.3	6.0	7.5	9.0	10.5	12.1
EL231	185	246	100	Plain sides	-	-	0.5	8.6	10.8	13.0	15.1	17.3
EL322	243	333	132	Plain sides	-	-	1.0	15.7	19.6	23.6	27.5	31.4

HALOGEN-FREE PLASTIC MATERIALS

Base and lid: PS RAL 7035 Light Grey - Cones: PVC RAL 7035 Light Grey.
Surface boxes.
References EP048-EP088-EX088: IP54.
References EV: IP65.
References EX-EL: IP65-IP67.



EP048



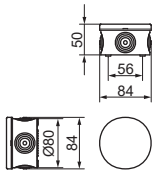
EP/EX088

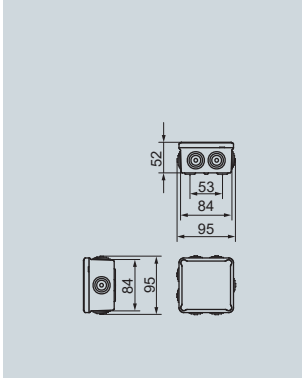


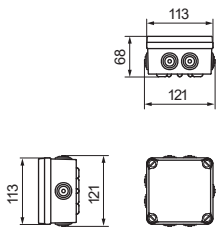
EV/EX/EL111

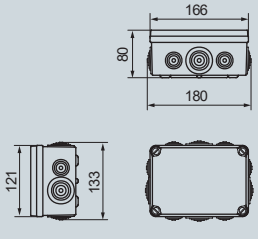


EV/EX/EL161









IP65-IP67 Junction boxes. Transparent lid

Ref. No.	Dimensions			Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH		M25	M40	kg	20	25	30	35	40
EVT171	167	191	100	With conical cable glands	6	4	0.4	6.0	7.5	9.0	10.5	12.1
EVT231	197	260	100	With conical cable glands	4	6	0.6	8.6	10.8	13.0	15.1	17.3
EVT322	253	342	132	With conical cable glands	-	12	1.0	15.7	19.6	23.6	27.5	31.4
EXT171	155	179	100	Knock-out entries	6	4	0.4	6.0	7.5	9.0	10.5	12.1
EXT231	185	246	100	Knock-out entries	4	6	0.5	8.6	10.8	13.0	15.1	17.3
EXT322	243	333	132	Knock-out entries	-	12	1.0	15.7	19.6	23.6	27.5	31.4
ELT171	155	179	100	Plain sides	-	-	0.4	6.0	7.5	9.0	10.5	12.1
ELT231	185	246	100	Plain sides	-	-	0.5	8.6	10.8	13.0	15.1	17.3
ELT322	243	333	132	Plain sides	-	-	1.0	15.7	19.6	23.6	27.5	31.4

HALOGEN-FREE PLASTIC MATERIALS

Base: PS RAL 7035 - Transparent lid: PC, tinted, with UV protection - Cones: PVC RAL 7035.

Surface boxes.

References EVT: IP65.

References EXT-ELT: IP65-IP67.



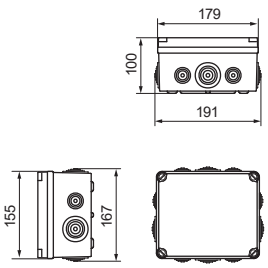
EV/EX/EL171
EVT/EXT/ELT/171

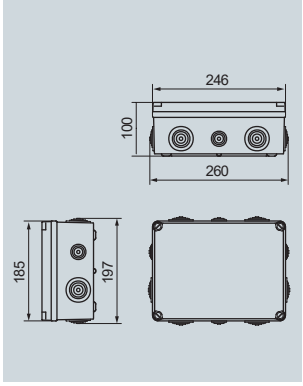


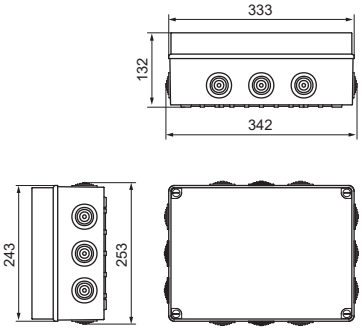
EV/EX/EL231
EVT/EXT/ELT231



EV/EX/EL322
EVT/EXT/ELT322







IP65-IP67 Junction boxes. Opaque lid. Motor-protection

Ref. No.	Dimensions			Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH		M25	M40	kg	20	25	30	35	40
GSV171	167	191	160	With conical cable glands	6	4	0.5	8.2	10.2	12.3	14.3	16.4
GSV231	197	260	180	With conical cable glands	4	6	0.7	12.4	15.4	18.5	21.6	24.7
GSV322	253	342	191	With conical cable glands	-	12	1.3	19.4	24.2	29.1	33.9	38.8
GSX171	155	179	160	Knock-out entries	6	4	0.4	8.2	10.2	12.3	14.3	16.4
GSX231	185	246	180	Knock-out entries	4	6	0.7	12.4	15.4	18.5	21.6	24.7
GSX322	243	333	191	Knock-out entries	-	12	1.3	19.4	24.2	29.1	33.9	38.8
GSL171	155	179	160	Plain sides	-	-	0.4	8.2	10.2	12.3	14.3	16.4
GSL231	185	246	180	Plain sides	-	-	0.7	12.4	15.4	18.5	21.6	24.7
GSL322	243	333	191	Plain sides	-	-	1.3	19.4	24.2	29.1	33.9	38.8

HALOGEN-FREE PLASTIC MATERIALS

Base and lid: PS RAL 7035 - Cones: PVC RAL 7035.

Surface boxes - High lid.

References GSV: IP65.

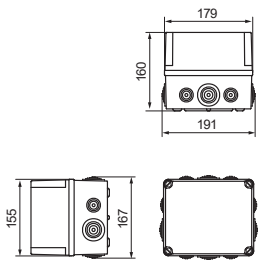
References GSX-GSL: IP65-IP67.



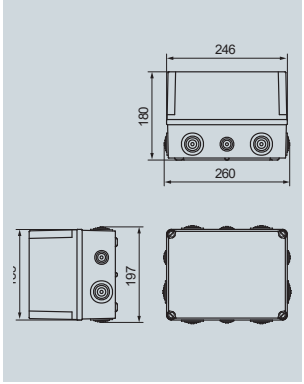




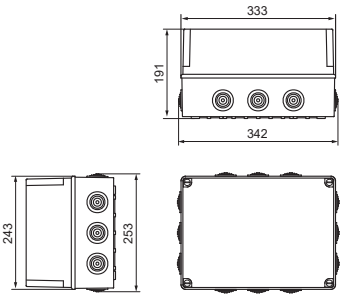
GSV/GSX/GSL171



GSV/GSX/GSL231



GSV/GSX/GSL322



IP 65 IP 67 CE

IP65-IP67 Junction boxes. Transparent lid. Motor-protection

Ref. No.	Dimensions			Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH		M25	M40	kg	20	25	30	35	40
GSVT171	167	191	160	With conical cable glands	6	4	0.5	8.2	10.2	12.3	14.3	16.4
GSVT231	197	260	180	With conical cable glands	4	6	0.8	12.4	15.4	18.5	21.6	24.7
GSVT322	253	342	191	With conical cable glands	-	12	1.3	19.4	24.2	29.1	33.9	38.8
GSXT171	155	179	160	Knock-out entries	6	4	0.5	8.2	10.2	12.3	14.3	16.4
GSXT231	185	246	180	Knock-out entries	4	6	0.7	12.4	15.4	18.5	21.6	24.7
GSXT322	243	333	191	Knock-out entries	-	12	1.4	19.4	24.2	29.1	33.9	38.8
GSLT171	155	179	160	Plain sides	-	-	0.5	8.2	10.2	12.3	14.3	16.4
GSLT231	185	246	180	Plain sides	-	-	0.7	12.4	15.4	18.5	21.6	24.7
GSLT322	243	333	191	Plain sides	-	-	1.4	19.4	24.2	29.1	33.9	38.8

HALOGEN-FREE PLASTIC MATERIALS

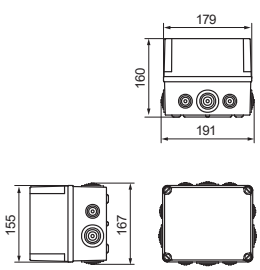
Base: PS RAL 7035 - Cones: PVC RAL 7035.
Transparent lid: PC, tinted, with UV protection.
Surface boxes - High lid.
References GSVT: IP65.
References GSXT-GSLT: IP65-IP67.



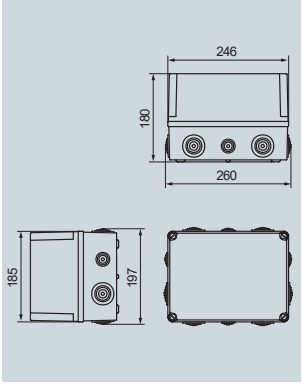




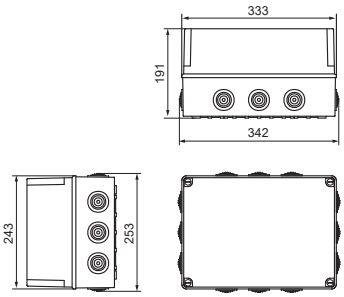
GSVT/GSXT/GSLT171



GSVT/GSXT/GSLT231



GSVT/GSXT/GSLT322



LIGHT

LIGHT

IP65-IP67 Junction boxes

Special assemblies



Empty boxes.



Boxes with assembled and wired power sockets.

How to proceed

1. SELECT THE BOX.

2. CHOOSE THE POWER SOCKETS.

3. SUBMIT ALL THE INFORMATION TO OUR TECHNICAL DEPARTMENT.

You can request a quotation and technical assessment at **export@ide.es**

Special assemblies can be supplied in any combination, with no minimum order quantity

Proposal of sockets for Light boxes

SCHUKO-TYPE FLUSH-FIT SOCKETS



Ref.	Poles	I	IP
00452	2P+E	16 A	54
00105	2P+E	16 A	67

IP44 FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
02301	2P+E	16 A	200/250 V
03302	3P+E	16 A	380/415 V
03303	3P+N+E	16 A	200/415 V
02304	2P+E	32 A	200/250 V
03305	3P+E	32 A	380/415 V
03306	3P+N+E	32 A	200/415 V

IP67 FLUSH-FIT SOCKETS



Ref.	Poles	I	Voltage
02801	2P+E	16 A	200/250 V
03802	3P+E	16 A	380/415 V
03803	3P+N+E	16 A	200/415 V
02804	2P+E	32 A	200/250 V
03805	3P+E	32 A	380/415 V
03806	3P+N+E	32 A	200/415 V

LIGHT Accessories

Mounting plates	Ref. No.
Metal plate for boxes Ref. 171	**92123**
Metal plate for boxes Ref. 231	**92125**
Low metal plate for boxes Ref. 322	**92127**
High metal plate for boxes Ref. 322	**92129**
Polyester plate for boxes Ref. 111	**92119**
Polyester plate for boxes Ref. 161	**92121**
Polyester plate for boxes Ref. 171	**92122**
Polyester plate for boxes Ref. 231	**92124**
Low polyester plate for boxes Ref. 322	**92126**
High polyester plate for boxes Ref. 322	**92128**

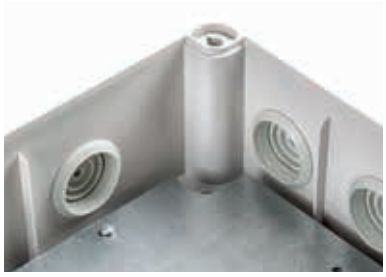
Conical glands	Pack	Ref. No.
25 diameter conical glands	50-piece bag	**22952**
25 HF* diameter conical glands	50-piece bag	**22953**
40 diameter conical glands	50-piece bag	**22962**
40 HF* diameter conical glands	50-piece bag	**22963**

* HF: Halogen-free conical glands.

Screws	Pack	Ref. No.
4x10 screw for installing plates and rails	50-piece bag	**22656**
Hermetic caps	40-piece bag	**22650**
1/4 turn screw (2 partially threaded screws + 2 threaded screws)	4-piece pack	**22217**
1/4 turn screw for 322-type boxes	10-piece bag	**22219**

Rails	Pack	Ref. No.
Rail 87 mm for 111 boxes	10-piece bag	**22091**
Rail 137 mm for 161-171 boxes	10-piece bag	**22713**
Rail 159 mm for 231 boxes	10-piece bag	**22090**
Rail 207 mm for 231-322 boxes	10-piece bag	**22092**
Rail 271 mm for 322 boxes	10-piece bag	**22714**

Fitting high plates





- Metal and polyester high plates for boxes and motor housings (type 322).
- The high plates allow for a space of 14 mm between the plate and the base.
- To be installed it is necessary to request the 4x10 screws. Ref. 22656.

Fitting low plates





- Metal and polyester low plates for boxes and motor housings (type 322).
- Low plates help take full advantage of the depth of the box.
- To be installed it is necessary to request the 4x10 screws. Ref.22656.

Hinges





Reference No.	Description	Pack
22050	Hinge	6-piece bag

MATERIAL: Polyamide 6.
CHARACTERISTICS: Presents marking grooves to facilitate screw placement. When placing the hinge it is necessary to cut the screw with arrow. Degree of protection IP65.
SUPPLY: Bag of 6 pieces + screws.

Wall-support



Reference No.	Description	Pack
22060	Wall-support	4-piece bag

MATERIAL: Polystyrene.
CHARACTERISTICS: Allows the box to be fixed to the wall from the outside. Includes the necessary screws for installation. Possibility of horizontal or vertical installation.
SUPPLY: Pack of 4 pieces +screws.





Plastic boxes and metal cabinets for tertiary and residential sectors

TERTIARY ENCLOSURES

Tertiary sector:
SMALL DISTRIBUTION BOXES
GOLD-P (Plastic)
GOLD-M (Metallic)
GOLD-MM (Multimedia)
ATLANTIC
ATLANTIC PLUS

Residential sector:
DIAMANT
DOMOS-K
DOMOS
VERDI
AMERICAN

SMALL DISTRIBUTION BOXES



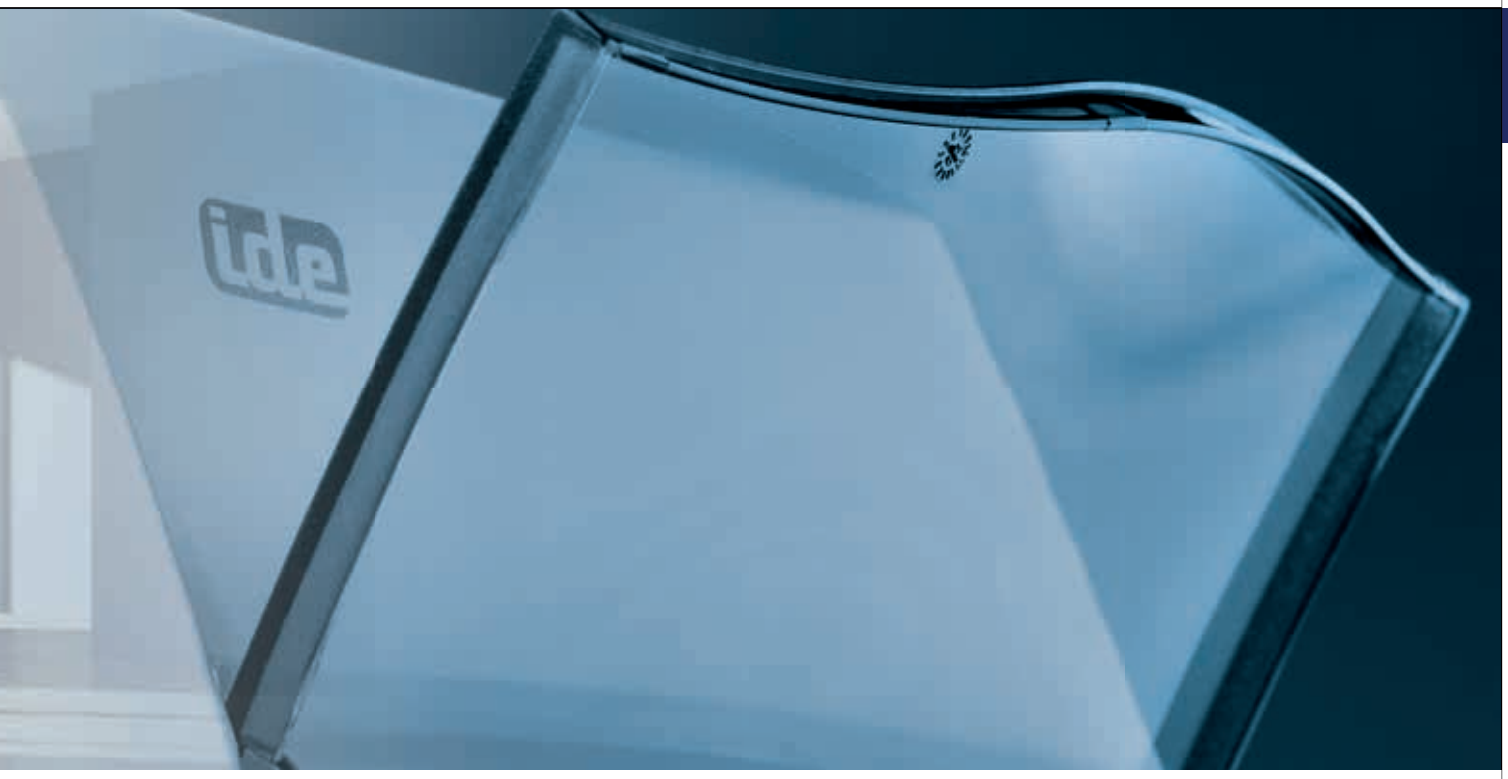


Small distribution boxes

Surface and flush-mounted distribution boxes, with a modular capacity of 2, 4 and 8 modules, to meet the needs of small installations where a large capacity is not required, or as a solution to protect larger panels.

Manufactured with halogen-free plastic materials, they are especially intended for the tertiary and residential sector.

IP 20 IP 40 IP 65 CE



Technical characteristics

- **Degree of protection:**
  BT2-BT4: IP20.
  BM-BV: IP40.
  CDN4G-CDN4G/R: IP65.
- **Resistance to impact:** IK08.
- **Glow wire resistance:** 650 ºC.
- **Ambient temperature range:** -25 ºC / +40 ºC.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

Certificacions

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

Perfect for small installations where a large capacity is not required

SMALL DISTRIBUTION BOXES

Distribution boxes

IP65 Distribution boxes. Surface

Reference	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
CDN4G	1x4 DIN rail	177	102	105	0.3	5.0	6.2	7.5	8.7	10.0
CDN4G/R	1x4 DIN rail	177	102	105	0.5	5.0	6.2	7.5	8.7	10.0

/R: With busbar PE or neutral.

IP20 Terminal boxes. Surface

Reference	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
BT2	1x2 DIN rail	130	50	64	0.1	2.0	2.5	3.0	3.5	4.0
BT4	1x4 DIN rail	130	85	64	0.1	2.7	3.3	4.0	4.7	5.3

HALOGEN-FREE PLASTIC MATERIALS

CDN4G - CDN4G/R: Frame and base in ABS RAL 7035 Light Grey. Transparent PC tinted window, with UV protection.

BT2 - BT4: Frame and base in PS RAL 9003 Signal White.



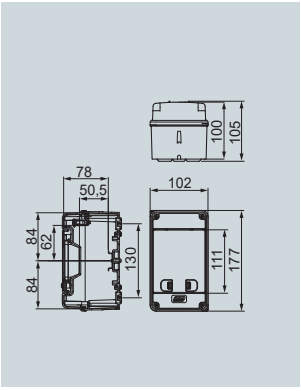
1x4 modules
CDN4G

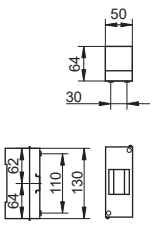
TOP: 1xM25

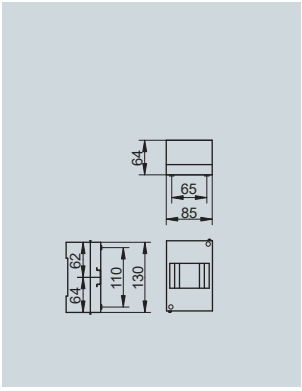


1x2 modules
BT2

1x4 modules
BT4







IP40 Distribution boxes. Surface

Reference	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)				
		HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
BV4PT	1x4 DIN rail	228	120	99	0.4	6.7	8.4	10.0	11.7	13.4
BV8PT	1x8 DIN rail	228	191	99	0.6	9.0	11.2	13.4	15.7	17.9
BV4PT/RR	1x4 DIN rail	228	120	99	0.5	6.7	8.4	10.0	11.7	13.4
BV8PT/RR	1x8 DIN rail	228	191	99	0.7	9.0	11.2	13.4	15.7	17.9

IP40 Distribution boxes. Flush-fit

Reference	No. of modules	External dimensions	Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
TRANSP. DOOR		HEIGHTXWIDTHXDEPTH	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
BM4PT	1x4 DIN rail	228x120x97	228	120	65	0.4	4.1	5.1	6.2	7.2	8.2
BM8PT	1x8 DIN rail	248x210x97	228	190	65	0.6	5.9	7.4	8.8	10.3	11.8
BM4PT/RR	1x4 DIN rail	228x120x97	228	120	65	0.5	4.1	5.1	6.2	7.2	8.2
BM8PT/RR	1x8 DIN rail	248x210x97	228	190	65	0.7	5.9	7.4	8.8	10.3	11.8

HALOGEN-FREE PLASTIC MATERIALS

Frame and door in PS RAL 9003 Signal White.

Transparent door in tinted PC.

Base of the surface boxes in PS RAL 9003 Signal White.

Base of the flush-fit boxes in PS.

/RR: With neutral and earth bars.



1x4 modules
BV4PO

TOP: 3xM25/32
BOTTOM: 3xM25/32
LEFT: 1xM25/32
RIGHT: 1xM25/32



1x8 modules
BV8PO

TOP: 4xM25-3xM25/32
BOTTOM: 4xM25-3xM25/32
LEFT: 1xM25/32
RIGHT: 1xM25/32



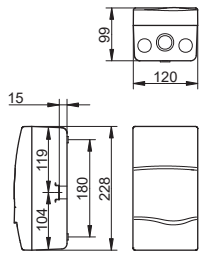
1x4 modules
BM4PO

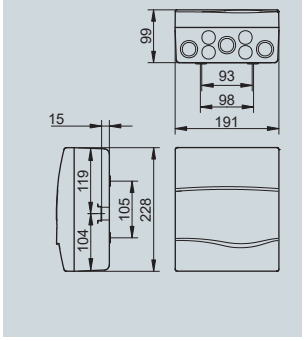
TOP: 2xM25-1xM25/32
BOTTOM: 2xM25-1xM25/32
LEFT: 2xM25
RIGHT: 2xM25

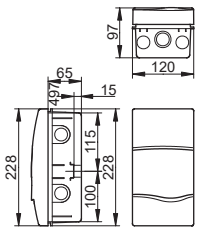


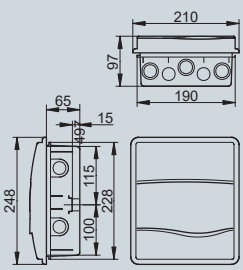
1x8 modules
BM8PO

TOP: 2xM25-3xM25/32
BOTTOM: 2xM25-3xM25/32
LEFT: 2xM25
RIGHT: 2xM25









GOLD-P





IP40 Plastic distribution boxes

The IP40 distribution boxes from the Gold-P series are specially designed to be installed in establishments in the tertiary and residential sectors. They have been designed strictly in line with technical and quality standards to offer the installer maximum versatility and ease of assembly and installation.

Available for fl ush or surface mounting, they have a capacity for 12 to 54 modules. The flushmounted version can be installed in prefabricated walls (plasterboard, wood, chipboard, etc.) and in brick walls.

An attractive design that adapts perfectly to any type of environment, blending perfectly with the decor in establishments, offi ces, shops, hotels, detached residences, etc.



GOLD-P Technical details

- **Protection rating:** IP40.
- **Resistance to impact:** IK08.
- **Glow wire resistance:**
  Flush-fit (Hollow walls): 850 °C.
  Flush-fit (conventional walls): 650 °C.
  Surface: 650 °C.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum operating voltage:** 1000 V AC / 1500 V DC.
- **Double insulation:**
  Class II.
  Class I strengthened surface.

GOLD-P Certifications

Compliant with the low voltage directive 2014/35/EU.
Standards: EN-IEC 60670-1-24 e IEC-EN 62208.

Surface and flush-fit distribution boxes, both in brick walls and in hollow walls

GOLD-P

IP40 Plastic distribution boxes



Product range (Surface)

- Surface-mounted boxes with 12, 18, 24, 36 and 54 modules of capacity.
- Available with white or transparent door.

Materials

- Halogen-free plastic materials.
- Base, frame and door in ABS, RAL 9003 Signal White.
- Transparent door in tinted grey PC with UV protection.

Supply

Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film. Supplied with all the elements assembled, except for the elements supplied in the accessory bag.

Standard accessory bag for surface-mounted boxes:

- Screws for frame-base closure.
- Door hinges.
- Cover for white modules (6 modules).
- Hermetic caps.
- Level.
- Module identification strips.

Avantgarde exclusive design compliant with the maximum technical and quality standards for installation in detached residences, shops and offices



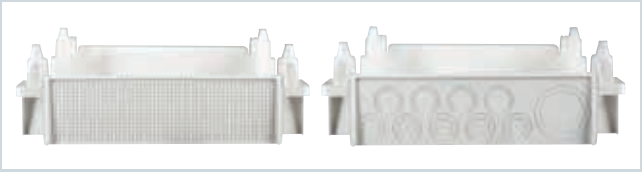
Frame



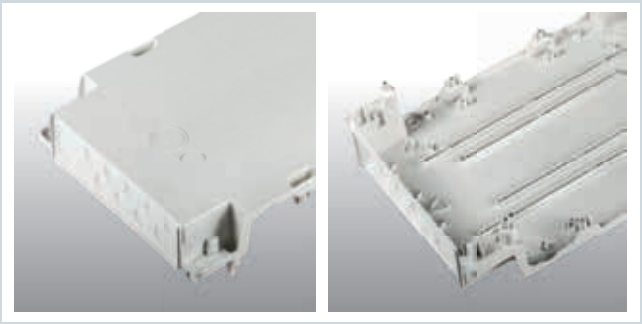
- The functional design of the casings of the surface boxes guarantees a quick and precise assembly.
- The side walls have grooves for sliding and fi tting the frame on the base of the casing, in addition to pre-marked round and square holes for the easy insertion of cables.
- The front has a space for attaching a module identifi cation label, and four covered module spaces, with pre-marked covers, for the easy assembly of different confi gurations of circuit breakers.

Base and cable entry

- Manufactured in ABS RAL 9003 Signal white.
- The upper side has horizontal and vertical marks every 4 mm which enable the installer to cut the cable entry holes as required.
- The lower side has cut-outs for inserting the M16, M20, M25 and M50 holes.
- The recesses on the ends of the sides allow cables 27 mm in diameter to be passed through.
- The 24, 36 and 54 module casings, in the central part, guarantee the entrance of tubes up to 60x30 mm.
- The cut-outs in the bottom of the base provide access to M25, M32 and M40 tubes, and the double grooves permit the insertion of self-tapping screws with a diameter of 3.6 mm for increased versatility when confi guring the interior of the casing.
- All the bases are reversible, such that the installer can select the direction of the cable inputs according to installation requirements.



UPPER LOWER



Frame-base closure

- The joint between the frame and the base is closed using captive screws, the screw always stays in the housing, and does not fall out during handling and installation.
- These screws are covered with caps to offer a highly attractive look. The caps have a tab for easy extraction if it is necessary to remove the front once the casing has been installed.



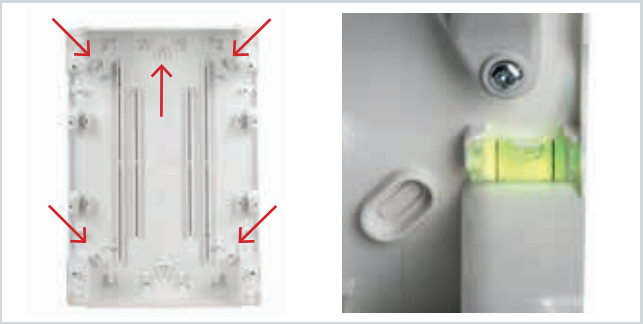


GOLD-P

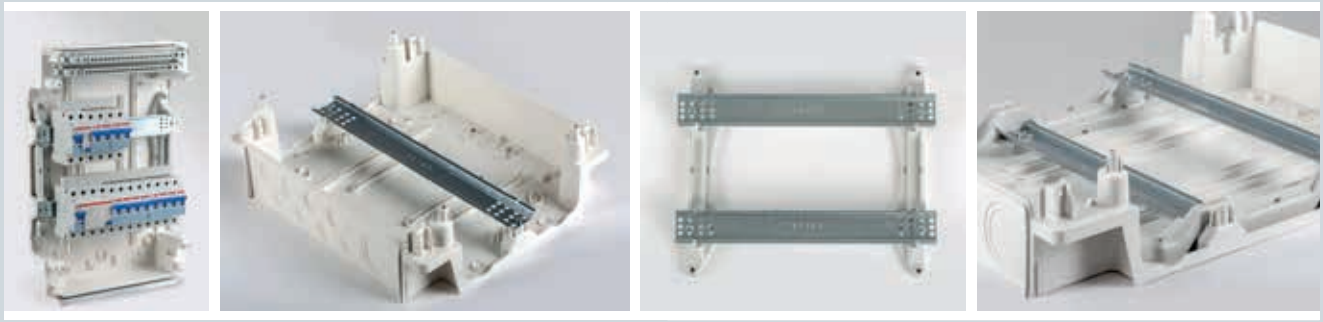
IP40 Plastic distribution boxes

Wall mounting (Surface)

- There are two options for mounting the casings on the wall:
- Through the four cut-outs, located at the bottom of the base, permitting the position to be adjusted, and securely fastening the casing to the wall.
- Through a central triangular cut-out, such that the casing is suspended at only one point.
- For a perfect installation, an interior housing for inserting a level supplied as an accessory is located in the base.



Attachment of DIN rail and frames



- The casings with two or more rows (24 and 36 modules) are supplied with a removable frame and with the rails mounted.
- In casings with one row (12 and 18 modules), the rail is directly fastened to the base of the casing and is supplied already mounted.
- For the 24, 36 and 54 module casings, there are two options for attaching the rail, directly over the base of the casing or using a removable frame.
- The removable frame allows the complete assembly to be conveniently put together at the work bench and subsequently transported to the casing for the fi nal assembly.
- The geometry of the bases allows the frame to be attached easily and precisely without the need for additional markers. The frame is attached to the casing with four screws located at the ends.
- The rails fastened to the base and the rails fastened to the frame can be positioned at two different heights, permitting the use of different sizes of circuit breaker.
- The space available for the cables to pass through when the rail is in the lower position is 10 mm, and in the upper position it is 30 mm.
- The distance between rails is 125 mm.

Doors and locks

- Available with white or transparent door. White doors manufactured in ABS RAL 9003 Signal White, and transparent doors in tinted grey PC with UV protection.
- All the doors are reversible, opening 180º.
- They are quick and easy to mount, thanks to the innovative design of the hinge. Can be assembled without tools with a simple vertical rotation.
- Closing of doors using a clip system. The longitudinal and transversal ribs along the surface of the doors provide rigidity, resulting in the perfect opening and closing of the doors.
- Option to mount lock and key, supplied as accessory.

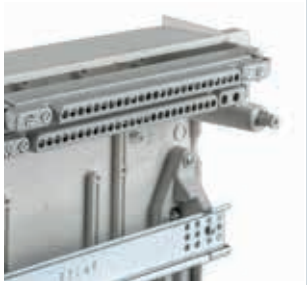





Attachment of neutral and earth bars

- The RR (screw-mounted bars) and the RA (push-in bars references are supplied with the neutral and earth bars already mounted.
- The bar-holder support is attached by a clip system for quick and safe installation.
- Different types of bars, with screw or push-in mounting, can be mounted on the support.
- The bars can be mounted on either the upper or lower section of the casing. In addition, in the 24, 36 and 54 module boxes, installation is possible at two heights (upper and lower).
- The bar terminal identifi ers are directly engraved onto the support. Therefore labels are not required for the identification.



Accessories

- **Lock and key:** option to install lock and key. The doors have a pre-marked housing to facilitate the installation.
- **Level:** the bases have an inner and an outer housing to place a level to ensure the perfect vertical positioning of the enclosure. This level is supplied with the enclosure; it is also available as an accessory (reference 22073).




GOLD-P

IP40 Plastic distribution boxes

IP40 Plastic distribution boxes. Surface

Reference		Nº. of modules	Dimensiones Exteriores			Weight	Power dissipation by temperature increases ºC P (W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	kg	20	25	30	35	40
GPS12PO	**GPS12PT**	1x12 DIN Rail	254	285	118	1.2	14.2	17.7	21.2	24.8	28.3
GPS18PO	**GPS18PT**	1x18 DIN Rail	254	393	118	1.5	18.1	22.6	27.1	31.7	36.2
GPS24PO	**GPS24PT**	2x12 (24) DIN Rail	419	285	118	1.9	21.2	26.5	31.8	37.1	42.4
GPS36PO2F	**GPS36PT2F**	2x18 (36) DIN Rail	419	393	118	2.5	26.6	33.3	40.0	46.6	53.3
GPS36PO3F	**GPS36PT3F**	3x12 (36) DIN Rail	544	285	118	2.5	26.6	33.2	39.8	46.5	53.1
GPS54PO	**GPS54PT**	3x18 (54) DIN Rail	544	393	118	3.1	33.3	41.6	49.9	58.2	66.5

HALOGEN-FREE PLASTIC MATERIALS

Base, frame and door in ABS, RAL 9003 Signal White.

Transparent door in tinted PC.

PO: White door. PT: Transparent door.

IP40 - Surface.



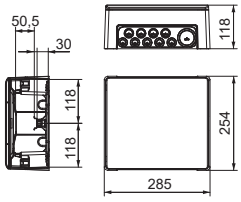
1x12 modules
GPS12PO - GPS12PT

PREMOULDED HOLES:

LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16

REAR: 2xM40/M32 - 4xM25

LEFT and RIGHT: 2xØ27





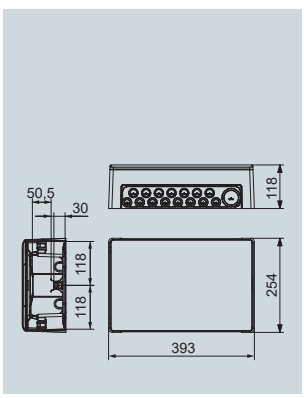
1x18 modules
GPS18PO - GPS18PT

PREMOULDED HOLES:

LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16

REAR: 2xM40/M32 - 4xM25

LEFT and RIGHT: 2xØ27





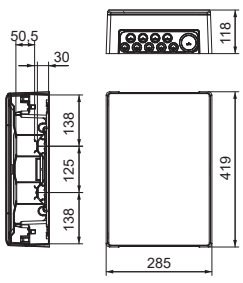
2x12 (24) modules
GPS24PO - GPS24PT

PREMOULDED HOLES:

LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16

REAR: 2xM40/M32 - 4xM25

LEFT and RIGHT: 2xØ27 - 1x(60x32)





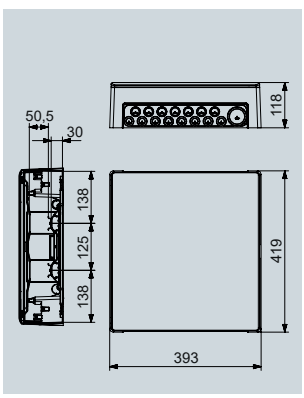
2x18 (36 modules)
GPS36PO2F - GPS36PT2F

PREMOULDED HOLES:

LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16

REAR: 2xM40/M32 4xM25

LEFT and RIGHT: 2xØ27



IP40 Plastic distribution boxes. Surface. With screw-in neutral and earth bars

Reference		Nº. of modules	Dimensiones Exteriores			Weight	Power dissipation by temperature increases ºC P (W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	kg	20	25	30	35	40
GPS12PO/RR	**GPS12PT/RR**	1x12 DIN Rail	254	285	118	1.4	14.2	17.7	21.2	24.8	28.3
GPS18PO/RR	**GPS18PT/RR**	1x18 DIN Rail	254	393	118	1.7	18.1	22.6	27.1	31.7	36.2
GPS24PO/RR	**GPS24PT/RR**	2x12 (24) DIN Rail	419	285	118	2.2	21.2	26.5	31.8	37.1	42.4
GPS36PO2F/RR	**GPS36PT2F/RR**	2x18 (36) DIN Rail	419	393	118	2.8	26.6	33.3	40.0	46.6	53.3
GPS36PO3F/RR	**GPS36PT3F/RR**	3x12 (36) DIN Rail	544	285	118	2.8	26.6	33.2	39.8	46.5	53.1
GPS54PO/RR	**GPS54PT/RR**	3x18 (54) DIN Rail	544	393	118	3.5	33.3	41.6	49.9	58.2	66.5

IP40 Plastic distribution boxes. Surface. With push-in neutral and earth bars

Reference		Nº. of modules	Dimensiones Exteriores			Weight	Power dissipation by temperature increases ºC P (W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	kg	20	25	30	35	40
GPS12PO/RA	**GPS12PT/RA**	1x12 DIN Rail	254	285	118	1.3	14.2	17.7	21.2	24.8	28.3
GPS18PO/RA	**GPS18PT/RA**	1x18 DIN Rail	254	393	118	1.6	18.1	22.6	27.1	31.7	36.2
GPS24PO/RA	**GPS24PT/RA**	2x12 (24) DIN Rail	419	285	118	2.1	21.2	26.5	31.8	37.1	42.4
GPS36PO2F/RA	**GPS36PT2F/RA**	2x18 (36) DIN Rail	419	393	118	2.7	26.6	33.3	40.0	46.6	53.3
GPS36PO3F/RA	**GPS36PT3F/RA**	3x12 (36) DIN Rail	544	285	118	2.7	26.6	33.2	39.8	46.5	53.1
GPS54PO/RA	**GPS54PT/RA**	3x18 (54) DIN Rail	544	393	118	3.2	33.3	41.6	49.9	58.2	66.5

HALOGEN-FREE PLASTIC MATERIALS
Base, frame and door in ABS, RAL 9003 Signal White.
Transparent door in tinted PC.
IP40 - Surface.

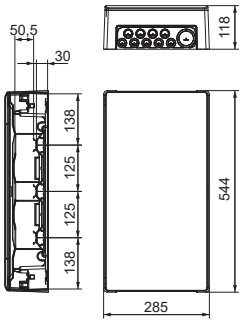
/RR: With screw-mounted neutral and earth bars.
/RA: With push-in neutral and earth bars.
PO: White door. PT: Transparent door.





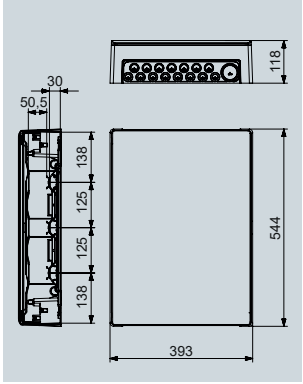
3x12 (36) modules GPS36PO3F - GPS36PT3F

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 4xM25
LEFT and RIGHT: 2xØ27



3x18 (54) modules GPS54PO - GPS54PT

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16
REAR: 2xM40/M32 4xM25
LEFT and RIGHT: 2xØ27



GOLD-P

IP40 Plastic distribution boxes



Product range (Flush-fit)

- Modular capacity of 12, 18, 24, 36 y 54 modules.
- Flush-fit boxes:
  - Brick walls: boxes GPE.
  - Hollow walls: boxes GPE/PH.
- Available with white or transparent door.

Materials

- Halogen-free plastic materials.
- Flush-fi t bases:
  - Brick walls: Grey 650 ºC PS RAL 7035.
  - Hollow walls: Grey 850 ºC ABS RAL 7035.
- Frame and door: White ABS RAL 9003 Signal White.
- Transparent door: Tinted grey PC with UV protection.

Supply

Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film. Supplied with all the elements assembled, except for the elements supplied in the accessory bag.

Accessories bag:

- Screws for frame-base closure.
- Hollow wall assembly kit (Only in GPE/PH type boxes).
- Door hinges.
- Cover for white modules (6 modules).
- Level.
- Module identifi cation strips.

Intended for the tertiary and residential sector, apartments, hotels and offices, requiring an exclusive and avantgarde design



Frame

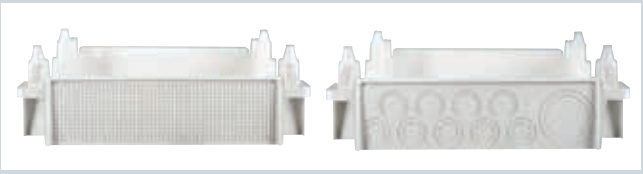




- The functional design of the casings of the flush-mounted boxes guarantees a quick and precise assembly.
- The joint between the frame and base is closed using four selftapping screws.
- The front has a space for attaching a module identifi cation label, and four covered module spaces, with pre-marked covers, for the easy assembly of different confi gurations of circuit breakers.

Base and cable entry

- Manufactured in PS 650 °C for conventional walls and in ABS 850 °C for hollow walls; ABS 850 °C for hollow walls; colour RAL 7035 Light Grey.
- The upper side has horizontal and vertical marks every 4 mm which enable the installer to cut the cable entry holes as required. In the upper section, the row of T-shaped fastenings allows the cables to be fastened to the casing using cable ties.
- The lower side has cut-outs for inserting the M16, M20, M25 and M50 holes.
- The pre-marked points on the sides facilitate the making of holes, of up to 32 mm in diameter, using a holesaw.
- The cut-outs in the bottom of the base provide access to M25, M32 and M40 tubes, and the double grooves permit the insertion of self-tapping screws with a diameter of 3.6 mm for increased versatility when confi guring the interior of the casing.



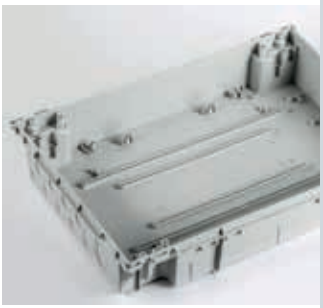
UPPER LOWER

- There are four bolting points at the rear of the base for the installation of metal plates to protect the casing after it has been mounted on the wall.
- All the bases are reversible, such that the installer can select the direction of the cable inputs according to installation requirements.









Frame-base closure

- The joint between the frame and the base is closed using captive screws, the screw always stays in the housing, and does not fall out during handling and installation.
- These screws are covered with caps to offer a highly attractive look. The caps have a tab for easy extraction if it is necessary to remove the front once the casing has been installed.





GOLD-P

IP40 Plastic distribution boxes

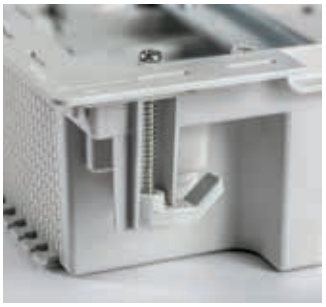
Wall mounting (Flush-fit)



BRICK WALLS



HOLLOW WALLS





- For the flush-mounting in brick walls, the base has a perimeter wing to facilitate assembly and ensure the correct position on the wall.
- For the flush-mounting in plasterboard hollow walls, the base has wings on the corners which, together with the assembly kit, make it possible to mount it on a hollow wall.
- The assembly kit contains metal screws with a diameter of 3.5 mm, and a plastic elevation piece, supplied already mounted on the casing. This system is used for wall thicknesses between 7 and 34 mm.
- For a perfect fl ush mounting, the bases have an interior and an exterior housing for the insertion of a level, supplied as an accessory.

Attachment of DIN rail and frames









- The casings with two or more rows (24, 36 and 54 modules) are supplied with a removable frame and with the rails mounted
- In casings with one row (12 and 18 modules), the rail is directly fastened to the base of the casing and is supplied already mounted.
- For the 24, 36 and 54 module casings, there are two options for attaching the rail, directly over the base of the casing or using a removable frame.
- The removable frame allows the complete assembly to be conveniently put together at the work bench and subsequently transported to the casing for the fi nal assembly.
- The geometry of the bases allows the frame to be attached easily and precisely without the need for additional markers. The frame is attached to the casing with four screws located at the ends.
- For flush-mounted bases, the rails can only be mounted in the lower position of the frame.
- The space available for the cables to pass through is 10 mm and the distance between rails is 125 mm.

Connection of casings

- Possible to connect horizontally or vertically.
- For the vertical connection, the casings with 12, 24 and 36 modules can be linked together in any combination, while the 18 and 54 module casings can only be linked together vertically among themselves.
- The linking piece, supplied as an accessory, is pressure-fi tted onto the casing, without the need to use tools during the assembly.
- The distance between casings once they have been connected and mounted is 1.8 mm.



Doors and closures

- Availability of white and transparent doors. White doors manufactured in ABS RAL 9003 Signal White, and transparent doors in tinted grey PC with UV protection.
- All the doors are reversible, opening 180º.
- They are quick and easy to mount, thanks to the innovative design of the hinge. Can be assembled without tools with a simple vertical rotation.
- Closing of doors using a clip system. The longitudinal and transversal ribs along the surface of the doors provide rigidity, resulting in the perfect opening and closing of the doors.
- Option to mount lock and key, supplied as accessory.

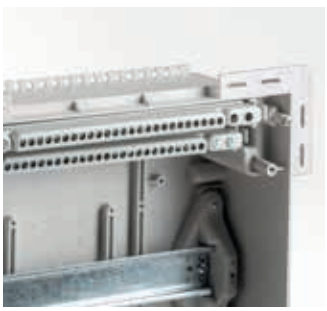





Attachment of neutral and earth bars

- All the /RR (screw-mounted bars) and /RA (push-in bars) references are supplied with the neutral and earth bars already mounted.
- The bar-holder support is attached by a clip system for quick and safe installation.
- Different types of bars, with screw or push-in mounting, can be mounted on the support.
- The bars can be mounted on either the upper or lower section of the casing. In addition, in the 24, 36 and 54 module boxes, installation is possible at two heights (upper and lower).
- The bar terminal identifiers are directly engraved onto the support. Therefore labels are not required for the identification.



Accessories

- **Lock and key:** option to install lock and key. The doors have a pre-marked housing to facilitate the installation.
- **Level:** the bases have an inner and an outer housing the bases have an interior and an exterior housing for the insertion of a level to ensure the perfect vertical positioning of the enclosure. This level is supplied with the enclosure; it is also available as an accessory (reference 22073).
- **Linking piece:** the flush-mounted casings can be connected vertically or horizontally using the linking piece supplied as an accessory.




GOLD-P

IP40 Plastic distribution boxes

IP40 Plastic distribution boxes. Flush-fit brick walls

Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P(W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO	**GPE12PT**	1x12 DIN Rail	284	316	97	256	288	74	1.1	12.2	15.3	18.4	21.4	24.5
GPE18PO	**GPE18PT**	1x18 DIN Rail	284	424	97	256	396	74	1.4	15.8	19.7	23.7	27.6	31.5
GPE24PO	**GPE24PT**	2x12 (24) DIN Rail	449	316	97	421	288	74	1.8	18.5	23.1	27.7	32.3	37.0
GPE36PO3F	**GPE36PT3F**	3x12 (36) DIN Rail	574	316	97	546	288	74	2.3	23.2	29.0	34.8	40.6	46.4
GPE54PO	**GPE54PT**	3x18 (54) DIN Rail	574	424	97	546	396	74	2.9	26.8	33.5	40.2	46.9	53.6

HALOGEN-FREE PLASTIC MATERIALS
Frame and door in ABS, RAL 9003 Signal White.
Transparent door in tinted PC.
Base in PS, RAL 7035 Light Grey.
Glow wire resistance: 650 ºC.
Includes protective cardboard cover for flush-fit mounting.
PO: White door. PT: Transparent door.
IP40 - Flush-fit in brick walls.



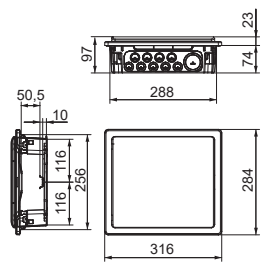






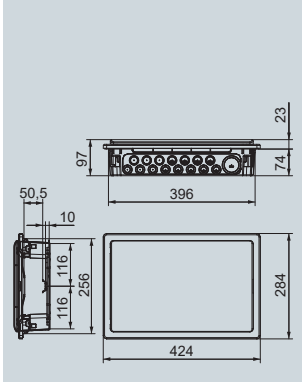
1x12 modules
GPE12PO - GPE12PT

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32



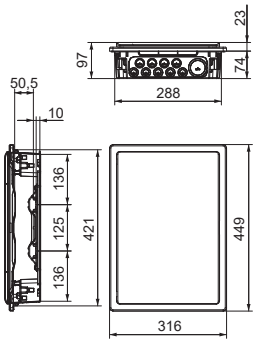
1x18 modules
GPE18PO - GPE18PT

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32



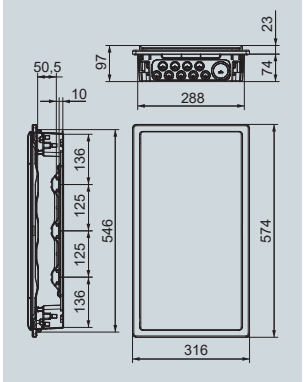
2x12 (24) modules
GPE24PO - GPE24PT

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 3xØ32



3x12 (36) modules
GPE36PO3F - GPE36PT3F

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 4xØ32



IP40 Plastic distribution boxes. Flush-fit brick walls
With screw-in neutral and earth bars

Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P (W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO/RR	**GPE12PT/RR**	1x12 DIN Rail	284	316	97	256	288	74	1.3	12.2	15.3	18.4	21.4	24.5
GPE18PO/RR	**GPE18PT/RR**	1x18 DIN Rail	284	424	97	256	396	74	1.7	15.8	19.7	23.7	27.6	31.5
GPE24PO/RR	**GPE24PT/RR**	2x12 (24) DIN Rail	449	316	97	421	288	74	2.1	18.5	23.1	27.7	32.3	37.0
GPE36PO3F/RR	**GPE36PT3F/RR**	3x12 (36) DIN Rail	574	316	97	546	288	74	2.7	23.2	29.0	34.8	40.6	46.4
GPE54PO/RR	**GPE54PT/RR**	3x18 (54) DIN Rail	574	424	97	546	396	74	3.4	26.8	33.5	40.2	46.9	53.6

IP40 Plastic distribution boxes. Flush-fit brick walls
With push-in neutral and earth bars

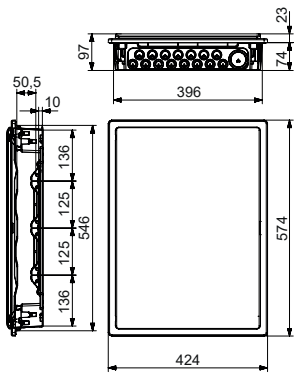
Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P (W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO/RA	**GPE12PT/RA**	1x12 DIN Rail	284	316	97	256	288	74	1.2	12.2	15.3	18.4	21.4	24.5
GPE18PO/RA	**GPE18PT/RA**	1x18 DIN Rail	284	424	97	256	396	74	1.6	15.8	19.7	23.7	27.6	31.5
GPE24PO/RA	**GPE24PT/RA**	2x12 (24) DIN Rail	449	316	97	421	288	74	2.0	18.5	23.1	27.7	32.3	37.0
GPE36PO3F/RA	**GPE36PT3F/RA**	3x12 (36) DIN Rail	574	316	97	546	288	74	2.6	23.2	29.0	34.8	40.6	46.4
GPE54PO/RA	**GPE54PT/RA**	3x18 (54) DIN Rail	574	424	97	546	396	74	3.1	26.8	33.5	40.2	46.9	53.6

HALOGEN-FREE PLASTIC MATERIALS
Frame and door in ABS, RAL 9003 Signal White.
Transparent door in tinted PC.
Base in PS, RAL 7035 Light Grey.
Glow wire resistance: 650 ºC.
Includes protective cardboard cover for flush-fit mounting.
IP40 - Flush-fit in brick walls.

/RR: With screw-mounted neutral and earth bars.
/RA: With push-in neutral and earth bars.
PO: White door. PT: Transparent door.

3x18 (54) modules
GPE54PO - GPE54PT

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32





GOLD-P

IP40 Plastic distribution boxes

IP40 Plastic distribution boxes. Flush-fit hollow walls

Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P(W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO/PH	**GPE12PT/PH**	1x12 DIN Rail	284	316	97	256	288	72	1.2	12.2	15.3	18.4	21.4	24.5
GPE18PO/PH	**GPE18PT/PH**	1x18 DIN Rail	284	424	97	256	396	72	1.6	15.8	19.7	23.7	27.6	31.5
GPE24PO/PH	**GPE24PT/PH**	2x12 (24) DIN Rail	449	316	97	421	288	72	1.9	18.5	23.1	27.7	32.3	37.0
GPE36PO3F/PH	**GPE36PT3F/PH**	3x12 (36) DIN Rail	574	316	97	546	288	72	2.5	23.2	29.0	34.8	40.6	46.4
GPE54PO/PH	**GPE54PT/PH**	3x18 (54) DIN Rail	574	424	97	546	396	72	3.0	26.8	33.5	40.2	46.9	53.6

HALOGEN-FREE PLASTIC MATERIALS

Frame and door in ABS, RAL 9003 Signal White.
Transparent door in tinted PC.
Base in ABS, RAL 7035 Light Grey.
Glow wire resistance on base of 850 ºC.
PO: White door. PT: Transparent door.
IP40 - Flush-fit in hollow walls.



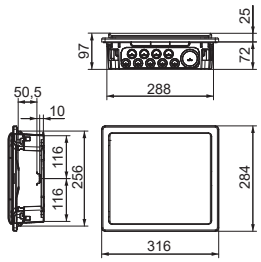






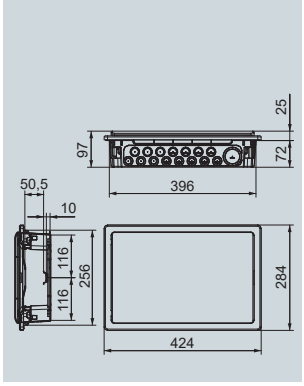
1x12 modules
GPE12PO/PH - GPE12PT/PH

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32



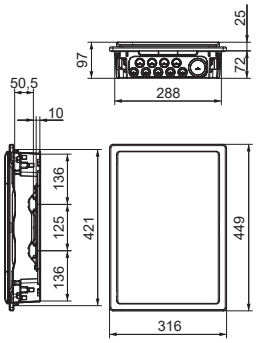
1x18 modules
GPE18PO/PH - GPE18PT/PH

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32



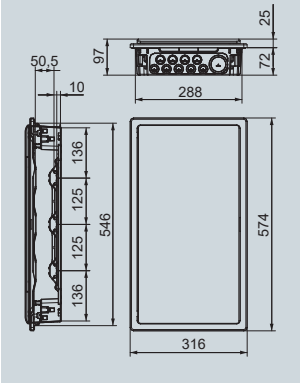
2x12 (24) modules
GPE24PO/PH - GPE24PT/PH

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 3xØ32



3x12 (36) modules
GPE36PO3F/PH-GPE36PT3F/PH

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 4xM25/M20 - 5xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 4xØ32



IP40 Plastic distribution boxes. Flush-fit hollow walls
With screw-in neutral and earth bars

Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P(W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO/PH/RR	**GPE12PT/PH/RR**	1x12 DIN Rail	284	316	97	256	288	72	1.4	12.2	15.3	18.4	21.4	24.5
GPE18PO/PH/RR	**GPE18PT/PH/RR**	1x18 DIN Rail	284	424	97	256	396	72	1.9	15.8	19.7	23.7	27.6	31.5
GPE24PO/PH/RR	**GPE24PT/PH/RR**	2x12 (24) DIN Rail	449	316	97	421	288	72	2.2	18.5	23.1	27.7	32.3	37.0
GPE36PO3F/PH/RR	**GPE36PT3F/PH/RR**	3x12 (36) DIN Rail	574	316	97	546	288	72	2.8	23.2	29.0	34.8	40.6	46.4
GPE54PO/PH/RR	**GPE54PT/PH/RR**	3x18 (54) DIN Rail	574	424	97	546	396	72	3.5	26.8	33.5	40.2	46.9	53.6

IP40 Plastic distribution boxes. Flush-fit hollow walls
With push-in neutral and earth bars

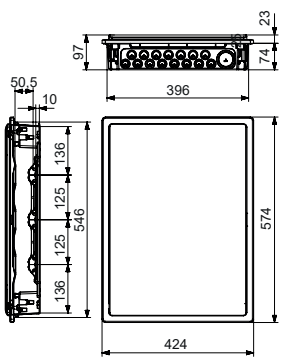
Reference		Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increases ºC P(W)				
WHITE DOOR	TRANSP. DOOR		H	W	D	H	W	D	kg	20	25	30	35	40
GPE12PO/PH/RA	**GPE12PT/PH/RA**	1x12 DIN Rail	284	316	97	256	288	72	1.3	12.2	15.3	18.4	21.4	24.5
GPE18PO/PH/RA	**GPE18PT/PH/RA**	1x18 DIN Rail	284	424	97	256	396	72	1.8	15.8	19.7	23.7	27.6	31.5
GPE24PO/PH/RA	**GPE24PT/PH/RA**	2x12 (24) DIN Rail	449	316	97	421	288	72	2.1	18.5	23.1	27.7	32.3	37.0
GPE36PO3F/PH/RA	**GPE36PT3F/PH/RA**	3x12 (36) DIN Rail	574	316	97	546	288	72	2.7	23.2	29.0	34.8	40.6	46.4
GPE54PO/PH/RA	**GPE54PT/PH/RA**	3x18 (54) DIN Rail	574	424	97	546	396	72	3.2	26.8	33.5	40.2	46.9	53.6

HALOGEN-FREE PLASTIC MATERIALS
Frame and door in ABS, RAL 9003 Signal White.
Transparent door in tinted PC.
Base in ABS, RAL 7035 Light Grey.
Glow wire resistance on base of 850 ºC.
IP40 - Flush-fit in hollow walls.

/RR: With screw-mounted neutral and earth bars.
/RA: With push-in neutral and earth bars.

3x18 (54) modules
GPE54PO/PH - GPE54PT/PH

PREMOULDED HOLES:
LOWER: 1xM50/M40 - 7xM25/M20 - 8xM25/M16
REAR: 2xM40/M32 - 4xM25
LEFT and RIGHT: 2xØ32





Neutral and earth bars

The neutral and earth bars permit the connection of the conductors to a common collector bar thus increasing the safety of the installation.
The Gold series boxes permit the attachment of the bar-holder support using a clip system for a quick and safe installation.
Different types of bars, with screw or push-in mounting, can be mounted on the support.

Structure for screw-mounted neutral and earth bars

Reference	Terminal I		Terminal II		Cable cross-section	
	N	T	N	T	N	T
22019	6	-	-	-	5 x (10-25 mm²) + 1 x (16-35 mm²)	-
22031	14	14	-	-	6 x (2,5-6 mm²) + 6 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	6 x (2,5-6 mm²) + 6 x (4-10 mm²) + 1 x (10-25 mm²)+1 x (16-35 mm²)
22032	18	18	-	-	8 x (2,5-6 mm²) + 8 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	8 x (2,5-6 mm²) + 8 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)
22033	18	-	-	18	8 x (2,5-6 mm²) + 8 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	8 x (2,5-6 mm²) + 8 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)
22083	26	-	-	26	12 x (2,5-6 mm²) + 12 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	12 x (2,5-6 mm²) + 12 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)
22034	26	-	-	26	12 x (2,5-6 mm²) + 12x(4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	12 x (2,5-6 mm²) + 12 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)
22093	34	-	-	34	16 x (2,5-6 mm²) + 16 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)	16 x (2,5-6 mm²) + 16 x (4-10 mm²) + 1 x (10-25 mm²) + 1 x (16-35 mm²)

Structure for push-in neutral and earth bars

Reference	Terminal I		Terminal II		Cable cross-section	
	N	T	N	T	N	T
22041	16	16	-	-	14 x 4 mm² + 2 x 25 mm²	14 x 4 mm² + 2 x 25 mm²
22042	16	16	-	-	14 x 4 mm² + 2 x 25 mm²	14 x 4 mm² + 2 x 25 mm²
22043	24	-	-	24	21 x 4 mm² + 3 x 25 mm²	21 x 4 mm² + 3 x 25 mm²
22044	32	-	-	32	28 x 4 mm² + 4 x 25 mm²	28 x 4 mm² + 4 x 25 mm²
22084	32	-	-	32	28 x 4 mm² + 4 x 25 mm²	28 x 4 mm² + 4 x 25 mm²
22094	40	-	-	40	35 x 4 mm² + 5 x 25 mm²	35 x 4 mm² + 5 x 25 mm²

GOLD-P Accessories



HINGE



CIERRE CON LLAVE



LEVEL



LINKING PIECE FOR FLUSH-FIT BOXES

Wall-mounted and flush-fit distribution boxes accesories

Various	Pack	Ref.
Level 9.5x25	10-piece bag	**22073**
Hinge	10-piece bag	**22075**

Locks	Ref.
Lock with key	**22015**

White doors	Ref.
12 modules	**PO12GP**
18 modules	**PO18GP**
24 modules	**PO24GP**
36 modules (2 rows)	**PO36GP2F**
36 modules (3 rows)	**PO36GP3F**
54 modules	**PO54GP**

Transparent doors	Ref.
12 modules	**PT12GP**
18 modules	**PT18GP**
24 modules	**PT24GP**
36 modules (2 rows)	**PT36GP2F**
36 modules (3 rows)	**PT36GP3F**
54 modules	**PT54GP**

Flush-fit distribution boxes accesories

Various	Pack	Ref.
Hollow wall attachment grips	4-piece bag	**22100**
Link piece for flush-fit boxes (hollow and brick walls) Horizontal and vertical position	2-piece bag	**22150**

Screw-mounted neutral and earth bars



	Nº. of modules	Ref.
Support + neutral or earth bars (1+5 inputs)	12-18-24-36	**22019**
Support + neutral and earth bars 2x(2+12 inputs)	12	**22031**
Support + neutral and earth bars 2x(2+16 inputs)	18	**22032**
Support + neutral and earth bars 2x(2+16 inputs)	24	**22033**
Support + neutral and earth bars 2x(2+24 inputs)	36 2F	**22083**
Support + neutral and earth bars 2x(2+24 inputs)	36 3F	**22034**
Support + neutral and earth bars 2x(2+32 inputs)	54	**22093**

Push-in neutral and earth bars



	Nº. of modules	Ref.
Support + neutral and earth bars 4x(1+7 inputs)	12	**22041**
Support + neutral and earth bars 4x(1+7 inputs)	18	**22042**
Support + neutral and earth bars 6x(1+7 inputs)	24	**22043**
Support + neutral and earth bars 8x(1+7 inputs)	36 2F	**22044**
Support + neutral and earth bars 2x(4+28 inputs)	36 3F	**22084**
Support + neutral and earth bars 2x(5+35 inputs)	54	**22094**

GOLD-M



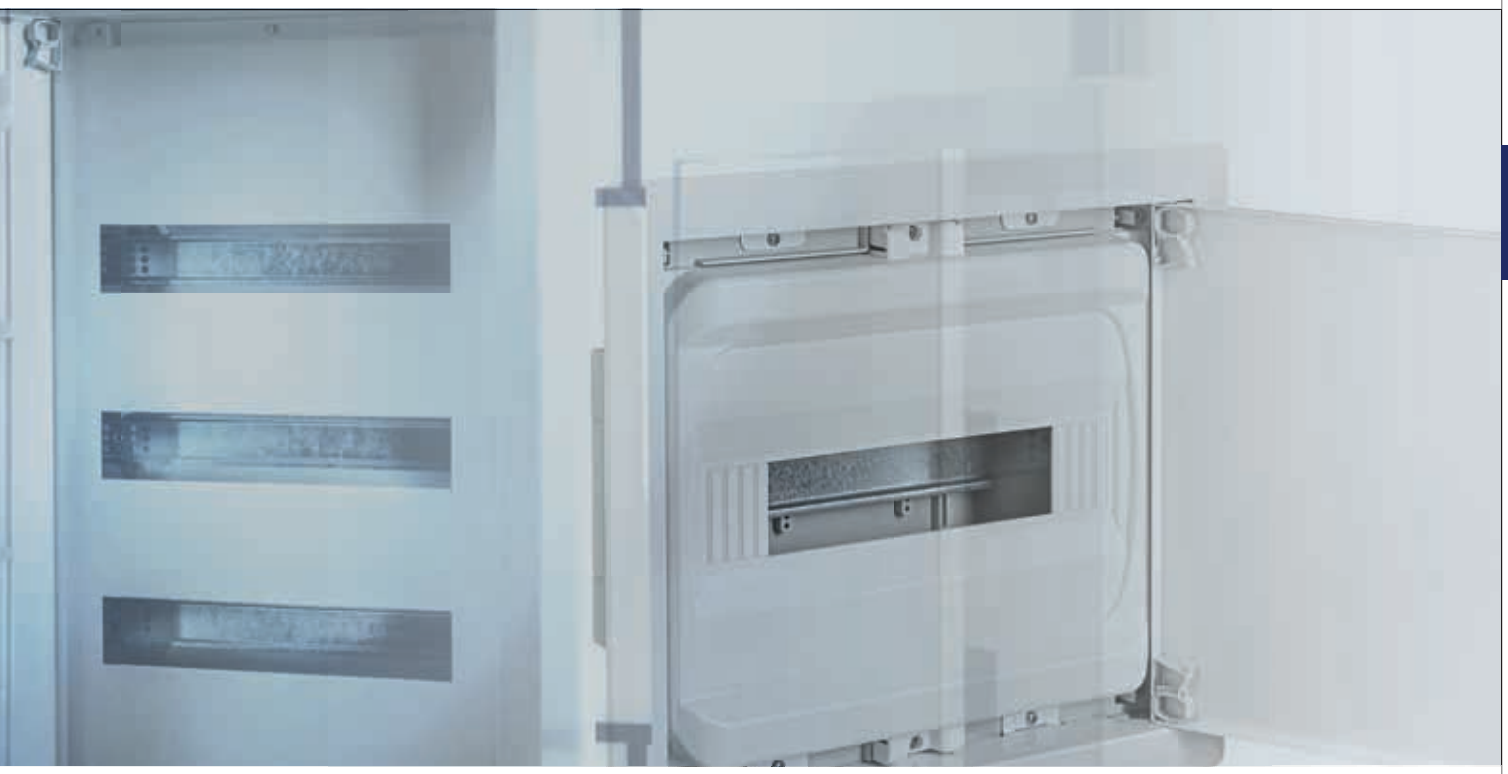


IP40 Metal distribution boxes

The Gold series IP40 Distribution boxes with metal doors fully meet all technical and quality standards to offer the installer maximum versatility and ease of assembly and are specially designed for installation in the tertiary and residential sector.

With a capacity of 14 to 70 modules, there are versions available in **surface** and **flush-fit**, both in prefabricated walls (plasterplate, wood, chipplate, etc.) and conventional brick walls. For the flush-fit mounted version, enclosures for multimedia applications are also available.

Their look is carefully designed to adapt perfectly to all environments, fully integrating with decoration for business, offices, shops, hotels, homes, and more.



GOLD-M Technical details

- **Degree of protection:** IP40.
- **Impact resistance::** IK08.
- **Glow wire resistance:**
  Flush-fit (Hollow walls): 850 ºC.
  Flush-fit (conventional walls): 650 ºC.
  Surface: 650 ºC.
- **Ambient temperature range:** -25 ºC / +40 ºC.
- **Maximum voltage used:** 1000 V AC / 1500 V DC.
- **Double insulation:**
  Flush-fit Class II.
  Surface: reinforced Class I.

GOLD-M Certifications

Compliance with low voltage directive 2014/35/EU.
Standards: EN-IEC 60670-1-24 and IEC-EN 62208.

GOLD-M

IP40 Metal distribution boxes



Supply

Supplied in individual packaging.

Multiple packaging with shrink wrap around individual packages.

Supplied with all elements assembled, except those supplied in the accessory bag.

Standard accessory bag:

- Module cover in white (6 modules).
- Module identification strips.
- Hermetic caps.
- Grounding cable.
- Nut plus M6 washer.

Product range (Surface)

- Modular capacity for 14, 28, 42, 56, and 70 modules.
- Surface boxes:
  - Mixed (GMS type): with plastic frame cover and plastic cable entry lid.
  - Metal (GMST type): with metal frame cover and metal cable entry lid.
- Metal door and base.

Materials

Mixed boxes (GMS type):

- Base and door made from cold-rolled steel sheet.
- Front frame cover and cable entry lid in PS.
- Sheet thickness 0.8 mm.
- Halogen-free plastic materials.
- Smooth RAL 9003 Signal White.

Metal boxes (GMST type):

- Base and door made from cold-rolled steel sheet.
- Front frame cover and cable entry lid made from cold-rolled steel sheet.
- Sheet thickness 0.8 mm.
- Smooth RAL 9003 Signal White.

Maximum technical and quality standards to offer installers maximum versatility and ease of assembly



Base



- Made from cold-rolled steel sheet with a thickness of 0.8 mm; smooth RAL 9003 Signal White.
- All bases can be used any way round, allowing the installer to choose the direction of entry of cables according to the needs of the installation.
- 20xM6 bolts for the fixing of the supports of the neutral and ground bars.



- Possibility of positioning the rail at two heights; 30 mm or 10 mm depending on the space required for cables to pass underneath.
- Fixing to the wall using four oblong sockets, 5 mm in diameter, to facilitate the installation process.
- Front frame cover and cable grommet supplied assembled.
- Fixed to the base using M3 rivet nuts.

Front frame cover and cable entry lid made in plastic



Cable entry lid

- Made from RAL 9003 Signal White PS.
- Fixed to the base using M3 screws.
- Wide opening of 250x68 for entry of cables.
- Easy to remove knock-outs of 5x5 mm, in the sides and the top and bottom; on the inside; and drill points on the outside.

Front frame cover

- Made from RAL 9003 Signal White PS, with textured finish.
- Rows of 14 modules, 10 open and an extra 2+2 pre-punched.
- Option to seal the frame and base at the four corners.
- Joining of front cover and base using M3 screws.
- Handle for extraction of cover.

Front frame cover and cable entry lid made in metal



Cable entry lid

- Made from smooth, extra flat RAL 9003 Signal White cold-rolled steel sheet.
- Fixed to the base using M3 screws.

Front frame cover

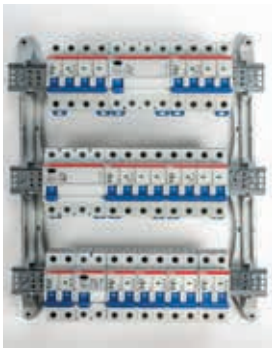
- Made from smooth RAL 9003 Signal White cold-rolled steel sheet.
- Rows of 14 modules.
- Joining of front cover and base using M3 screws.

GOLD-M

IP40 Metal distribution boxes

DIN rail and rack attachment (Surface)





- All enclosures are supplied with the rack extractable and rails installed.
- For 14, 28 and 42 module enclosures, the rack is attached at four points located at the sides.
- For 56 and 70 module enclosures, the rack is attached at six points, the four points located at the sides, plus two additional points located in the central area of the base.
- The extractable rack permits the whole set to be easily fitted on the work bench and then transported to the enclosure for final mounting.





- Space of 30 mm available for the passage of cables.
- Possibility of placing the rail in the lowest position, leaving 10 mm for the passage of cables.
- Distance of 125 mm between rails.

Doors and locks





- Doors made from cold-rolled steel sheet with a thickness of 0.8 mm; in RAL 9003 Signal White with a smooth finish.
- All doors are reversible with 120º opening.
- They have a quick, simple fitting system, thanks to their innovative hinge design.
- A simple bending movement is used to fit them without requiring tools.







- Door closing mechanism with a clip system, for perfect opening and closing.
- A lock and key can also be fitted, supplied as an accessory (Reference 22040).

Fitting the neutral and earth bars







- All /RR references (screw-in terminal strips) are supplied with fitted neutral and ground bars.
- The terminal strips are attached to the support using a clip system, providing fast, safe installation.
- The support allows for different types of strip to be attached: screw-in and push-in.
- Possibility of installing the neutral and ground terminal strips at the top and bottom of the enclosure, according to the installer's needs.
- The strip terminal identifiers are embossed directly on the support, so no identification labels are required.

Accessories



- Lock: a key lock can be installed, reference 22040.
- The doors have a housing designed for quick installation.

- Replacement doors, available for all references, supplied without a lock.

GOLD-M

IP40 Metal distribution boxes

IP40 Metal distribution boxes. Surface

Mixed - Plastic front frame cover and plastic cable entry lid

Reference	No. of modules	External dimensions			Weight	Power dissipation by temperature increases ºC P (W)				
		H	W	D	kg	20	25	30	35	40
GMS14PO	1x14 DIN Rail	340	390	118	3.8	35.5	44.3	53.2	62.0	70.9
GMS28PO	2x14 (28) DIN Rail	505	390	118	5.6	49.2	61.5	73.8	86.1	98.4
GMS42PO	3x14 (42) DIN Rail	630	390	118	6.8	59.6	74.6	89.5	104.4	119.3
GMS56PO	4x14 (56) DIN Rail	755	390	118	8.4	70.1	87.6	105.1	122.6	140.1
GMS70PO	5x14 (70) DIN Rail	880	390	118	9.3	80.5	100.6	120.8	140.9	161.0

METALLIC MATERIALS

Base and door in smooth RAL 9003 Signal White cold-rolled steel sheet.

HALOGEN-FREE PLASTIC MATERIALS

Front frame cover and cable entry cover in RAL 9003 Signal White PS.

Metal - Metallic front frame cover and metal cable entry lid

Reference	No. of modules	External dimensions			Weight	Power dissipation by temperature increases ºC P (W)				
		H	W	D	kg	20	25	30	35	40
GMST14PO	1x14 DIN Rail	340	390	118	4.3	35.5	44.3	53.2	62.0	70.9
GMST28PO	2x14 (28) DIN Rail	505	390	118	6.2	49.2	61.5	73.8	86.1	98.4
GMST42PO	3x14 (42) DIN Rail	630	390	118	7.8	59.6	74.6	89.5	104.4	119.3
GMST56PO	4x14 (56) DIN Rail	755	390	118	9.6	70.1	87.6	105.1	122.6	140.1
GMST70PO	5x14 (70) DIN Rail	880	390	118	10.7	80.5	100.6	120.8	140.9	161.0

METALLIC MATERIALS

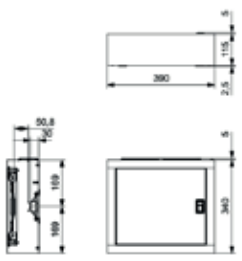
Base, front frame cover, cable entry cover, and door in smooth RAL 9003 Signal White cold-rolled steel sheet.
No exterior plastic parts.

IP40 - Surface mounted.



1x14 modules GMS14PO

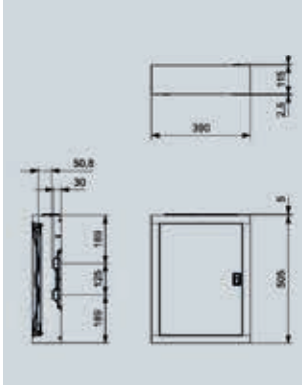
Cable entry: 245x50 mm.
Pre-markings: 5x5 mm.





2x14 (28) modules GMS28PO

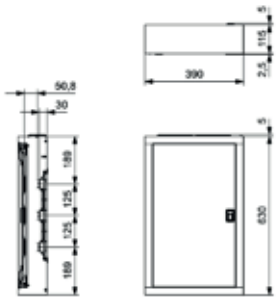
Cable entry: 245x50 mm.
Pre-markings: 5x5 mm.





3x14 (42) modules GMS42PO

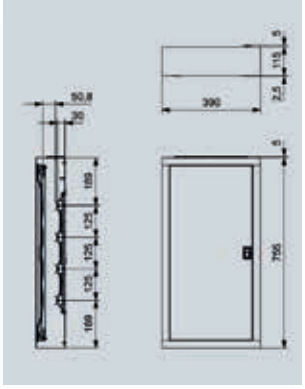
Cable entry: 245x50 mm.
Pre-markings: 5x5 mm.





4x14 (56) modules GMS56PO

Cable entry: 245x50 mm.
Pre-markings: 5x5 mm.



IP40 Metal distribution boxes. Surface. With screw-in neutral and earth bars

Mixed - Plastic front frame cover and plastic cable entry lid

Reference	No. of modules	External dimensions			Weight	Power dissipation by temperature increases ºC P (W)				
		H	W	D	kg	20	25	30	35	40
GMS14PO/RR	1x14 DIN Rail	340	390	118	4.0	35.5	44.3	53.2	62.0	70.9
GMS28PO/RR	2x14 (28) DIN Rail	505	390	118	5.8	49.2	61.5	73.8	86.1	98.4
GMS42PO/RR	3x14 (42) DIN Rail	630	390	118	7.2	59.6	74.6	89.5	104.4	119.3
GMS56PO/RR	4x14 (56) DIN Rail	755	390	118	8.8	70.1	87.6	105.1	122.6	140.1
GMS70PO/RR	5x14 (70) DIN Rail	880	390	118	10.1	80.5	100.6	120.8	140.9	161.0

METALLIC MATERIALS
Base and door in smooth RAL 9003 Signal White cold-rolled steel sheet.

HALOGEN-FREE PLASTIC MATERIALS

Front frame cover and cable entry cover in RAL 9003 Signal White PS.

Metal - Metallic front frame cover and metal cable entry lid

Reference	No. of modules	External dimensions			Weight	Power dissipation by temperature increases ºC P (W)				
		H	W	D	kg	20	25	30	35	40
GMST14PO/RR	1x14 DIN Rail	340	390	118	4.5	35.5	44.3	53.2	62.0	70.9
GMST28PO/RR	2x14 (28) DIN Rail	505	390	118	6.4	49.2	61.5	73.8	86.1	98.4
GMST42PO/RR	3x14 (42) DIN Rail	630	390	118	8.2	59.6	74.6	89.5	104.4	119.3
GMST56PO/RR	4x14 (56) DIN Rail	755	390	118	10.0	70.1	87.6	105.1	122.6	140.1
GMST70PO/RR	5x14 (70) DIN Rail	286	390	118	11.5	80.5	100.6	120.8	140.9	161.0

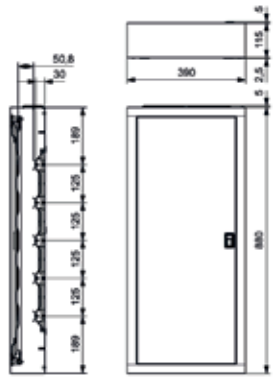
METALLIC MATERIALS

Base, front frame cover, cable entry cover, and door in smooth RAL 9003 Signal White cold-rolled steel sheet.
No exterior plastic parts.

IP40 - Surface mounted.
/RR: With neutral and earth bars.

5x14 (70) modules
GMS70PO

Cable entry: 245x50 mm.
Pre-markings: 5x5 mm.





GOLD-M

IP40 Distribution boxes with metal door



Product range (Flush-fit)

- Modular capacity of 14, 28, 42, 56 y 70 modules.
- Flush-mounted boxes:
  - Brick walls: boxes GPE.
  - Hollow walls: boxes GPE/PH.
- Metal door.

Materials

- Frame and door made from cold-rolled steel sheet.
- Front frame cover in PS RAL 9003 Signal White.
- Flush-mounted boxes:
  - Brick walls: Grey 650 ºC PS RAL 7035 Light Grey.
  - Hollow walls: Grey 850 ºC ABS RAL 7035 Light Grey.
- Halogen-free plastic materials.
- Smooth RAL 9003 Signal White.

Supply

Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film. Supplied with all the elements assembled, except for the elements supplied in the accessory bag.

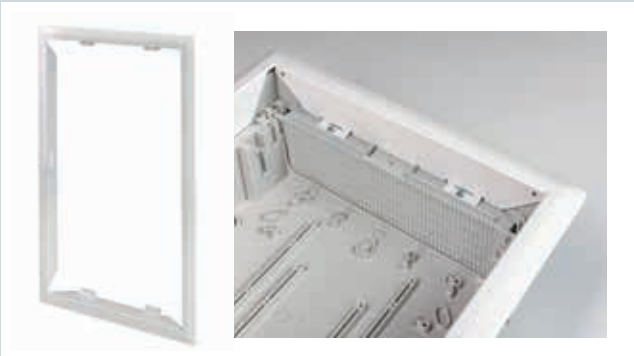
Accessories bag:

- Screws for frame-base closure.
- Hollow wall assembly kit (Only in GPE/PH type boxes).
- Cover for white modules (6 modules).
- Level.
- Module identification strips.

For use in the tertiary and residential sector, apartments, hotels and offices, where an exclusive, avant-garde design is required



Frame



- Manufactured in cold-rolled sheet steel. RAL 9003 Signal White with a smooth finish.
- Bevelled, slightly curved profiles with rounded corners to provide greater rigidity.
- Frame and base attached by four self-tapping screws.
- Highly functional design, ensuring fast and accurate assembly.

Front cover

- Manufactured in PS RAL 9003 Signal White with textured finish.
- Rows of 14 modules, 10 open and an extra 2+2 pre-punched.
- Option to seal the frame and base in the four corners.
- Front cover and base attached using clips and two self-tapping screws, supplied in the accessory bag for compliance with safety standards.



Base and cable entry point

- Manufactured in PS 650 °C for brick walls and in ABS 850 °C for hollow walls; RAL 7035 Light Grey.
- Top and bottom walls clipped to the base, with screw attachment option. They are pre-marked every 5 mm vertically and every 10 mm horizontally, permitting the installer to cut the entry point as required.
- The top of the base has a T-shaped row of WIDTHring points to attach cables to the casing using cable ties.
- The pre-marked points on the sides help support the drill to make entry points every 62.5 mm.
- Pre-punched entry points at the bottom of the base provide access to the M25, M32 and M40 tubes; the double slots permit 3.6 mm diameter self-tapping screws to be fi tted, offering greater versatility in confi guring the interior of the casing.



- The frame and base are attached using plastic thread screws, with all bases reversible.



GOLD-M

IP40 Distribution boxes with metal door

Wall attachment (Flush-fit)



BRICK WALLS



HOLLOW WALLS





- For mounting in conventional brick walls, the base has a perimeter flange that facilitates fitting and attachment to the wall.
- For mounting in plasterplate hollow walls, the base includes flanges on the corners that, together with the installation kit, facilitate mounting in the hollow wall.
- The installation kit consists of Ø 3.5 mm metal screws and plastic raising parts. This system works for wall thicknesses from 7 to 34 mm.
- For perfect mounting, the bases come with an interior and an exterior housing for fi tting a spirit level supplied as an accessory.

DIN rail and rack attachment









- The casing for two or more rows (28, 42, 56 and 70 modules) are supplied with a fitted rack and extractable rails.
- In the casing for one row (14 modules) the rail is attached directly to the casing base and supplied already fi tted.
- For the casing for two or more rows of modules, there are two possible rail attachments: directly to the casing or using the extractable rack.
- The extractable rack permits the whole set to be easily fitted on the work bench and then carried to the casing for final mounting.
- The geometry of the bases permits the rack to be fi tted easily and accurately without the need for extra markers.
- The rack is attached to the casing by four screw points for the 14, 28 and 42 module casings and six points for 56 and 70 module casings. These points are located at the ends. For the 56 and 70 modules, casing there are two additional central points.
- The rails can only be fi tted at the bottom of the racks.
- The space available for cable entry is 10 mm and the distance between rails is 125 mm.

Casing attachment

- Option to attach them horizontally and vertically.
- Attachment part 22150, supplied as an accessory, is attached to the casing by pressing into place, without requiring tools for its installation. Allowing boxes to be attached horizontally and vertically, even combining boxes with different numbers of modules. The distance between casings once attached and fitted is approximately 1 mm.
- Attachment part 22154, supplied as an accessory, is attached to the casing with three self-tapping screws. This permits casings to be attached horizontally while providing space for the cables inside. The distance between casings once attached and fitted is approximately 1 mm.



PART 22150



PART 22154

Doors and locks

- Doors manufactured from cold-rolled sheet steel; in RAL 9003 Signal White with a smooth fi nish.
- All doors are reversible with 120º opening.
- They have a quick and simple fi tting system, thanks to their innovative hinge design. A simple bending movement is used to fit the door without requiring tools.
- The door closing mechanism is by clip, for perfect opening and closing.
- A lock and key can also be fi tted, supplied as an accessory.






Fitting the neutral and earth bars

- All /RR references (screw-in bars) and /RA references (push-in bars) are supplied with fi tted neutral and earth bars.
- The bar support is fi tted using a clip system, providing fast and safe installation.
- The support allows for different types of bars to be attached: screw-in and push-in.
- The bars may be fitted at the top or bottom of the casing Furthermore, they can be fitted at two heights (top and bottom in boxes with two or more rows of modules.
- The bar identifiers are embossed directly on the support, so no identification labels are required.





Accessories

- **Lock:** a key lock can be installed, reference 22040. The doors have a housing prepared for quick installation.
- **Level:** the bases have an internal and external housing for fitting a spirit level. This level is supplied as an accessory (reference 22073) and ensures the casing is perfectly vertical when fi tted.
- **Attachment parts:** the mounting casings for both hollow and brick walls can be joined vertically and horizontally using attachment part 22150; and horizontally using attachment part 22154.





GOLD-M

IP40 Distribution boxes with metal door

IP40 Distribution boxes with metal door. Flush-fit brick walls

Reference	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO	1x14 DIN Rail	337	387	99	302	352	89	2.3	14.2	17.8	21.3	24.9	28.4
GME28PO	2x14 (28) DIN Rail	502	387	99	467	352	89	3.4	21.1	26.3	31.6	36.8	42.1
GME42PO	3x14 (42) DIN Rail	627	387	99	592	352	89	4.2	26.2	32.8	39.3	45.9	52.5
GME56PO	4x14 (56) DIN Rail	752	387	99	717	352	89	5.0	31.4	39.3	47.1	55.0	62.8
GME70PO	5x14 (70) DIN Rail	877	387	99	842	352	89	5.9	36.59	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled sheet steel door and frame, smooth RAL 9003 Signal White.

HALOGEN-FREE PLASTIC MATERIALS

PS front cover, RAL 9003 Signal White. PS base, RAL 7035 Light Grey.
Glow wire resistance in bases of 650 ºC.
Includes protective cardboard cover for flush-fit mounting.

IP40 - Brick wall mounting.



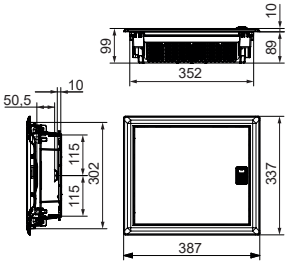






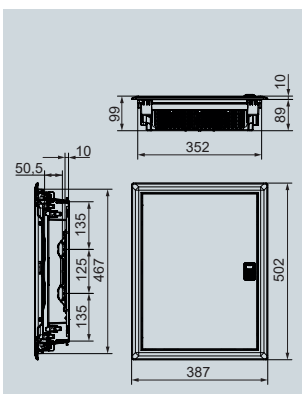
1x14 modules GME14PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 1xø50 - 1x(80x54)



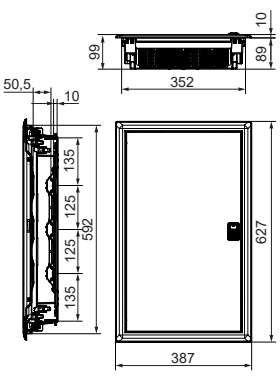
2x14 (28) modules GME28PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 3xø50 - 1x(80x54)



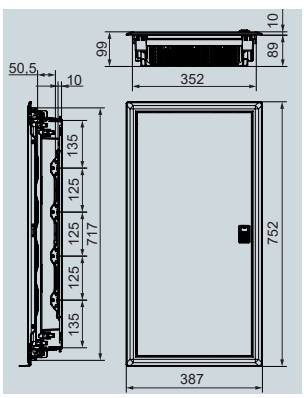
3x14 (42) modules GME42PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 5xø50 - 1x(80x54)



4x14 (56) modules GME56PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 6xø50 - 1x(80x54)



IP40 Distribution boxes with metal door. Flush-fit brick walls
With screw-in neutral and earth bars

Reference	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO/RR	1x14 DIN Rail	337	387	99	302	352	89	2.6	14.2	17.8	21.3	24.9	28.4
GME28PO/RR	2x14 (28) DIN Rail	502	387	99	467	352	89	4.0	21.1	26.3	31.6	36.8	42.1
GME42PO/RR	3x14 (42) DIN Rail	627	387	99	592	352	89	5.2	26.2	32.8	39.3	45.9	52.5
GME56PO/RR	4x14 (56) DIN Rail	752	387	99	717	352	89	6.4	31.4	39.3	47.1	55.0	62.8
GME70PO/RR	5x14 (70) DIN Rail	877	387	99	842	352	89	7.5	36.6	45.7	54.9	64.0	73.2

IP40 Distribution boxes with metal door. Flush-fit brick walls
With push-in neutral and earth bars

Reference	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO/RA	1x14 DIN Rail	337	387	99	302	352	89	2.6	14.2	17.8	21.3	24.9	28.4
GME28PO/RA	2x14 (28) DIN Rail	502	387	99	467	352	89	4.0	21.1	26.3	31.6	36.8	42.1
GME42PO/RA	3x14 (42) DIN Rail	627	387	99	592	352	89	5.2	26.2	32.8	39.3	45.9	52.5
GME56PO/RA	4x14 (56) DIN Rail	752	387	99	717	352	89	6.4	31.4	39.3	47.1	55.0	62.8
GME70PO/RA	5x14 (70) DIN Rail	877	387	99	842	352	89	7.5	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled sheet steel door and frame, smooth RAL 9003 Signal White.

HALOGEN-FREE PLASTIC MATERIALS

PS front cover, RAL 9003 Signal White. PS base, RAL 7035 Light Grey.

Glow wire resistance in bases of 650 ºC.

Includes protective cardboard cover for flush-fit mounting.

/RR: With neutral and earth bars.

/RA: With push-in neutral and earth bars.

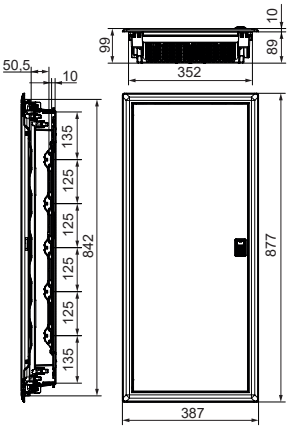
IP40 - Brick wall mounting.

5x14 (70) modules
GME70PO

PREMOULDED HOLES:

BACK: 2x[2xM25-1xM32-1xM40]

LEFT and RIGHT: 8xø50 - 1x(80x54)





GOLD-M

IP40 Distribution boxes with metal door

IP40 Distribution boxes with metal door. Flush-fit hollow walls

Reference	Nº. of modules	External dimensions			Dimensiones hueco empotrar			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO/PH	1x14 DIN Rail	337	387	97	304	354	87	2.7	14.2	17.8	21.3	24.9	28.4
GME28PO/PH	2x14 (28) DIN Rail	502	387	97	469	354	87	3.9	21.1	26.3	31.6	36.8	42.1
GME42PO/PH	3x14 (42) DIN Rail	627	387	97	594	354	87	4.8	26.2	32.8	39.3	45.9	52.5
GME56PO/PH	4x14 (56) DIN Rail	752	387	97	719	354	87	5.8	31.4	39.3	47.1	55.0	62.8
GME70PO/PH	5x14 (70) DIN Rail	877	387	97	844	354	87	6.7	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.

HALOGEN-FREE PLASTIC MATERIALS

PS front cover, RAL 9003 Signal White. ABS base, RAL 7035 Light Grey.
Glow wire resistance in bases of 850 ºC

IP40 - Hollow wall mounting.



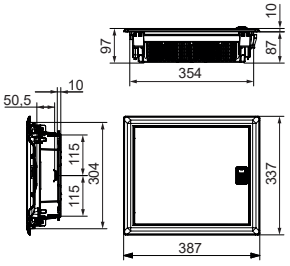






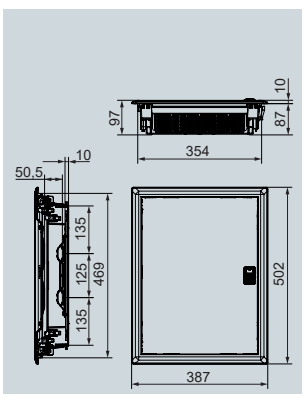
1x14 modules GME14PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 1xø50 - 1x(80x54)



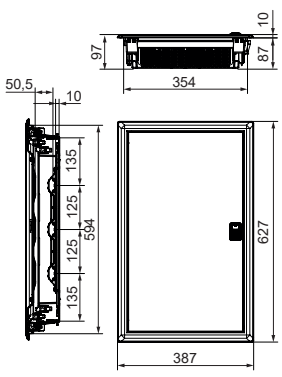
2x14 (28) modules GME28PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 3xø50 - 1x(80x54)



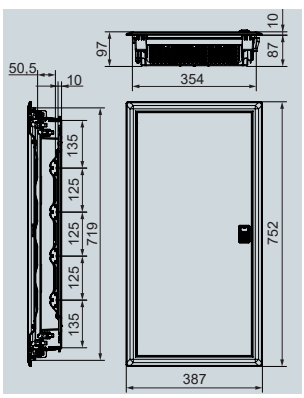
3x14 (42) modules GME42PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 5xø50 - 1x(80x54)



4x14 (56) modules GME56PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 6xø50 - 1x(80x54)



IP40 Distribution boxes with metal door. Flush-fit hollow walls
With screw-in neutral and earth bars

Reference	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO/PH/RR	1x14 DIN Rail	337	387	97	304	354	87	2.7	14.2	17.8	21.3	24.9	28.4
GME28PO/PH/RR	2x14 (28) DIN Rail	502	387	97	469	354	87	3.9	21.1	26.3	31.6	36.8	42.1
GME42PO/PH/RR	3x14 (42) DIN Rail	627	387	97	594	354	87	4.8	26.2	32.8	39.3	45.9	52.5
GME56PO/PH/RR	4x14 (56) DIN Rail	752	387	97	719	354	87	5.8	31.4	39.3	47.1	55.0	62.8
GME70PO/PH/RR	5x14 (70) DIN Rail	877	387	97	844	354	87	6.7	36.6	45.7	54.9	64.0	73.2

IP40 Distribution boxes with metal door. Flush-fit hollow walls
With push-in neutral and earth bars

Reference	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
		H	W	D	H	W	D	kg	20	25	30	35	40
GME14PO/PH/RA	1x14 DIN Rail	337	387	97	304	354	87	2.8	14.2	17.8	21.3	24.9	28.4
GME28PO/PH/RA	2x14 (28) DIN Rail	502	387	97	469	354	87	4.1	21.1	26.3	31.6	36.8	42.1
GME42PO/PH/RA	3x14 (42) DIN Rail	627	387	97	594	354	87	5.1	26.2	32.8	39.3	45.9	52.5
GME56PO/PH/RA	4x14 (56) DIN Rail	752	387	97	719	354	87	5.9	31.4	39.3	47.1	55.0	62.8
GME70PO/PH/RA	5x14 (70) DIN Rail	877	387	97	844	354	87	7.2	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled sheet steel door and frame, smooth RAL 9003 Signal White.

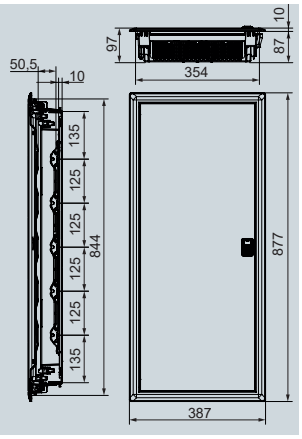
HALOGEN-FREE PLASTIC MATERIALS

PS front cover, RAL 9003 Signal White. ABS base, RAL 7035 Light Grey.
Glow wire resistance in bases of 850 ºC.

/RR: With neutral and earth bars.
/RA: With push-in neutral and earth bars.
IP40 - Hollow wall mounting.

5x14 (70) modules
GME70PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 8xø50 - 1x(80x54)





Neutral and earth bars

The neutral and earth bars permit conductors to be connected to a common busbar, thus increasing the safety of the installation.
The standard Gold-M boxes permit the terminal strip support to be fitted using a clip system, providing fast and safe installation.
The support allows for different types of bars to be fitted: screw-in and push-in.

Structure for screw-mounted neutral and earth bars

Reference (flush-fit)	Reference (surface)	Terminal I		Terminal II		Cable section	
		N	T	N	T	N	T
20019	**22019**	6	-	-	-	1 x (16-35 mm^2)+5x(10-25 mm^2)	-
22045	**22085**	14	14	-	-	6 x (2.5-6 mm^2) + 6 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)	6 x (2.5-6 mm^2) + 6 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)
22046	**22086**	18	18	-	-	8 x (2.5-6 mm^2) + 8 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)	8 x (2.5-6 mm^2) + 8 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)
22047	**22087**	36	-	-	36	16 x (2.5-6 mm^2) + 16 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)	16 x (2.5-6 mm^2) + 16 x (4-10 mm^2 + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)
22048	**22088**	26	26	26	26	24 x (2.5-6 mm^2) + 24 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)	24 x (2.5-6 mm^2) + 24 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)

Structure for push-in neutral and earth bars

Reference (flush-fit)	Reference (surface)	Terminal I		Terminal II		Cable section	
		N	T	N	T	N	T
22055	**22095**	16	16	-	-	14 x 4 mm^2 + 2 x 25 mm^2	14 x 4 mm^2 + 2 x 25 mm^2
22056	**22096**	24	-	-	24	21 x 4 mm^2 + 3 x 25 mm^2	21 x 4 mm^2 + 3 x 25 mm^2
22057	**22097**	32	-	-	32	28 x 4 mm^2 + 4 x 25 mm^2	28 x 4 mm^2 + 4 x 25 mm^2
22058	**22098**	40	-	-	40	35 x 4 mm^2 + 5 x 25 mm^2	35 x 4 mm^2 + 5 x 25 mm^2
22059	**22099**	32	32	32	32	56 x 4 mm^2 + 8 x 25 mm^2	56 x 4 mm^2 + 8 x 25 mm^2

GOLD-M Accessories



HINGE



LOCK WITH KEY



LEVEL



LINK PIECE WITH CABLE ENTRY POINT

Wall-mounted and flush-fit distribution boxes accesories

Various	Pack	Reference
Hinge	10-piece bag	**22074**

Locks	Reference
Standard lock	**22038**
Key lock	**22040**

Metal door	Reference
Door 14 modules	**PO14GM**
Door 28 modules	**PO28GM**
Door 42 modules	**PO42GM**
Door 56 modules	**PO56GM**
Door 70 modules	**PO70GM**

Flush-fit distribution boxes accesories

Various	Pack	Reference
Level 9.5x25	10-piece bag	**22073**
Link piece for flush-fit boxes (hollow and brick walls) Horizontal and vertical position	2-piece bag	**22150**
Link piece with cable entry point for flush-fit boxes (hollow and brick walls). Horizontal position	2-piece bag	**22154**
Hollow wall attachment grips	6-piece bag	**22104**

Screw-in neutral and earth bars



	For boxes No. of modules	Reference (flush-fit)	Reference (surface)
Support + neutral and earth bars (1+5 inputs)	14-28-42-56-70	**22019**	
Support + neutral and earth bars 2x(2+12 inputs)	14	**22045**	**22085**
Support + neutral and earth bars 2x(2+16 inputs)	28	**22046**	**22086**
Support + neutral and earth bars 2x(4+32 inputs)	42-56	**22047**	**22087**
Support + neutral and earth bars 4x(2+24 inputs)	70	**22048**	**22088**

Push-in neutral or earth bars



	For boxes No. of modules	Reference (flush-fit)	Reference (surface)
Support + neutral and earth bars 2x(1+7 inputs)	14	**22055**	**22095**
Support + neutral and earth bars 3x(1+7 inputs)	28	**22056**	**22096**
Support + neutral and earth bars 4x(1+7 inputs)	42	**22057**	**22097**
Support + neutral and earth bars 5x(1+7 inputs)	56	**22058**	**22098**
Support + neutral and earth bars 4x(1+7 inputs)	70	**22059**	**22099**

GOLD-MM

IP40 Multimedia boxes



Product range (Flush-fit)

- Type 1: Enclosure with multimedia plate +14 modules.
- Type 2: Enclosure with multimedia plate + 28 modules.
- Type 3: Enclosure with multimedia plate +14 modules + distribution enclosure with 42, 56 or 70 modules (two enclosures joined).
  - Brick walls: boxes GMEM.
  - Hollow walls: boxes GMEM/PH.

Materials

- External frame and door made from cold-rolled steel sheet.
- Front frame cover in PS RAL 9003 Signal White.
- Flush-mounted bases:
  - Brick walls: 650 ºC PS RAL 7035 Light Grey.
  - Hollow walls: 850 ºC ABS RAL 7035 Light Grey.
- Halogen-free plastic materials.
- Galvanised steel micro-perforated plate.

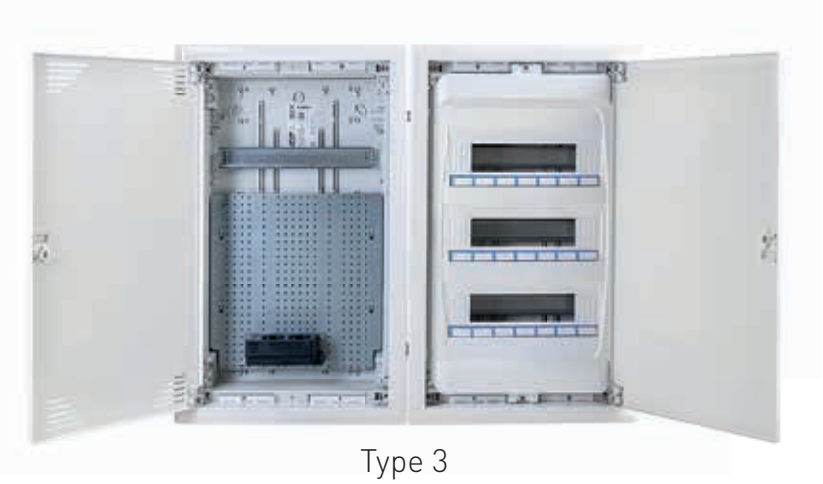
Supply

Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film. Supplied with all the elements assembled, except for the elements supplied in the accessory bag.

Accessories bag:

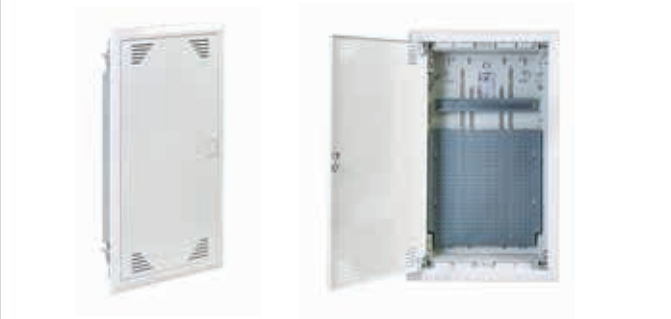
- Screws for frame-base closure.
- Hollow wall assembly kit (Only in GMEM/PH type boxes).
- White cover for modules (6 modules).
- Level.
- Module identification strips.

Efficiently organises, protects and manages electronic devices in homes and offices.



Type 3

Multimedia enclosures: Type 1



- Includes micro-perforated multimedia plate and DIN rail for 14 modules screwed to the base.
- Metal door with double ventilation slots.
- Possibility of recessing in hollow and conventional walls.

Multimedia enclosures: Type 2



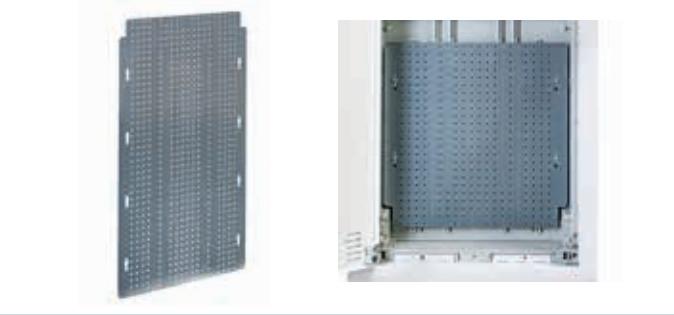
- Includes micro-perforated multimedia plate and removable plastic frame for 28 modules.
- Metal door with double ventilation slots.
- Possibility of recessing in hollow and conventional walls. With neutral and earth strips incorporated.

Multimedia enclosures: Type 3



- Set consisting of two flush-fit mounted boxes:
  - One enclosure with microperforated multimedia plate and DIN rail for 14 modules screwed to the base.
  - A second enclosure with capacity for 42, 56 or 70 modules (depending on the item numbers).
- Includes a schuko double base with support.
- Metal door with double ventilation slots.
- Possibility of recessing in hollow and conventional walls. With neutral and earth strips incorporated.

Multimedia plate



- Made from galvanised sheet steel with a thickness of 1.2 mm.
- Supplied assembled and fixed to the base.
- 3.3 mm diameter holes for 4 mm threaded screws.

GOLD-MM

IP40 Multimedia boxes

TYPE 1

IP40 Multimedia boxes. Flush-fit brick walls

Reference	Dimensions multimedia plate	Nº. modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM42PO	300x295	1x14 Raíl DIN	627	387	99	592	352	89	4.3	26.2	32.8	39.3	45.9	52.5
GMEM56PO	425x295	1x14 Raíl DIN	752	387	99	717	352	89	5.2	31.4	39.3	47.1	55.0	62.8
GMEM70PO	550x295	1x14 Raíl DIN	877	387	99	842	352	89	6.1	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

HALOGEN-FREE PLASTIC MATERIALS

Front cover in PS RAL 9003 Signal White. Base in PS RAL 7035 Light Grey.
Glow wire resistance in bases of 650 ºC.

IP40 - Brick walls.

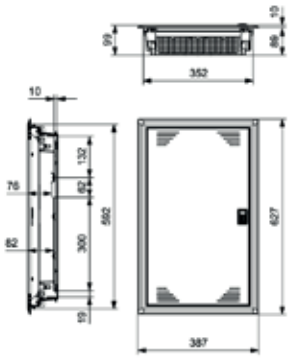






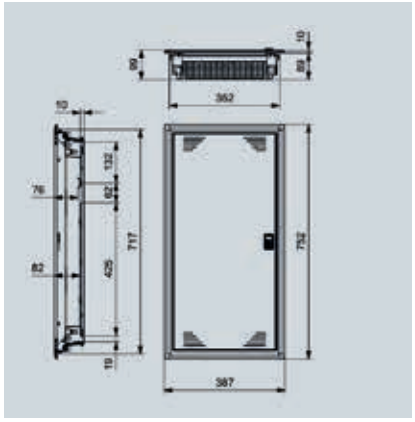
Multimedia plate 300x295 GMEM42PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 5xø50 - 1x(80x54)



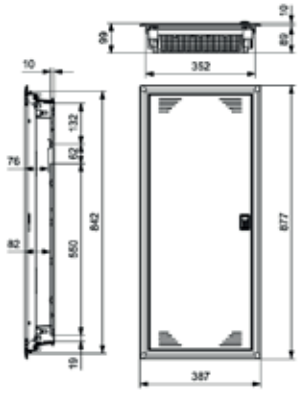
Multimedia plate 425x295 GMEM56PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 6xø50 - 1x(80x54)



Multimedia plate 550x295 GMEM70PO

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 8xø50 - 1x(80x54)



TYPE 1

IP40 Multimedia boxes. Flush-fit hollow walls

Reference	Dimensions multimedia plate	Nº. modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM42PO/PH	300x295	1x14 Raíl DIN	627	387	97	594	354	87	4.5	26.2	32.8	39.3	45.9	52.5
GMEM56PO/PH	425x295	1x14 Raíl DIN	752	387	97	719	354	87	5.4	31.4	39.3	47.1	55.0	62.8
GMEM70PO/PH	550x295	1x14 Raíl DIN	877	387	97	844	354	87	6.4	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

HALOGEN-FREE PLASTIC MATERIALS

Front cover in PS RAL 9003 Signal White. Base in ABS RAL 7035 Light Grey.
Glow wire resistance in bases of 850 ºC.

IP40 - Hollow walls.







Multimedia plate 300x295 GMEM42PO/PH

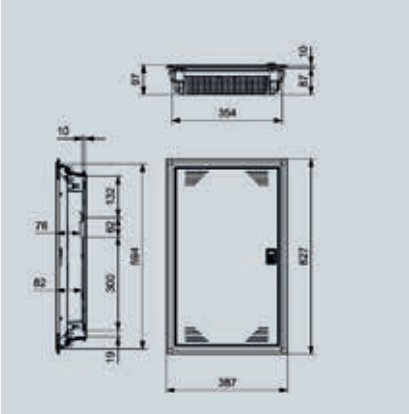
PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 5xø50 - 1x(80x54)

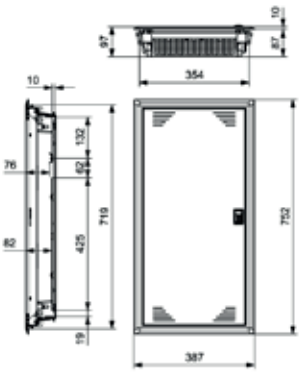
Multimedia plate 425x295 GMEM56PO/PH

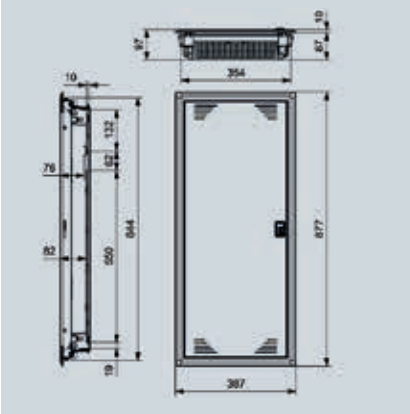
PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 6xø50 - 1x(80x54)

Multimedia plate 550x295 GMEM70PO/PH

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 8xø50 - 1x(80x54)







GOLD-MM

IP40 Multimedia boxes

TYPE 2

IP40 Multimedia boxes. Flush-fit brick walls. With screw-in neutral and earth bars

Reference	Dimensions multimedia plate	Nº. modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM70PO28/RR	550x295	2x14 (28) Raíl DIN	877	387	99	842	352	89	6.6	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS

Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

HALOGEN-FREE PLASTIC MATERIALS

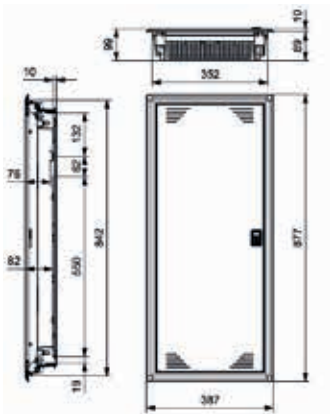
Front cover in PS RAL 9003 Signal White. Base in PS RAL 7035 Light Grey.
Glow wire resistance in bases of 650 ºC.

/RR: With neutral and earth bars.
IP40 - Brick walls.



Multimedia plate 550x295
GMEM70PO28/RR

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 8xø50 - 1x(80x54)



TYPE 2

IP40 Multimedia boxes. Flush-fit hollow walls. With screw-in neutral and earth bars

Reference	Dimensions multimedia plate	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM70PO28/PH/RR	550x295	2x14 (28) Raíl DIN	877	387	97	844	354	87	6.8	36.6	45.7	54.9	64.0	73.2

METAL MATERIALS
Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

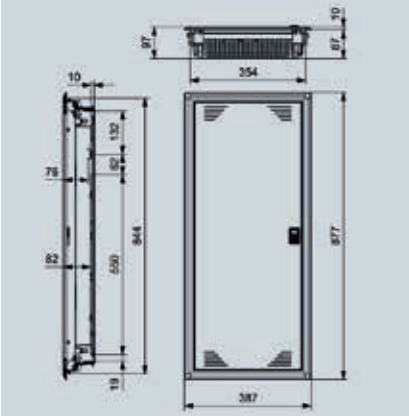
HALOGEN-FREE PLASTIC MATERIALS
Front cover in ABS RAL 9003 Signal White. Base in ABS RAL 7035 Light Grey.
Glow wire resistance in bases of 850 ºC.

/RR: With neutral and earth bars.
IP40 - Hollow walls.



Multimedia plate 550x295
GMEM70PO28/PH/RR

PREMOULDED HOLES:
BACK: 2x[2xM25-1xM32-1xM40]
LEFT and RIGHT: 8xø50 - 1x(80x54)



GOLD-MM

IP40 Multimedia boxes

TYPE 3

IP40 Multimedia boxes. Flush-fit brick walls. With screw-in neutral and earth bars

Reference	Dimensions multimedia plate	Nº. modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM42P042/RR	300x295	3x14 (42) Raíl DIN	627	775	99	592	742	89	9.2	52.5	65.6	78.7	91.8	104.9
GMEM56P056/RR	425x295	4x14 (56) Raíl DIN	752	775	99	717	742	89	10.9	62.8	78.5	94.2	109.9	125.6
GMEM70P070/RR	550x295	5x14 (70) Raíl DIN	877	775	99	842	742	89	13.0	73.2	91.5	109.8	128.1	146.4

METAL MATERIALS

Cold-rolled steel sheet door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

HALOGEN-FREE PLASTIC MATERIALS

Front cover in PS RAL 9003 Signal White. Base in PS RAL 7035 Light Grey.
Glow wire resistance in bases of 650 ºC

/RR: With neutral and earth bars.
IP40 - Brick walls.

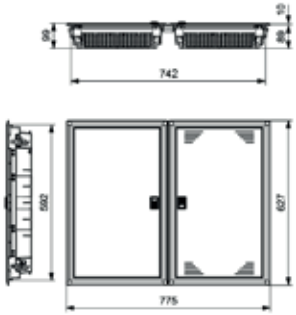






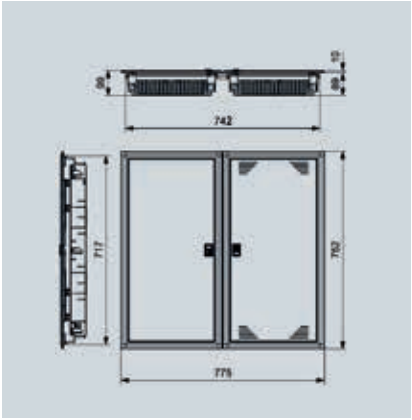
Multimedia plate 300x295 GMEM42P042/RR

PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 10xø50 - 2x(80x54)



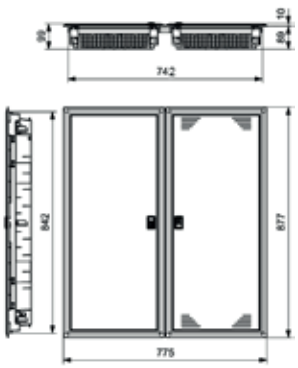
Multimedia plate 425x295 GMEM56P056/RR

PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 12xø50 - 2x(80x54)



Multimedia plate 550x295 GMEM70P070/RR

PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 16xø50 - 2x(80x54)



TYPE 3

IP40 Multimedia boxes. Flush-fit hollow walls. With screw-in neutral and earth bars

Reference	Dimensions multimedia plate	Nº. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation by temperature increase ºC P(W)				
	H x W		H	W	D	H	W	D	kg	20	25	30	35	40
GMEM42PO42/PH/RR	300x295	3x14 (42) Raíl DIN	627	775	97	594	740	87	9.6	52.5	65.6	78.7	91.8	104.9
GMEM56PO56/PH/RR	425x295	4x14 (56) Raíl DIN	752	775	97	719	740	87	11.3	62.8	78.5	94.2	109.9	125.6
GMEM70PO70/PH/RR	550x295	5x14 (70) Raíl DIN	877	775	97	844	740	87	13.4	73.2	91.5	109.8	128.1	146.4

METAL MATERIALS

Cold-rolled sheet steel door and frame, smooth RAL 9003 Signal White.
Micro-perforated plate in galvanised steel.

HALOGEN-FREE PLASTIC MATERIALS

Front cover in ABS RAL 9003 Signal White. Base in ABS RAL 7035 Light Grey.
Glow wire resistance in bases of 850 ºC.

/RR: With neutral and earth bars.
IP40 - Hollow walls.



Multimedia plate 300x295 GMEM42PO42/PH/RR

PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 10xø50 - 2x(80x54)



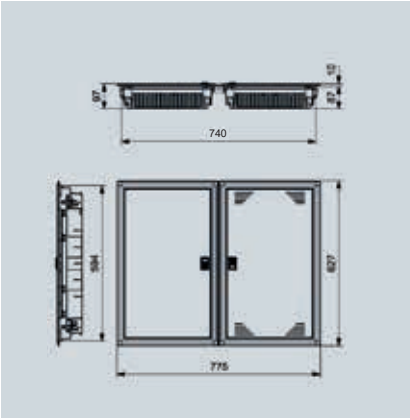
Multimedia plate 425x295 GMEM56PO56/PH/RR

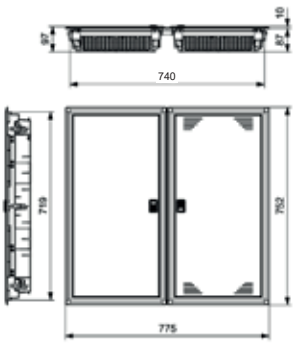
PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 12xø50 - 2x(80x54)

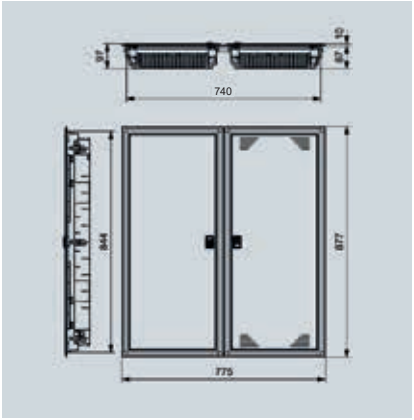


Multimedia plate 550x295 GMEM70PO70/PH/RR

PREMOULDED HOLES:
BACK: 4x[4xM25-2xM32-2xM40]
LEFT and RIGHT: 16xø50 - 2x(80x54)







Neutral and earth bars

The neutral and earth bars permit conductors to be connected to a common busbar, thus increasing the safety of the installation.
The standard Gold-M boxes permit the terminal strip support to be fitted using a clip system, providing fast and safe installation.
The support allows for different types of bars to be fitted: screw-in and push-in.

Structure for screw-mounted neutral and earth bars

Reference	Terminal I		Terminal II		Cable section	
	N	T	N	T	N	T
22019	6	-	-	-	1 x (16-35 mm^2)+5x(10-25 mm^2)	-
22046	18	18	-	-	8 x (2,5-6 mm^2) + 8 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)	8 x (2,5-6 mm^2) + 8 x (4-10 mm^2) + 1 x (10-25 mm^2) + 1 x (16-35 mm^2)
22047	36	-	-	36	16 x (2,5-6 mm^2) + 16 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)	16 x (2,5-6 mm^2) + 16 x (4-10 mm^2 + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)
22048	26	26	26	26	24 x (2,5-6 mm^2) + 24 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)	24 x (2,5-6 mm^2) + 24 x (4-10 mm^2) + 2 x (10-25 mm^2) + 2 x (16-35 mm^2)

Structure for push-in neutral and earth bars

Reference	Terminal I		Terminal II		Cable section	
	N	T	N	T	N	T
22056	24	-	-	24	21 x 4 mm^2 + 3 x 25 mm^2	21 x 4 mm^2 + 3 x 25 mm^2
22057	32	-	-	32	28 x 4 mm^2 + 4 x 25 mm^2	28 x 4 mm^2 + 4 x 25 mm^2
22058	40	-	-	40	35 x 4 mm^2 + 5 x 25 mm^2	35 x 4 mm^2 + 5 x 25 mm^2
22059	32	32	32	32	56 x 4 mm^2 + 8 x 25 mm^2	56 x 4 mm^2 + 8 x 25 mm^2

GOLD MULTIMEDIA Accessories



MODEM



RJ BRACKET



DOUBLE SCHUKO BASE + BRACKET

Accessories

Multimedia

	Reference
Bracket modem	**22156**
RJ bracket	**22157**
Double schuko base + bracket	**22155**

Locks

	Reference
Standard lock	**22038**
Key lock	**22040**

Various

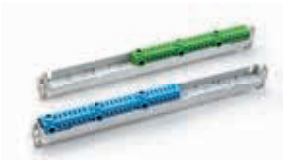
	Pack	Reference
Level 9,5x25	10-piece bag	**22073**
Link piece for flush-fit boxes (hollow and brick walls) Horizontal and vertical position	2-piece bag	**22150**
Link piece with cable entry point for flush-fit boxes (hollow and brick walls). Horizontal position	2-piece bag	**22154**
Hollow wall attachment grips	6-piece bag	**22104**
Hinge	10-piece bag	**22074**

Screw-in neutral and earth bars



	For boxes No. of modules	Reference
Support + neutral and earth bars (1+5 inputs)	14-28-42-56-70	**22019**
Support + neutral and earth bars 2x(2+16 inputs)	28	**22046**
Support + neutral and earth bars 2x(4+32 inputs)	42-56	**22047**
Support + neutral and earth bars 4x(2+24 inputs)	70	**22048**

Push-in neutral or earth bars



	For boxes No. of modules	Reference
Support + neutral and earth bars 3x(1+7 inputs)	28	**22056**
Support + neutral and earth bars 4x(1+7 inputs)	42	**22057**
Support + neutral and earth bars 5x(1+7 inputs)	56	**22058**
Support + neutral and earth bars 4x(1+7 inputs)	70	**22059**

ATLANTIC





IP40-IP65 Steel distribution cabinets

(48-192 modules)

The ATLANTIC series is a set of steel distribution enclosures for the creation of low-voltage electrical distribution panels. This product line with an innovative aesthetic appearance surpasses the mandatory quality and safety concepts in an increasingly more demanding market.

It includes a broad catalogue of models that make it possible to create customised electrical panels: surface-mounted, flush-fit, watertight, with opaque or transparent doors, with extensive modular capacity, connection structures, etc. All manufactured with the highest-quality materials, featuring a quick and straightforward assembly system which delivers total functionality and the integration of any electrical switchgear model.



ATLANTIC Technical characteristics

- **Degree of protection:**
  Combinable surface cabinets without door: IP30.
  Combinable surface cabinets with door: IP40.
  Compact surface cabinets: IP40.
  Compact surface cabinets: IP65.
  Flush-fit cabinets: IP40.
- **Resistance to impact:**
  Combinable surface cabinets without door: IK07.
  Surface and flush-fit cabinets with transparent door: IK09.
  Surface and flush-fit cabinets with opaque door: IK10.
- **Ambient temperature range:** -25 °C / +40 °C.

ATLANTIC Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1 (as applicable).

ATLANTIC Electrical properties

- **Max. rated operating voltage (Ue):** 1000 V AC / 1500 V DC.
- **Rated insulation voltage (Ui):** 1000 V AC.
- **Rated impulse withstand voltage (Uimp):** 8 kV (depending on type of accessory).
- **Current (Ie):** 630 A (surface) / 125 A (flush-fit) (depending on type of accessory).
- **Rated short-time withstand current (Icw):** 33 kA 1s.
- **Rated peak withstand current (Ipk):** 69 kA.

ATLANTIC

IP40-IP65 Steel distribution cabinets



Product series

Standard

- IP30 combinable surface cabinets without door.
- IP40 combinable surface cabinets with opaque or transparent door.
- IP40 compact surface cabinets with opaque or transparent door.
- IP65 compact surface cabinets with opaque or transparent door.
- IP40 flush-fit cabinets with opaque door.
- Modular capacity for the whole range of products: 48 – 72 – 96 – 120 – 144 – 168 – 192.

Supply

IP30-IP40 combinable surface cabinets

They are supplied disassembled in a single packaging that contains enclosure, sides, top and bottom cover, cable entry cover and accessory bag.

- Accessory bag: Insulating caps to permit reversible doors, wall-mounting supports, reinforcement buttons, mass continuity clamps and rulers for fitting rails.

The doors are supplied separately if requested, with both locks assembled and with accessory bag.

- Door accessory bag: Hinges and locks, mounting screws, lock pins and key.

IP40-IP65 compact surface cabinets and IP40 flush-fit cabinets

They are supplied assembled in individual packaging that contains the cabinet with the door and the locks assembled, and an accessory bag.

- Accessory bag: Insulating caps to permit reversible doors, wall-mounting supports (for surface cabinets), rulers for fitting rails and key.

Lids and DIN rails

- They can be ordered as a Kit: Lids + DIN rails.
- Separately: modular or plain lids, as well as DIN rails plus assembly supports for surface cabinets (48013) or for flush-fit cabinets (48014).

Intended for creating low-voltage electrical distribution panels for tertiary and residential sectors

Material

- Enclosure, sides, top and bottom covers for surface cabinets and frames for flush-fit cabinets manufactured in cold-rolled steel EN 10130+A1 with a thickness of 1.2 mm.
- Enclosure for flush-fit cabinets manufactured in galvanised steel with a thickness of 1.2 mm.
- Opaque doors manufactured in cold-rolled steel EN 10130+A1; 1-mm thick surface cabinets and 1.2-mm thick flush-fit cabinets and transparent doors manufactured in tinted 4-mm tempered safety glass.
- Chassis for compact surface cabinets made of 1.5 - 2 mm thick galvanised steel sheet.

Finish

- Coated with hardened RAL 9003 Signal White epoxy-polyester paint, textured.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying and painting:** Drying with hot air (in tunnel at 100 °C) and coated with hardened RAL 9003 Signal White epoxy-polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.

IP30-IP40 COMBINABLE SURFACE CABINETS






Enclosure

- Totally assemblable enclosure that is supplied disassembled to give the installer greater versatility and facilitate assembly and wiring.
- Flat component with two profiles to which all the unit's equipment is secured. The profiles have two 25-mm rectangular cut-out lines to insert caged nuts to secure accessories, and a third line with 3 mm-diameter circular holes for screwing them directly to the wall.
- There are four riveted nuts in the corners at the back facing outwards for fixing the wall-mounting supports.

Sides

- The sides are of the clip-on assembly type.
- The sides are reversible, and the contact area between the side and back has a fold to guarantee water protection.

Door

- Possibility of opaque or transparent door. Opaque doors manufactured in 1-mm thick sheet and transparent doors with 4-mm thick tempered and tinted safety glass with IDE silk-screen printed on them.
- Four C-shaped common elements are supplied for the purpose of installation, for securing the hinges and for locking the enclosure. This makes them reversible.

Top and bottom covers

- The top covers are of the clip-on assembly type.
- They have an opening of 440x106 mm to facilitate cable trunking or installation trays. The width of this entry is the same as the rail's, thus facilitating cable distribution inside the enclosure. This gap is covered by the cable entry cover.
- The cable entry cover comes pre-marked with the dimensions of the most commonly used trays and trunking in order to make it easier to cut out.
- This cover is fitted by means of a clipping system and is reinforced by two self-tapping screws.

Mass continuity and reinforcement button

- Four clamps are supplied to secure the enclosure to the top cover and the sides in order to guarantee mass continuity and to protect the enclosure from indirect contacts.
- Four plastic buttons secured by pressure are supplied, thus affording the cabinet greater stability and making it impossible to disassemble without using a tool, as provided for by the applicable regulations.

Locks

- Standard 5-mm ¼ turn double-bit lock. All references have two locks.
- Other types of locks are supplied as accessories.

Cabinets can be combined, thus achieving large-sized structures and modular capacity






ATLANTIC

IP40-IP65 Steel distribution cabinets

IP40 COMPACT SURFACE CABINETS

Enclosure

- The enclosure is U-shaped and is made of a single piece consisting of the bottom and the sides.
- A mounting frame is screwed inside, consisting of two profiles where all the equipment can be fixed, and several horizontal reinforced profiles. Each vertical profile has two cut-out lines to insert caged nuts to secure accessories, with 14x9 mm rectangular dies every 25 mm.
- There are four riveted nuts in the corners at the back facing outwards for fixing the wall-mounting supports.

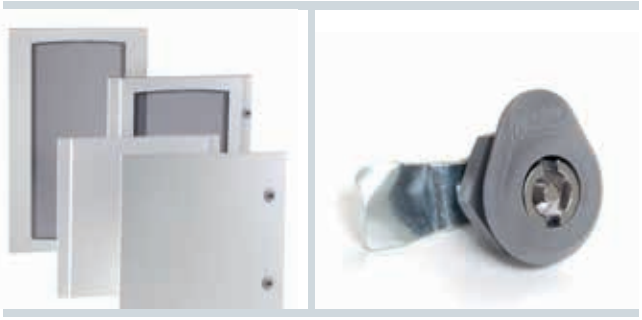
Top and bottom covers

- The top and bottom covers are of the clip-on assembly type.
- They have an opening of 440x106 mm to facilitate cable trunking or installation trays. The width of this entry is the same as the rail's, thus facilitating cable distribution inside the enclosure. This gap is covered by the cable entry cover.
- The cable entry cover comes pre-marked with the dimensions of the most commonly used trays and trunking in order to make it easier to cut out.
- This cover is fitted by means of a clipping system and is reinforced by two self-tapping screws.

IP65 COMPACT SURFACE CABINETS

Enclosure

- The enclosure consists of a single piece.
- A mounting frame is screwed inside, consisting of two profiles where all the equipment can be fixed, and several horizontal reinforced profiles. Each vertical profile has two cut-out lines to insert caged nuts to secure accessories, with 14x9 mm rectangular dies every 25 mm.
- There are four riveted nuts in the corners facing outwards for fixing the wall-mounting supports.
- The 500x80 mm cable entries are located at the top and bottom.
- The cable entries are covered by means of metal lids secured to the enclosure with machined screws. The cover has a sealing gasket to guarantee IP65 protection.
- A gland is recommended for trunking and cable entry to avoid losing the enclosure's IP protection degree.



IP40 - IP65 compact cabinet door and locks

Door

- Possibility of opaque or transparent door.
- Opaque doors made from sheet with a thickness of 1 mm.
- Transparent doors manufactured with 4-mm thick tempered and tinted safety glass with IDE silk-screen printed on them.
- Doors for IP65 cabinets with sealing gasket to guarantee the cabinet's degree of protection.
- Four C-shaped common elements are supplied for securing the hinges and for locking the enclosure. This makes all the doors reversible.

Locks

- Standard 5-mm ¼ turn double-bit lock. All references have two locks.
- Other types of locks are supplied as accessories.

Removable chassis (integrated in IP40-IP65 compact cabinets)







IP 40 IP 65 CE

IP40 FLUSH-FIT CABINETS






Enclosure

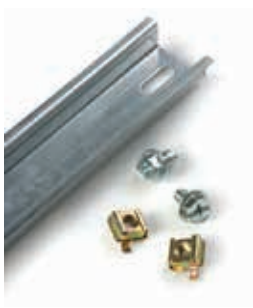
- Manufactured in galvanised steel, totally protected from any rust that may be caused due to wall humidity. It consists of a single folded part, with easy-to-break knock-out entries of 100x50 mm for cable entry and trunking.
- It also has two wings for wall-mounting which provide better attachment in flush-fitting.

Flush-fit enclosures can be combined, thus achieving large-sized structures and modular capacity

Frame

- The cabinet's frame acts as a rack, and all the electrical switchgear can be fitted on the workbench separate from the flush-fit base.
- It has two 25-mm rectangular cut-out strips to which all the equipment is assembled by means of caged nuts and suitable screws.
- The cabinet sides have large spaces for wiring, where cable trunks with a width of 40 mm or 60 mm can be fitted. If cables need to be run below the frame there is a space of 30 mm between the frame and the bottom.
- The frame with all the switchgear fitted is assembled on a flush-fit base. The cut-outs are all oval-shaped, thus allowing any deviations in the flush-fit to be corrected.






Door

- Possibility of opaque or transparent door.
- Opaque doors made from sheet with a thickness of 1.2 mm.
- Transparent doors manufactured with 4-mm thick tempered and tinted safety glass with IDE silk-screen printed on them.
- The doors are totally flat to enhance the aesthetic appeal of the flush-fit.
- They are secured to the frame by means of inside hinges, which means that all the doors are reversible.

Locks

- Standard 5-mm ¼ turn double-bit lock. All references have two locks.
- Other types of locks are supplied as accessories.

Lid + DIN rail kit (for surface and flush-fit cabinets)

DIN rail for surface cabinets

- Each rail has a standard capacity of 24 modules.
- Omega rail or chassis clip-on mounting system.
- Depth-adjustable supports that permit a DIN rail height variation in the range of 45 mm. The support has three pre-marked positions corresponding to the three standard heights for modular electrical switchgear.
- Height can be adjusted either prior to delivery or once the sub-assembly has been fitted in the enclosure.
- In order to fit the rails in the right position in the enclosure profiles or in the chassis, a ruler is supplied where the positions of the holes to be used is pre-marked, depending on the number of rails to be installed.

DIN rail for flush-fit cabinets

- Each rail has a standard capacity of 24 modules.
- Rail attached directly to the frame by means of M6 caged nuts and M6x10 screws.
- Fixed distance between DIN rails and protection lids.
- In order to fit the rails in the right position, in the frame profiles, a ruler is supplied where the positions of the holes to be used are pre-marked, depending on the number of rails to be installed.

Distance between rail and lid:

- Surface cabinets: 50.5 - 96 mm.
- Flush-fit cabinets: 50.5 mm.

Distance between lid and door

- Surface cabinets: 45.5 mm.
- Flush-fit cabinets: 33.5 mm.

Modular lids

Possibility of plastic and metal lids.

Plastic lids:

- Hinged, they are closed by means of a clipping system; a tool is needed to open the lid, as provided for by the applicable regulations.

Manufactured in ABS, RAL 9003 Signal White.
- Modular: Height of 150 mm and 200 mm with capacity for 24 modules.
- Plain: Height of 50, 150 and 200 mm.

Metal lids:

- Fixed, bolted to the cabinet's structure by means of M6 caged nuts and M6x10 anti-twist screws.
- Made of RAL 9003 Signal White cold-rolled steel.
- Modular: Height of 150 and 200 mm with capacity for 24 modules; height of 300 and 400 mm with capacity for 48 (2x24) modules.
- Plain: Height of 50, 150, 200, 300 and 400 mm.



PLASTIC LID KIT



METAL LID KIT

Calculation of modules according to lids

Initial number of modules	Inner space	200 mm lids	150 mm lids	50 mm plain lids	Number of modules obtained
48	450	2	-	1	48
		-	3	-	72
72	650	3	-	1	72
		-	4	1	96
96	850	4	-	1	96
		-	5	2	120
120	1050	5	-	1	120
		2	4	1	144
		-	7	-	168
144	1250	6	-	1	144
		3	4	1	168
		4	3	-	168
		-	8	1	192

IP 40 IP 65 CE

Moulded-case circuit breaker (MCCB) mounting system

- Mounting system comprising a cover, plate and four adjustment supports.
- The layout of the MCCB (up to 400 A) may be horizontal and/or vertical.
- The three cover + supports + plate references must be ordered.

Moulded-case circuit breaker cover (MCCB)



Reference No.	Lid height	For switch
	mm	
TMCB200	200	MCCB
TMCB250	250	MCCB
TMCB300	300	MCCB
TMCB400	400	MCCB

Molded-case plate (MCCB)



Reference No.	Dimensions
	HEIGHT X WIDTH
PMCB200	165x385
PMCB250	215x385
PMCB300	265x385
PMCB350	315x385

Support for moulded box plate (MCCB)

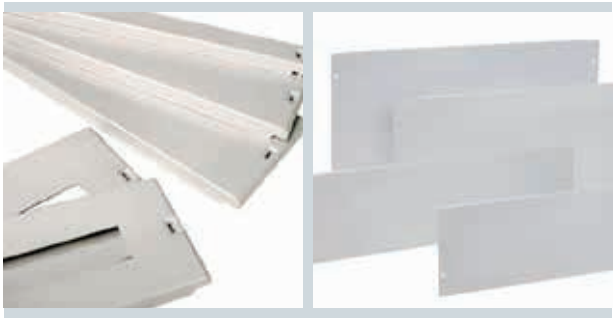


Reference No.	Dimensions
48345/250	Plate support for moulded box for cab. Depth 250

Possibility of plastic and metal lids in two heights: 100 and 200 mm



SURFACE FLUSH-FIT



PLASTIC METAL

DIN rail kits

Ref. No.	Description
48013	DIN rail 24 modules + SURFACE assembly supports
48014	DIN rail 24 modules + FLUSH-FIT assembly supports

Hinged plastic lids

Reference No.		Lid height	Modules
PLAIN	MODULAR	mm	
TC50	**-**	50	-
TC150	**TM150**	150	24
TC200	**TM200**	200	24

Fixed metal lids

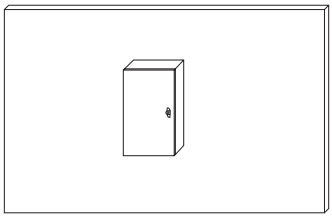
Reference No.		Lid height	Modules
PLAIN	MODULAR	mm	
TCM50F	**-**	50	-
TCM100F	**TMM100F**	100	24
TCM150F	**TMM150F**	150	24
TCM200F	**TMM200F**	200	24
TCM300F	**TMM300F**	300	2x24
TCM400F	**TMM400F**	400	2x24

IP30-IP40 Steel distribution cabinets. Surface. Combinable

Reference No.	Door Reference No.	Dim. cabinet			Usable height space	Cable entry	Hanger distance	Modular capacity	Weight		Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
		A	B	C	D	F	G	H		CAB.	DOOR	kg	20	25	30	35	40
40ENL48-72	**PO40SUP48-72**	510	670	212	450	440	106	586	48-72	10.9	4.4	20	95.9	119.9	143.9	167.8	191.8
	PT40SUP48-72										5.2						
40ENL72-96	**PO40SUP72-96**	710	670	212	650	440	106	786	72-96	13.8	5.8	30	124.9	156.2	187.4	218.6	249.9
	PT40SUP72-96										6.9						
40ENL96-120	**PO40SUP96-120**	910	670	212	850	440	106	986	96-120	17.1	7.1	40	154.0	192.5	230.9	269.4	307.9
	PT40SUP96-120										8.4						
40ENL120-168	**PO40SUP120-168**	1110	670	212	1050	440	106	1186	120-168	20.3	8.6	50	183.0	228.7	274.5	320.2	366.0
	PT40SUP120-168										10.1						
40ENL144-192	**PO40SUP144-192**	1310	670	212	1250	440	106	1386	144-192	23.3	9.9	60	185.9	232.4	278.9	325.3	371.8
	PT40SUP144-192										11.7						

RAL 9003 Signal White rolled steel.
Cabinets are supplied empty, without lids or DIN rail.
The corresponding lid + DIN rail kit must be ordered (see lid kit table).
Cabinets supplied without door.
PO: Opaque door - PT: transparent door; two references must be ordered: door + enclosure.

SEE DIMENSIONS ON PAGE 372.
SEE ACCESSORIES ON PAGE 374.



Lid kits (Surface)

Reference		Modular cap.	Mod. Lids 200 mm	Mod. Lids 150 mm	Plain lids 50 mm	DIN rails	For type cabinets
PLASTIC	METAL						
S48P200	**S48M200**	48 MOD.	2	-	1	2	40ENL48-72
S72P150	**S72M150**	72 MOD.	-	3	-	3	40ENL48-72
S72P200	**S72M200**		3	-	1	3	40ENL72-96
S96P150	**S96M150**	96 MOD.	-	4	1	4	40ENL72-96
S96P200	**S96M200**		4	-	1	4	40ENL96-120
S120P150	**S120M150**	120 MOD.	-	5	2	5	40ENL96-120
S120P200	**S120M200**		5	-	1	5	40ENL120-168
S168P150	**S168M150**	168 MOD.	-	7	-	7	40ENL120-168
S144P200	**S144M200**	144 MOD.	6	-	1	6	40ENL144-192
S192P150	**S192M150**	192 MOD.	-	8	1	8	40ENL144-192



40ENL48-72



40ENL72-96



40ENL96-120



40ENL120-168



40ENL144-192

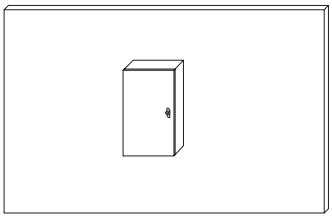
IP 40 IP 65 CE

IP30-IP40 Steel distribution cabinets. Flush-fit

Reference No.	Dim. cabinet			Usable height space	Enclosure to be flush-fitted			Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	F	G	H		kg	kg	20	25	30	35	40
40EMP48-72PO	597	737	120	450	520	660	100	48-72	18.4	20	81.9	102.4	122.9	143.3	163.8
40EMP72-96PO	797	737	120	650	720	660	100	72-96	22.6	30	107.1	133.9	160.7	187.5	214.2
40EMP96-120PO	997	737	120	850	920	660	100	96-120	27.4	40	132.3	165.4	198.5	231.6	264.7
40EMP120-168PO	1197	737	120	1050	1120	660	100	120-168	31.6	50	157.5	196.9	236.3	275.7	315.1
40EMP144-192PO	1397	737	120	1250	1320	660	100	144-192	36.3	60	182.8	228.4	274.1	319.8	365.5

Enclosure: Galvanised steel. Door: RAL 9003 Signal White rolled steel.
Cabinets are supplied empty, without lids or DIN rail.
The corresponding lid + DIN rail kit must be ordered (see lid kit table).
Cabinets supplied with door; PO: opaque door.

SEE DIMENSIONS ON PAGE 372.
SEE ACCESSORIES ON PAGE 374.



Lid kits (Flush-fit)

Reference		Modular cap.	Mod. Lids 200 mm	Mod. Lids 150 mm	Plain lids 50 mm	DIN rails	For type cabinets
PLASTIC	METAL						
E48P200	**E48M200**	48 MOD.	2	-	1	2	40EMP48-72
E72P150	**E72M150**	72 MOD.	-	3	-	3	40EMP48-72
E72P200	**E72M200**		3	-	1	3	40EMP72-96
E96P150	**E96M150**	96 MOD.	-	4	1	4	40EMP72-96
E96P200	**E96M200**		4	-	1	4	40EMP96-120
E120P150	**E120M150**	120 MOD.	-	5	2	5	40EMP96-120
E120P200	**E120M200**		5	-	1	5	40EMP120-168
E168P150	**E168M150**	168 MOD.	-	7	-	7	40EMP120-168
E144P200	**E144M200**	144 MOD.	6	-	1	6	40EMP144-192
E192P150	**E192M150**	192 MOD.	-	8	1	8	40EMP144-192



40EMP48-72



40EMP72-96



40EMP96-120



40EMP120-168



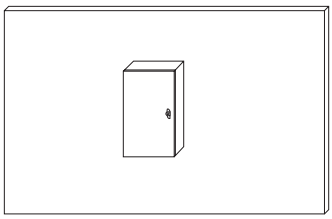
40EMP144-192

IP40 Steel distribution cabinets. Surface. Compact

Reference No.	Dim. cabinet			Usable height space	Cable entry		Hanger distance	Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	F	G	H		kg	kg	20	25	30	35	40
40SUP48-72PO	510	670	212	450	440	106	586	48-72	15.4	20	95.9	119.9	143.9	167.8	191.8
40SUP48-72PT									17.4						
40SUP72-96PO	710	670	212	650	440	106	786	72-96	20.0	30	124.9	156.2	187.4	218.6	249.9
40SUP72-96PT									20.6						
40SUP96-120PO	910	670	212	850	440	106	986	96-120	24.5	40	154.0	192.5	230.9	269.4	307.9
40SUP96-120PT									28.6						
40SUP120-168PO	1110	670	212	1050	440	106	1186	120-168	29.3	50	183.0	228.7	274.5	320.2	366.0
40SUP120-168PT									30.0						
40SUP144-192PO	1310	670	212	1250	440	106	1386	144-192	33.9	60	185.9	232.4	278.9	325.3	371.8
40SUP144-192PT									34.7						

RAL 9003 Signal White rolled steel.
Cabinets are supplied empty, without lids or DIN rail.
The corresponding lid + DIN rail kit must be ordered (see lid kit table).
Cabinets supplied with door; PO: opaque door - PT: transparent door.

SEE DIMENSIONS ON PAGE 373.
SEE ACCESSORIES ON PAGE 374.



INTEGRATED REMOVABLE CHASSIS

Lid kits (Surface)

Reference		Modular cap.	Mod. Lids 200 mm	Mod. Lids 150 mm	Plain lids 50 mm	DIN rails	For cabinets
PLASTIC	METAL						
S48P200	**S48M200**	48 MOD.	2	-	1	2	65SUP48-72
S72P150	**S72M150**	72 MOD.	-	3	-	3	65SUP48-72
S72P200	**S72M200**		3	-	1	3	65SUP72-96
S96P150	**S96M150**	96 MOD.	-	4	1	4	65SUP72-96
S96P200	**S96M200**		4	-	1	4	65SUP96-120
S120P150	**S120M150**	120 MOD.	-	5	2	5	65SUP96-120
S120P200	**S120M200**		5	-	1	5	65SUP120-168
S168P150	**S168M150**	168 MOD.	-	7	-	7	65SUP120-168
S144P200	**S144M200**	144 MOD.	6	-	1	6	65SUP144-192
S192P150	**S192M150**	192 MOD.	-	8	1	8	65SUP144-192


40SUP48-72


40SUP72-96


40SUP96-120


40SUP120-168


40SUP144-192

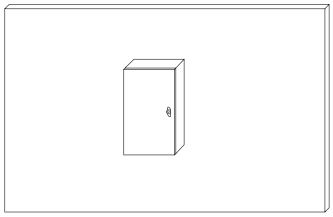
IP 40 IP 65 CE

IP65 Steel distribution cabinets. Surface. Compact

Reference No.	Dim. cabinet			Usable height space	Cable entry		Hanger distance	Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
	A	B	C	D	F	G	H		kg	kg	20	25	30	35	40
65SUP48-72PO	510	670	212	450	500	80	586	48-72	15.3	20	95.9	119.9	143.9	167.8	191.8
65SUP48-72PT									16.1						
65SUP72-96PO	710	670	212	650	500	80	786	72-96	19.3	30	124.9	156.2	187.4	218.6	249.9
65SUP72-96PT									20.4						
65SUP96-120PO	910	670	212	850	500	80	986	96-120	23.8	40	154.0	192.5	230.9	269.4	307.9
65SUP96-120PT									25.1						
65SUP120-168PO	1110	670	212	1050	500	80	1186	120-168	27.9	50	183.0	228.7	274.5	320.2	366.0
65SUP120-168PT									29.4						
65SUP144-192PO	1310	670	212	1250	500	80	1386	144-192	32.3	60	185.9	232.4	278.9	325.3	371.8
65SUP144-192PT									34.2						

RAL 9003 Signal White rolled steel.
Cabinets are supplied empty, without lids or DIN rail.
The corresponding lid + DIN rail kit must be ordered (see lid kit table).
Cabinets supplied with door: PO: opaque door - PT: transparent door.

SEE DIMENSIONS ON PAGE 373.
SEE ACCESSORIES ON PAGE 374.



INTEGRATED REMOVABLE CHASSIS

Integrated removable chassis (Compact cabinets IP40-IP65)





65SUP48-72



65SUP72-96



65SUP96-120

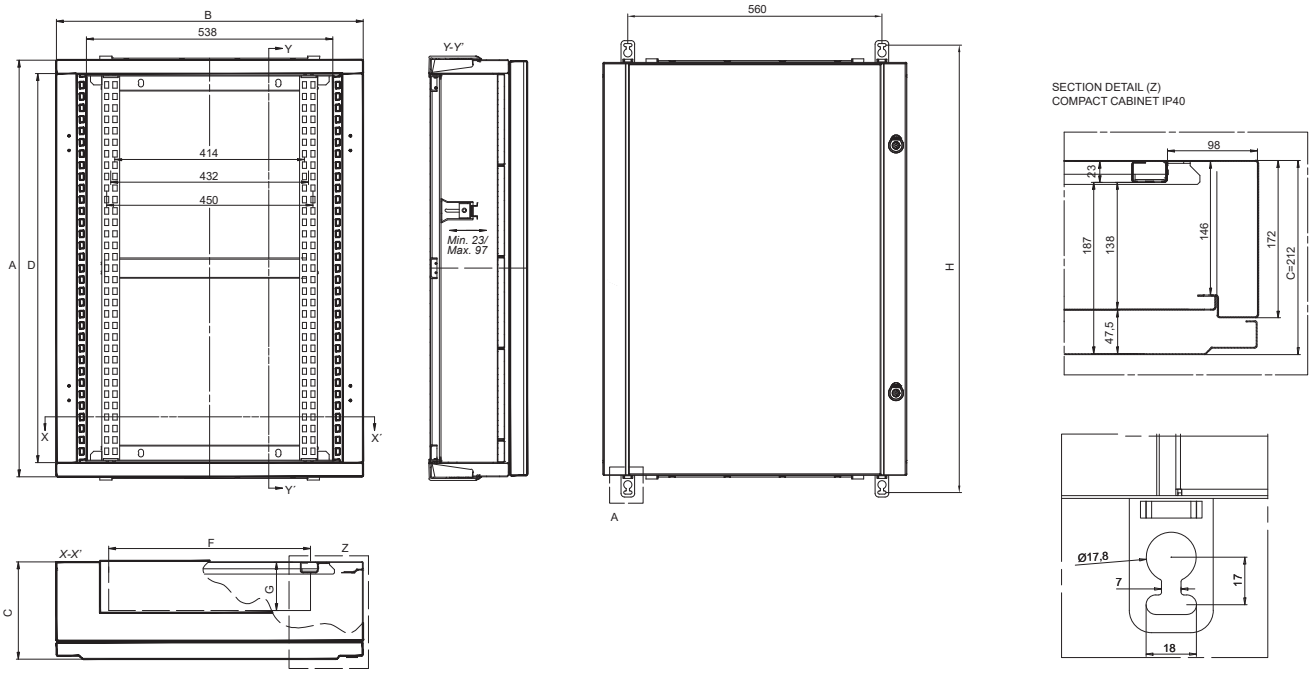


65SUP120-168

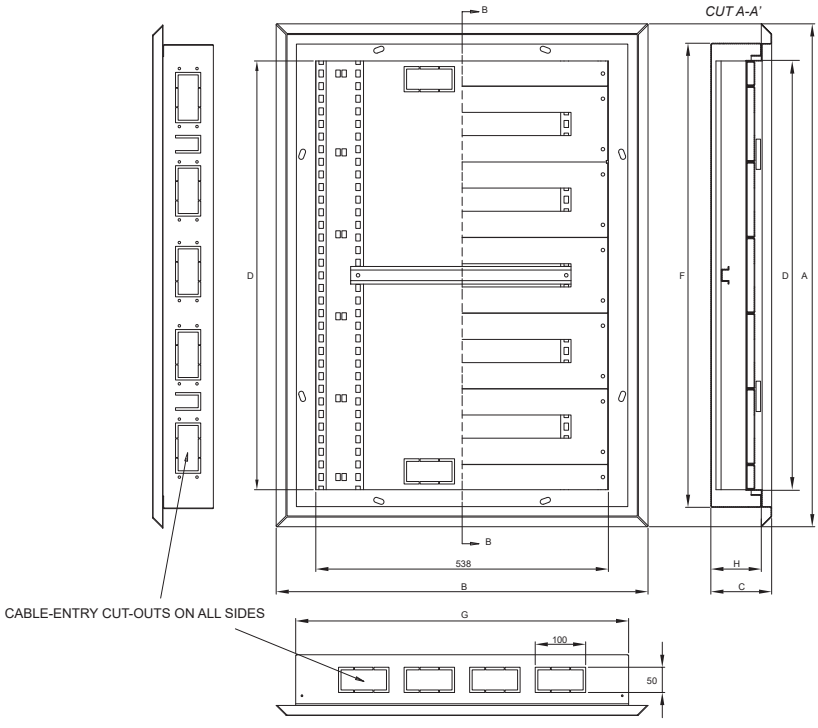


65SUP144-192

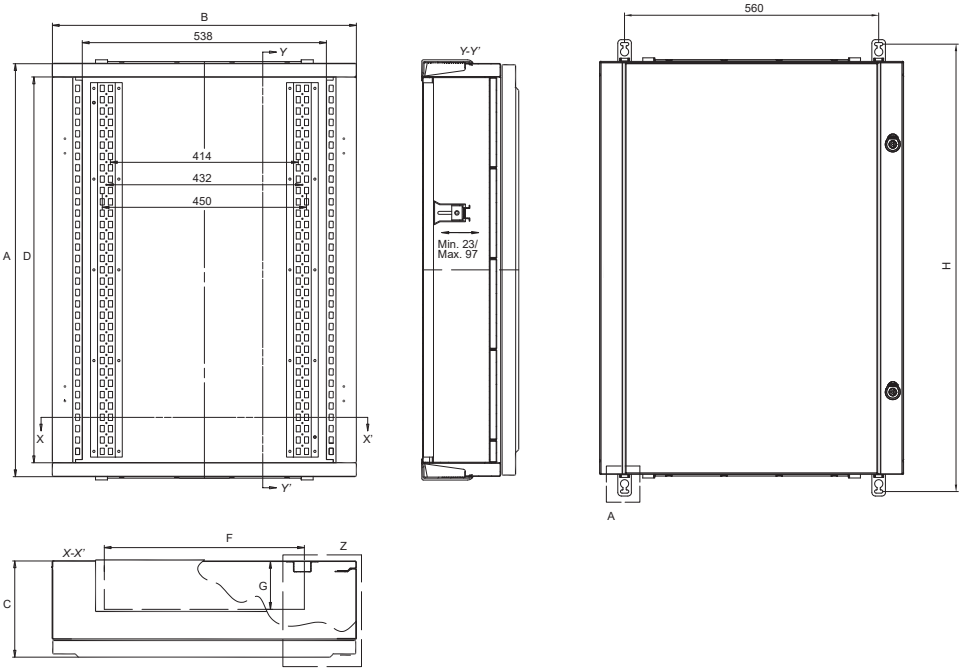
Dimensions: IP40 combinable surface cabinets



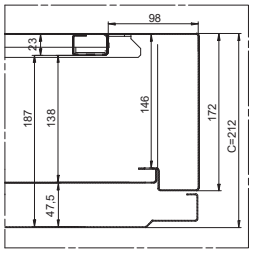
Dimensions: IP40 flush-fit cabinets

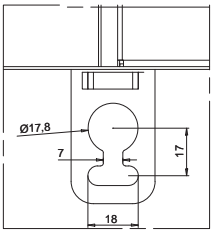


Dimensions: IP40 compact surface cabinets

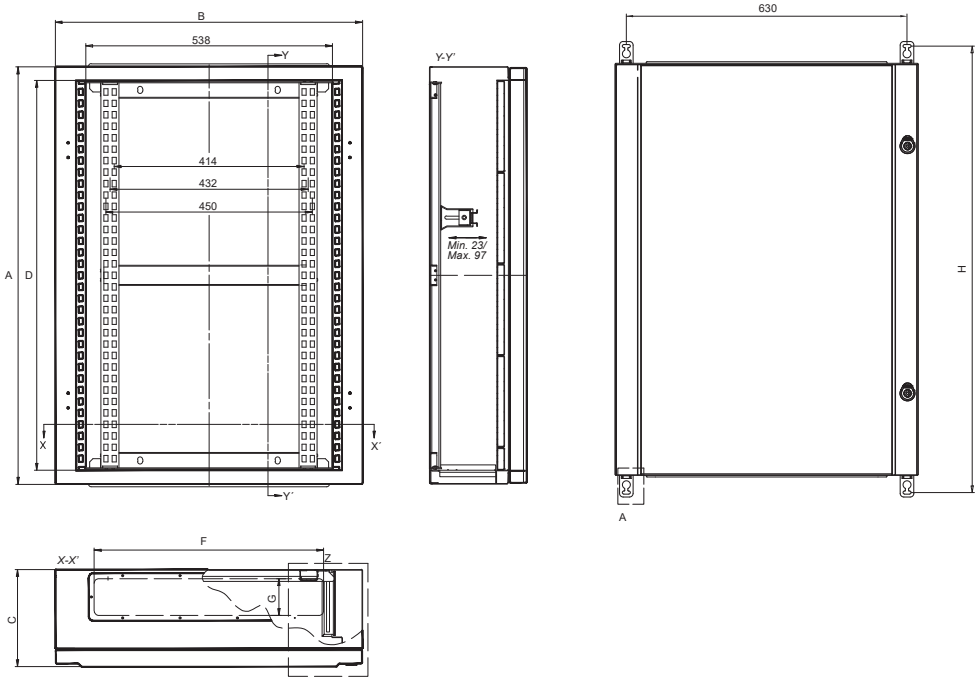


SECTION DETAIL (Z)
COMPACT CABINET IP40

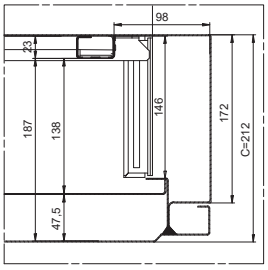


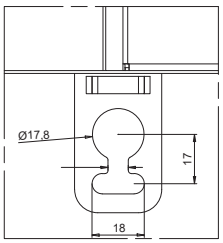


Dimensions: IP65 compact surface cabinets



SECTION DETAIL (Z)
COMPACT CABINET IP65





Plastic lids



Reference No.	Dimensions		Number of modules
MODULAR	**HEIGHT**	**WIDTH**	
TM150	150	577	24
TM200	200	577	24
PLAIN	**HEIGHT**	**WIDTH**	
TC50	50	577	-
TC150	150	577	-
TC200	200	577	-

MATERIAL: ABS RAL 9003 Signal White.
CHARACTERISTICS: Hinged and reversible. They are closed by means of a clipping system.

Metal lids



Reference No.	Dimensions		Number of modules
FIXED PLAIN	**HEIGHT**	**WIDTH**	
TMM150F	150	577	24
TMM200F	200	577	24
TMM300F	300	577	2x24
TMM400F	400	577	2x24
FIXED BLIND	**HEIGHT**	**WIDTH**	
TCM50F	50	577	-
TCM100F	100	577	-
TCM150F	150	577	-
TCM200F	200	577	-
TCM300F	300	577	-
TCM400F	400	577	-

MATERIAL: RAL 9003 Signal White cold-rolled steel.
CHARACTERISTICS: Fixed, bolted to the structure by means of M6 caged nuts and M6x10 anti-twist screws.

Moulded-case circuit breaker cover (MCCB)



Reference No.	Dimensions		For switch
	HEIGHT	WIDTH	
TMCB200	200	577	MCCB
TMCB250	250	577	MCCB
TMCB300	300	577	MCCB
TMCB400	400	577	MCCB

Molded-case plate (MCCB)



Reference No.	Dimensions		
	HEIGHT	WIDTH	
PMCB200	165	385	-
PMCB250	215	385	-
PMCB300	265	385	-
PMCB350	315	385	-

Support for moulded box plate (MCCB)



Reference No.	Description
48345/250	Plate support for moulded box for cab

MATERIAL: RAL 9003 Signal White painted steel cover. Plate and adjustment elements in 2-mm thick galvanised steel.
CHARACTERISTICS: Cover plus plate system for installing moulded-case circuit breakers (MCCBs) up to 630A. MCCB layout can be horizontal and/or vertical. The supports are height-adjustable.
SUPPLY: The three cover + supports + plate references must be ordered.

Upon request, custom machined lids for different types of MCCB or control and measurement elements. Request more information at export@ide.es

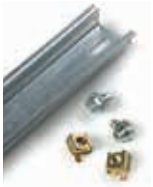
DIN rail kit for surface cabinets



Reference No.	Description	Number of modules
48013	DIN rail + supports for surface assembly	24

MATERIAL: Galvanised steel.
CHARACTERISTICS: Mounting system using depth-adjustable clips. 35x15 mm DIN rail.
SUPPLY: Pack of 2 brackets + DIN rail 35x15 mm.
FOR THE FOLLOWING CABINETS: 40ENL-40SUP-65SUP.

DIN rail kit for flush-fit cabinets



Reference No.	Description	Number of modules
48014	DIN rail + supports for flush-fit assembly	24

MATERIAL: Galvanised steel.
CHARACTERISTICS: Rail attached directly to the frame. Fixed distance between rails and protection lids.
SUPPLY: Pack of 35x15 mm DIN rail + screws.
FOR THE FOLLOWING CABINETS: 40EMP.

Auxiliary modules



Reference No.	Dimensions	Usable space		For cabinet
SIDE	**HEIGHTX WIDTHX DEPTH**	**HEIGHT**	**WIDTH**	
MEL4048	510x350x212	450	209	40ENL48-72
MEL4072	710x350x212	650	209	40ENL72-96
MEL4096	910x350x212	850	209	40ENL96-120
MEL40120	1110x350x212	1050	209	40ENL120-168
MEL40144	1310x350x212	1250	209	40ENL144-192
CENTRAL				
MEC4048	510x350x212	450	209	40ENL48-72
MEC4072	710x350x212	650	209	40ENL72-96
MEC4096	910x350x212	850	209	40ENL96-120
MEC40120	1110x350x212	1050	209	40ENL120-168
MEC40144	1310x350x212	1250	209	40ENL144-192

MATERIAL: RAL 9003 Signal White painted sheet steel.
CHARACTERISTICS: Possibility of installing auxiliary side or central module.
Used for the installation of busbars, switches, control equipment etc., leaving more space inside the cabinet.
Opaque door with standard 5-mm double bit lock.
FOR THE FOLLOWING CABINETS: 40ENL.

Cover kit for busbar



Reference No.	Gap dimensions		Height dimensions		For cabinet
	HEIGHT	WIDTH	LID 1	LID 2	NO. OF MODULES
48660	450	248	450	-	48
48661	650	248	650	-	72
48662	850	248	850	-	96
48663	1050	248	600	450	120
48664	1250	248	800	450	144

MATERIAL: RAL 9003 Signal White painted sheet steel.
CHARACTERISTICS: All the accessories necessary for assembly are supplied.
They provide additional protection for busbars.

Moulded-case circuit breaker and busbar cover kit





Reference No.	Dimensions			For cabinet
	MCCB COVER	PLAIN LID	PLATE	NO. OF MODULES
48700	450x248	-	300x212	48
48701	450x248	200x248	300x212	72
48702	450x248	400x248	300x212	96
48703	450x248	600x248	300x212	120
48704	450x248	800x248	300x212	144

MATERIAL: Mounting plate in galvanised steel. RAL 9003 Signal White painted steel protection lid.
CHARACTERISTICS: Independent offset lid to prevent interference with the door. Includes mounting plate and height-adjustable support. It is supplied with all the accessories required for installation.
Possibility of fitting the moulded-case circuit breaker (MCCB) up to 630 A in the upright position.

Upon request, custom machined lids for different types of MCCB or control and measurement elements. Request more information at export@ide.es

Combination + extension ENL cabinets



Reference No.	Dimensions	No. of modules	For cabinet
COMBINABLE SURFACE CABINET	HEIGHT		
EE6751	450	48	40ENL48-72
EE6771	650	72	40ENL72-96
EE6791	850	96	40ENL96-120
EE67111	1050	120	40ENL120-168
EE67113	1250	144	40ENL144-192

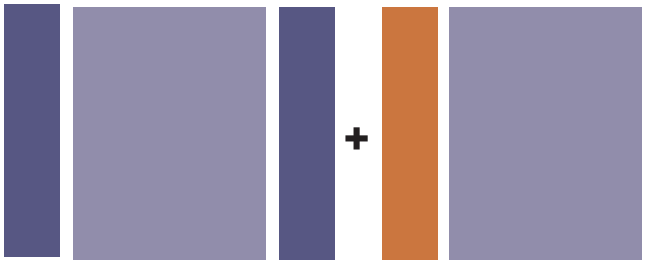
MATERIAL: RAL 9003 Signal White painted sheet steel.

CHARACTERISTICS: It permits the connection and extension of ENL-type surface enclosures using a clipping system. It contains the joining structure, plus the cabinet extension. (Door not included).

FOR THE FOLLOWING CABINETS: 40ENL.

How to join two 40ENL72-96 cabinets

REFERENCES



Ref. Cabinet 40ENL72-96
It includes one rear and two side panels.

Ref. Extension EE6771
It includes one rear panel and one joining structure.

FINAL SET



Door must be requested separately.

Joining structure for flush-fit cabinets



Reference No.	Description	Pack
FLUSH-FIT CABINET		
48007	Joining structure	2-piece pack

MATERIAL: Galvanised steel.

CHARACTERISTICS: It is used to join flush-fit enclosures. The piece is secured to the bases, allowing you to run cables between cabinets.

FOR THE FOLLOWING CABINETS: 40EMP.

Trunking support kit



Reference No.	Description	Pack
VERTICAL		
48243	Vertical trunking support	6-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Supports for fixing cable-distribution trunking vertically.
Housing for vertical trunking up to 60x60.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 6 supports + fixing screws.
FOR THE FOLLOWING CABINETS: 40SUP-40ENL-40EMP-65SUP.



Reference No.	Description	Pack
HORIZONTAL		
49368	Horizontal trunking support	2-piece pack

MATERIAL: ABS RAL 7035.
CHARACTERISTICS: Supports for fixing cable-distribution trunking horizontally.
Two horizontal trunking fixing positions for separation between 150 or 200 mm DIN rails.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 2 supports + fixing screws.
FOR THE FOLLOWING CABINETS: 40SUP-40ENL-40EMP-65SUP.

Wall-mounting support



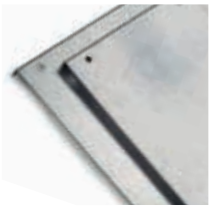
Reference No.	Description	Pack
48427	Wall-mounting support	4-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They are attached to the rear part of the cabinet vertically or horizontally.
SUPPLY: Pack of 4 supports + screws.
FOR THE FOLLOWING CABINETS: 40SUP-40ENL-65SUP.

Mounting plates



Ref. PLC



Ref. PLM

Reference No.	Dimensions		No. of adjustable supports
PARTIAL PLAIN	HEIGHT	WIDTH	
PLM200	200	478	1
PLM300	300	478	1
PLC450	450	430	-
PLC600	600	430	-
TOTAL PLAIN			
PLM850	850	478	2
PLM1050	1050	478	2
PLM1250	1250	478	2

MATERIAL: Mounting plate in 2-mm thick galvanised steel.

CHARACTERISTICS: The mounting elements must be ordered for the height adjustment of the PLM plates: Ref. 48340 for surface cabinets and ref. 48022 for flush-fit cabinets.

FOR THE FOLLOWING CABINETS: 40SUP-40ENL-40EMP-65SUP.

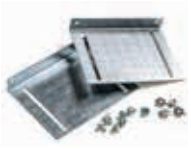
Rail and plate mounting elements



Ref. 48012



Ref. 48022



Ref. 48340



Ref. 48444

Reference No.	Description	Pack
48012	Rail clamp	10-piece bag
48022	Rail and plate mounting element for flush-fi t cabinets	4-piece pack
48340	Adjustable plate mounting elements for surface cabinets	2-piece pack
48444	Rail mounting element for surface cabinets	4-piece pack

CHARACTERISTICS: Ref. 48340 only for PLM200 and PLM300 plates.

Spare doors



Reference No.	Description	For cabinet
IP40 FLUSH-FIT		**Nº. OF MODULES**
PO40EMP48-72	Opaque	48-72
PT40EMP48-72	Transparent	48-72
PO40EMP72-96	Opaque	72-96
PT40EMP72-96	Transparent	72-96
PO40EMP96-120	Opaque	96-120
PT40EMP96-120	Transparent	96-120
PO40EMP120-168	Opaque	120-168
PT40EMP120-168	Transparent	120-168
PO40EMP144-192	Opaque	144-192
PT40EMP144-192	Transparent	144-192
IP40 SURFACE		**Nº. OF MODULES**
PO40SUP48-72	Opaque	48-72
PT40SUP48-72	Transparent	48-72
PO40SUP72-96	Opaque	72-96
PT40SUP72-96	Transparent	72-96
PO40SUP96-120	Opaque	96-120
PT40SUP96-120	Transparent	96-120
PO40SUP120-168	Opaque	120-168
PT40SUP120-168	Transparent	120-168
PO40SUP144-192	Opaque	144-192
PT40SUP144-192	Transparent	144-192
IP65 SURFACE		**Nº. OF MODULES**
PO65SUP48-72	Opaque	48-72
PT65SUP48-72	Transparent	48-72
PO65SUP72-96	Opaque	72-96
PT65SUP72-96	Transparent	72-96
PO65SUP96-120	Opaque	96-120
PT65SUP96-120	Transparent	96-120
PO65SUP120-168	Opaque	120-168
PT65SUP120-168	Transparent	120-168
PO65SUP144-192	Opaque	144-192
PT65SUP144-192	Transparent	144-192

MATERIAL: RAL 9003 Signal White painted sheet steel.
CHARACTERISTICS: Doors supplied with 5-mm 1/4 turn double-bit lock.
Possibility of opaque or transparent door.
FOR THE FOLLOWING CABINETS: 40SUP-40ENL-65SUP-40EMP.

Standard locks


Ref. 48445


Ref. 48446

Reference No.	Description
48445	5-mm double-bit lock (surface)
48446	5-mm double-bit lock (flush-fit)

CHARACTERISTICS: Housing manufactured in RAL 7037 Dusty Grey polyamide and latch in steel.
5-mm double-bit key not included.
IP66 degree of protection.

Locks with key


Ref. 48447


Ref. 48448

Reference No.	Description
48447	1/4 turn lock + key code 333 (surface)
48448	1/4 turn lock + key code 333 (flush-fit)

CHARACTERISTICS: Housing manufactured in RAL 7037 Dusty Grey polyamide and latch in steel.
Aluminium key with code 333 included (1 pc.) (Ref. 48550 for spare).
IP54 degree of protection.

Wing nut locks


Ref. 48458


Ref. 48459


Ref. 48542

Reference No.	Description
48458	1/4 turn lock with wing nut with key code 333 (surface)
48459	1/4 turn lock with wing nut with key code 333 (flush-fit)
48542	1/4 turn lock with fixed wing nut without key (surface)

CHARACTERISTICS: Housing manufactured in black polyamide and latch in steel.
Aluminium key with code 333 included (1 pc.). (Ref. 48550 for spare).
IP66 degree of protection.

Keys


Ref. 48550


Ref. 48449


Ref. 48460

Reference No.	Description
48449	5-mm double-bit key in polyamide
48460	5-mm double-bit key in zamak
48550	1/4 turn key code 333

ATLANTIC PLUS





IP40-IP55 Steel distribution cabinets

(192-288 modules)

The ATLANTIC PLUS series has been designed to satisfy the needs of large installations which, due to their construction characteristics, require a specific type of cabinet with average installed capacities, good modular capacity and an attractive design.

They are available in two versions, IP40 detachable and IP55 compact, with a height of 2110 mm and a capacity from 192 to 288 modules. They are designed for use in public premises such as corridors in shopping malls, hospitals, hotels, schools, etc.

IP 40 IP 55 CE



ATLANTIC PLUS
Technical characteristics

- **Degree of protection:**
  Combinable surface cabinets: IP40.
  Compact surface cabinets: IP55.
- **Resistance to impact:**
  Opaque door: IK10.
  Transparent door: IK09.
- **Ambient temperature range:** -25 °C / +40 °C.

ATLANTIC PLUS Certifications

CE

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

ATLANTIC PLUS Electrical properties

- **Max. rated operating voltage (Ue):** 1000 V AC / 1500 V DC.
- **Rated insulation voltage (Ui):** 1000 V AC.
- **Rated impulse withstand voltage (Uimp):** 8 kV
  (depending on type of accessory).
- **Current (Ie):** 630 A (depending on type of accessory).
- **Rated short-time withstand current (Icw):** 33 kA 1s.
- **Rated peak withstand current (Ipk):** 69 kA.

ATLANTIC PLUS

IP40-IP55 Steel distribution cabinets



Product series

Standard

- IP40 combinable surface cabinets with opaque or transparent door.
- IP55 compact surface cabinets with opaque or transparent door.
- Modular capacity for 1810 mm cabinets: from 192 to 240 modules.
- Modular capacity for 2110 mm cabinets: from 216 to 288 modules.
- Depth: 250- 300 mm.

Supply

IP40 combinable surface cabinets

They are supplied disassembled in a single packaging that contains:

- Enclosure.
- Sides.
- Top and bottom cover.
- Cable-entry cover.
- Frame.
- Plinth.
- Door.
- Accessory bag: Lifting and mounting pack, hinges, covers, cable-gland, screws, and key.

IP55 compact surface cabinets

They are supplied assembled in a single packaging that contains:

- Cabinet.
- Door.
- Frame.
- Plinth.
- Accessory bag: Lifting and mounting pack, covers, cable-gland, screws and key.

Intended for large facilities in the tertiary and residential sector: shopping centers, hospitals...

Material

- Enclosure, sides, and top and bottom covers made of 1.2-mm thick EN 10130+A1 cold-rolled steel.
- Opaque doors made of 1.2-mm thick EN 10130+A1 cold-rolled steel.
- Transparent doors made of 4-mm thick tempered safety glass.
- Plinth made of EN 10130+A1 cold rolled steel. Side supports: 3-mm thick. Front and side covers 1.2-mm thick.

Finish

- Coated with hardened RAL 9003 Signal White epoxy-polyester paint, embossed.

Protection

- Corrosion resistance according to the UNE-EN 62208 standard. For outdoor installations, the effect of the corrosion must be taken into consideration.

Standard painting cycle

- **Degreasing:** Removal of remains of contaminants by means of a neutral stripper and tensoactive concentrate.
- **Rinsing:** Two rinses, the first one with mains water and the second one with demineralised water.
- **Passivation:** Thin-coat conversion agent.
- **Drying:** With hot air (in a tunnel at 100 °C).
- **Painting:** Coated with hardened RAL 9003 epoxy-polyester paint.
- **Firing:** Furnace polymerisation adherence at 180 °C for 15-20 min.

IP40 COMBINABLE SURFACE CABINETS



Enclosure

- Totally assemblable enclosure that is supplied disassembled to give the installer greater versatility and facilitate assembly and wiring.
- The enclosure is a flat component with two profiles, to which all the unit's equipment is secured. The profiles have two 25-mm rectangular cut-out lines to insert caged nuts to secure accessories, and a third line with 3 mm-diameter circular holes for screwing them directly to the wall.
- Lifting and transport system based on two flanges secured to the base of the cabinet, included in the unit.
- The enclosure is totally reversible, and the electrical switchgear can be installed in any position.

Sides

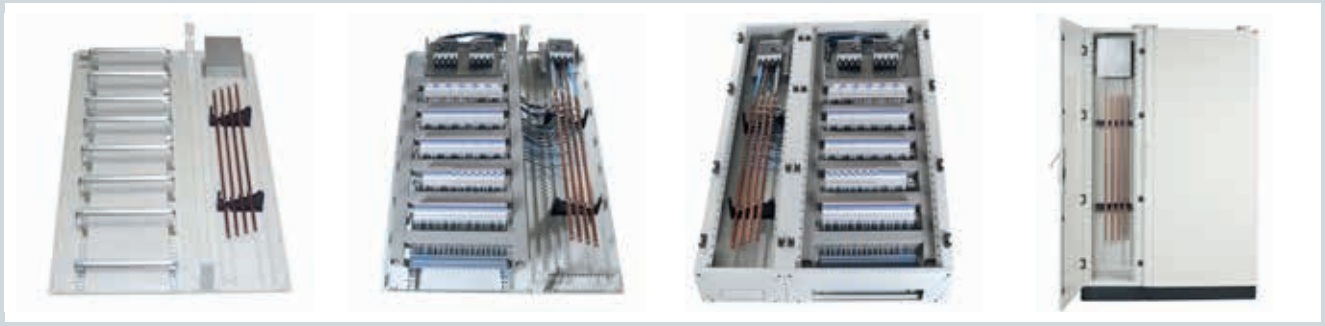
- The sides are secured to the base by means of clips.
- The hinges and retainers are secured to the sides by machined screws. The sides are reversible, and the doors can be opened to the right or to the left.
- The top and bottom covers are secured to the side by means of riveted nuts.

Top and bottom covers

- The cabinet is supplied with a cover for cable entry at the top and the bottom.
- On the top, plastic covers can be fitted that allow the cables to enter secured to the base (even cables attached to trays). It has two riveted nuts in order to secure the lifting supports that are supplied with the unit.
- The bottom cover has a 500x80-mm gap in the centre for the assembly of metal covers for cable entry and also has four riveted bolts for installing the 100-mm plinth included in the unit.
- The two covers, top and bottom, are secured to the side by means of clips, and screws are used to reinforce the join between cover, side and base.



Enclosures can be joined and auxiliary modules can be installed with a horizontal assembly system that facilitates the installation of switchgear over long spaces and affords the unit excellent rigidity



ATLANTIC PLUS

IP40-IP55 Steel distribution cabinets



IP55 COMPACT SURFACE CABINETS

Enclosure

- The enclosure consists of a single piece, with two profiles to which all the unit's equipment is secured.
- The profiles have two 25-mm rectangular cut-out lines to insert caged nuts to secure accessories, and a third line with 3 mm-diameter circular holes for screwing them directly to the wall.
- Lifting and transport system based on two flanges secured to the base of the cabinet, included in the unit.
- The 500x80 mm cable entries are located at the top and bottom.
- The cable entries are covered by means of metal lids secured to the enclosure with machined screws. The cover has a sealing gasket to guarantee IP55 protection.
- A gland is recommended for trunking and cable entry to avoid losing the enclosure's IP protection degree.



Elegance and functionality intended for large facilities for the tertiary sector

COMPONENTS FOR BOTH IP40-IP55 CABINET VERSIONS

Modular frame

- Modular frame for installing modular or plain lids.
- A simple opening-closing system delivers quick and comfortable access to the inside of the enclosure, and the whole frame rotates freely without the need for cover-by-cover opening.
- The frame is reversible in terms of both assembly and opening.
- It has four holes at the front to run the cable to the door and thus guarantee the unit's mass continuity. If the holes are not used, they can be covered with watertight caps.
- The plastic covers are clipped on, and the metal covers are secured to the frame by means of caged nuts and screws. The covers are not included in the unit, and are supplied as an accessory.

Plinth

- All enclosures are supplied with a 100-mm high plinth as standard.
- The plinth consists of two side supports, two side covers and two front covers.
- The side supports are secured to the cabinet structure by means of screws, and there are two housings on the base for securing the cabinet to the floor or ground.

Lifting and mounting flanges

All enclosures are supplied with two flanges used as a lifting and transport system and for subsequent wall-mounting.

Doors

- Possibility of opaque or transparent door.
- Opaque doors made from sheet with a thickness of 1.2 mm.
- Transparent doors made of 4-mm thick tempered safety glass.
- Doors for IP55 cabinets with sealing gasket to guarantee the cabinet's degree of protection.
- All doors are reversible.

Locks

- 4-point lock, double-bit insert with retractable handle in RAL 7016 Anthracite Grey.
- Other types of locks supplied as accessories.

Cover + DIN rail kit

DIN rail for surface cabinets

- Each rail has a standard capacity of 24 modules.
- Omega rail clip-on mounting system.
- Depth-adjustable supports that permit an omega rail height variation in the range of 45 mm. The support has three pre-marked positions corresponding to the three standard heights for modular electrical switchgear.
- Height can be adjusted either prior to delivery or once the sub-assembly has been fitted in the enclosure.
- In order to fit the rails in the right position in the enclosure profiles, a ruler is supplied where the positions of the holes to be used is pre-marked, depending on the number of rails to be installed.

Modular lids

Possibility of plastic and metal lids.

Plastic lids:

- Hinged, they are closed by means of a clipping system; a tool is needed to open the lid, as provided for by the applicable regulations.
- Manufactured in ABS, RAL 9003 Signal White. Modular lids for 24 modules of 150 mm and 200 mm and plain lids of 50, 150 and 200 mm.

Metal lids:

- Fixed, bolted to the cabinet's structure by means of M6 caged nuts and M6x10 screws.
- Made of RAL 9003 Signal White cold-rolled steel.
- Modular lids for 24 modules of 150 and 200 mm. Modular lids with a capacity for 48 modules (2x24) of 300 and 400 mm and plain lids of 50, 150, 200, 300 and 400 mm.

Multiple combinations of modules for the same size of cabinet can be obtained by combining the different protection lids. The cabinets are supplied without lids to afford the installer greater modular versatility.

Distance between rail and lid: 50.5 mm.

Distance between lid and door: 44 mm.

Moulded-case circuit breaker (MCCB) mounting system

- Mounting system comprising a cover, plate and four adjustment supports.
- The layout of the MCCB (up to 630 A) may be horizontal and/or vertical.
- The three cover + supports + plate references must be ordered.









ATLANTIC PLUS

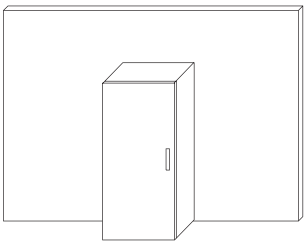
IP40-IP55 Steel distribution cabinets

IP40 Steel distribution cabinets. Surface. Combinable

Reference No.	Cabinet dimensions			Usable height space	Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
250 DEPTH	A	B	C	B		kg	kg	20	25	30	35	40
40ENL192-240PO	1810	730	250	1600	192-240	59.2	70	321.2	401.5	481.8	562.1	642.4
40ENL192-240PT	1810	730	250	1600	192-240	60.5	70	321.2	401.5	481.8	562.1	642.4
40ENL216-288PO	2110	730	250	1900	216-288	66.3	85	369.8	462.2	554.6	647.1	739.5
40ENL216-288PT	2110	730	250	1900	216-288	67.7	85	369.8	462.2	554.6	647.1	739.5
300 DEPTH												
40ENL192-240PO/300	1810	730	300	1600	192-240	62.0	70	344.7	430.9	517.1	603.3	689.4
40ENL192-240PT/300	1810	730	300	1600	192-240	63.4	70	344.7	430.9	517.1	603.3	689.4
40ENL216-288PO/300	2110	730	300	1900	216-288	69.5	85	396.3	495.3	594.4	693.5	792.5
40ENL216-288PT/300	2110	730	300	1900	216-288	70.9	85	396.3	495.3	594.4	693.5	792.5

RAL 9003 Signal White rolled steel.
Cabinets supplied with modular frame, without lids or DIN rail.
Plinth included in the unit. The dimensions include the 100-mm plinth.
Cabinets supplied with door: PO: opaque door - PT: transparent door.

SEE ACCESSORIES ON PAGE 394.



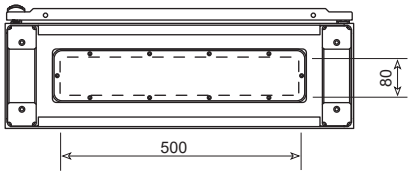


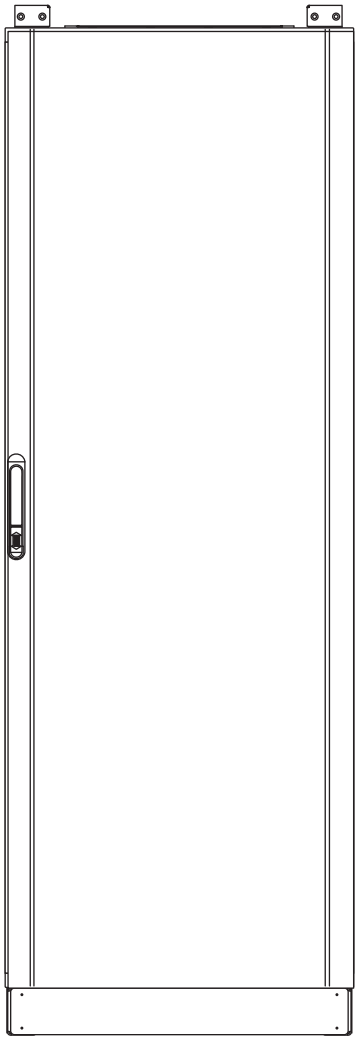
IP40 combinable opaque door

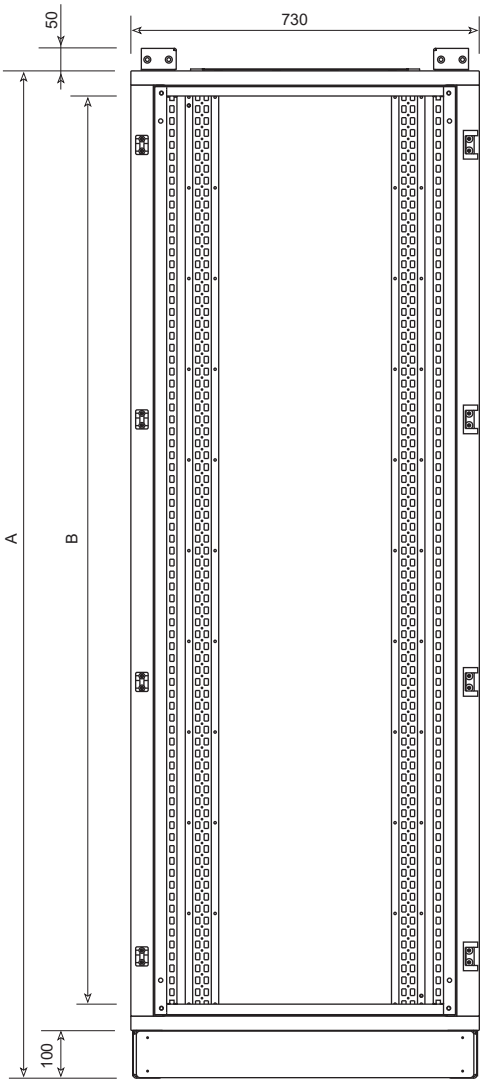


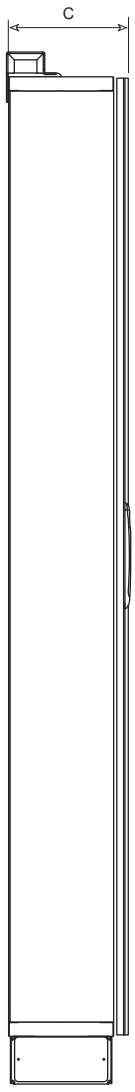
IP40 combinable transparent door

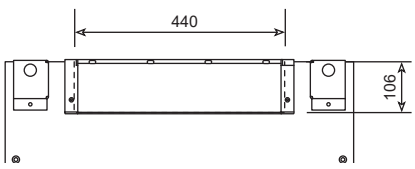
Dimensions: IP40 combinable cabinets











ATLANTIC PLUS

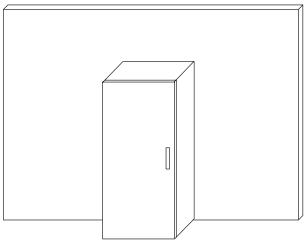
IP40-IP55 Steel distribution cabinets

IP55 Steel distribution cabinets. Surface. Compact

Reference No.	Cabinet dimensions			Usable height space	Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
250 DEPTH	A	WIDTH	C	B		kg	kg	20	25	30	35	40
55SUP192-240PO	1810	730	250	1600	192-240	59.2	70	321.2	401.5	481.8	562.1	642.4
55SUP192-240PT	1810	730	250	1600	192-240	60.5	70	321.2	401.5	481.8	562.1	642.4
55SUP216-288PO	2110	730	250	1900	216-288	66.3	85	369.8	462.2	554.6	647.1	739.5
55SUP216-288PT	2110	730	250	1900	216-288	67.7	85	369.8	462.2	554.6	647.1	739.5
300 DEPTH	A	WIDTH	C	B		kg	kg	20	25	30	35	40
55SUP192-240PO/300	1810	730	300	1600	192-240	61.4	70	344.7	430.9	517.1	603.3	689.4
55SUP192-240PT /300	1810	730	300	1600	192-240	62.8	70	344.7	430.9	517.1	603.3	689.4
55SUP216-288PO /300	2110	730	300	1900	216-288	69.5	85	396.3	495.3	594.4	693.5	792.5
55SUP216-288PT /300	2110	730	300	1900	216-288	70.9	85	396.3	495.3	594.4	693.5	792.5

RAL 9003 Signal White rolled steel.
Cabinets supplied with modular frame, without lids or DIN rail.
Plinth included in the unit. The dimensions include the 100-mm plinth.
Cabinets supplied with door; PO: opaque door - PT: transparent door.

SEE ACCESSORIES ON PAGE 394.



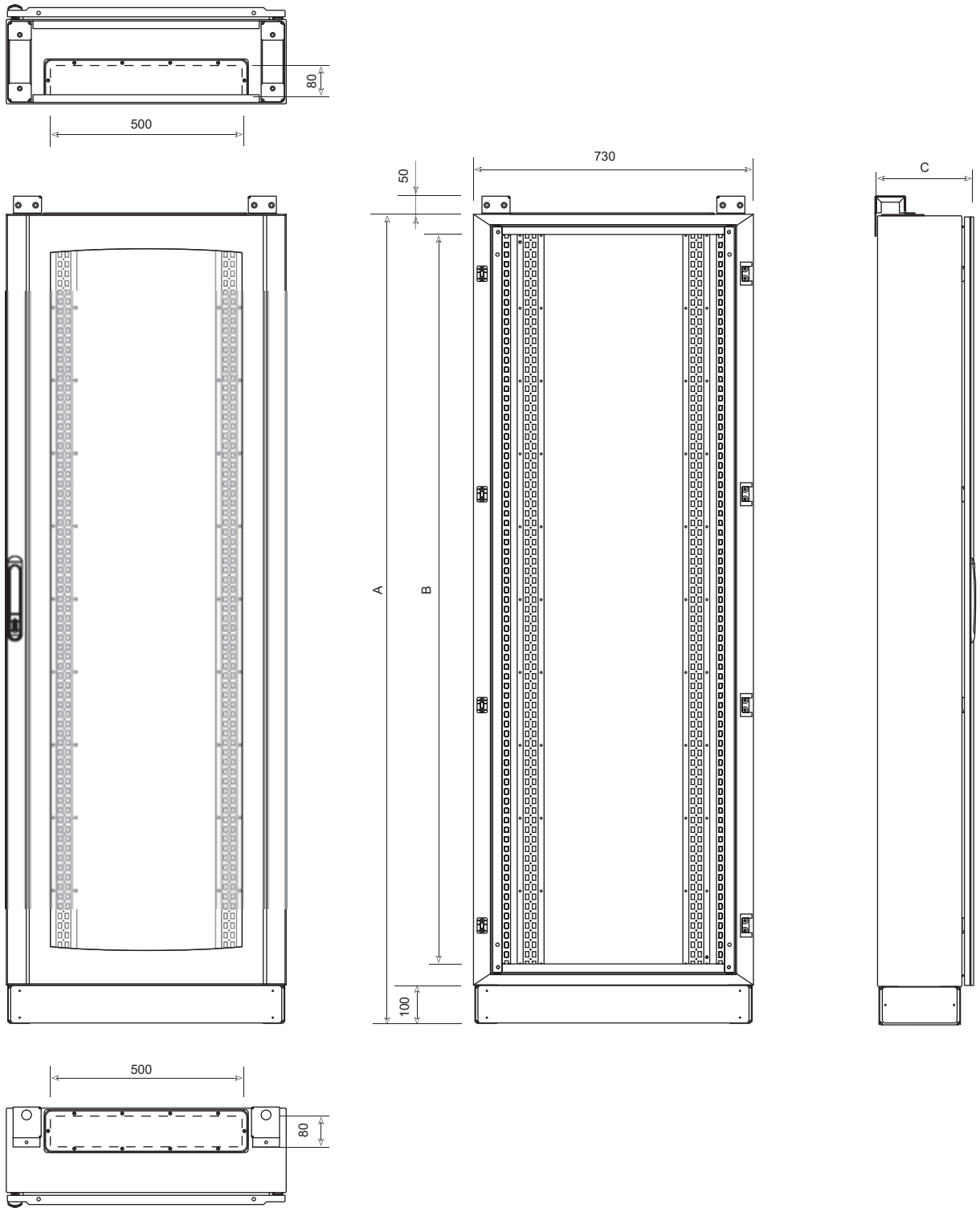


IP55 compact opaque door



IP55 compact transparent door

Dimensions: IP55 compact surface cabinets



ATLANTIC PLUS

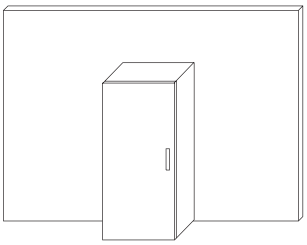
IP40-IP55 Steel distribution cabinets

IP55 Steel distribution cabinets. Surface. Compact. With auxiliary module

Reference No.	Cabinet dimensions			Usable height space	Modular capacity	Weight	Maximum acceptable load	Power dissipation according to temperature increase °C P(W)				
300 DEPTH	A	WIDTH	C	B		kg	kg	20	25	30	35	40
55AUX240PO/300	1810	1130	300	1600	192-240	106.2	70	474.7	593.4	712.0	830.7	949.4
55AUX240PT/300	1810	1130	300	1600	192-240	107.2	70	474.7	593.4	712.0	830.7	949.4
55AUX288PO/300	2110	1130	300	1900	216-288	119.9	85	544.7	680.9	817.1	953.3	1089.4
55AUX288PT/300	2110	1130	300	1900	216-288	120.9	85	544.7	680.9	817.1	953.3	1089.4

RAL 9003 Signal White rolled steel.
Cabinets supplied with modular frame and auxiliary module, without lids or DIN rail.
Plinth included in the unit. The dimensions include the 100-mm plinth.
Cabinets supplied with door; PO: opaque door - PT: transparent door.

SEE ACCESSORIES ON PAGE 394.



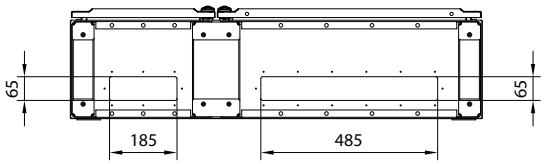


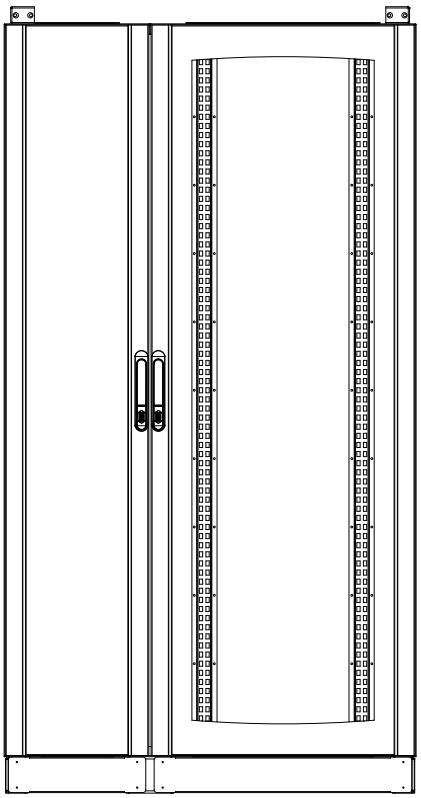
IP55 compact opaque door

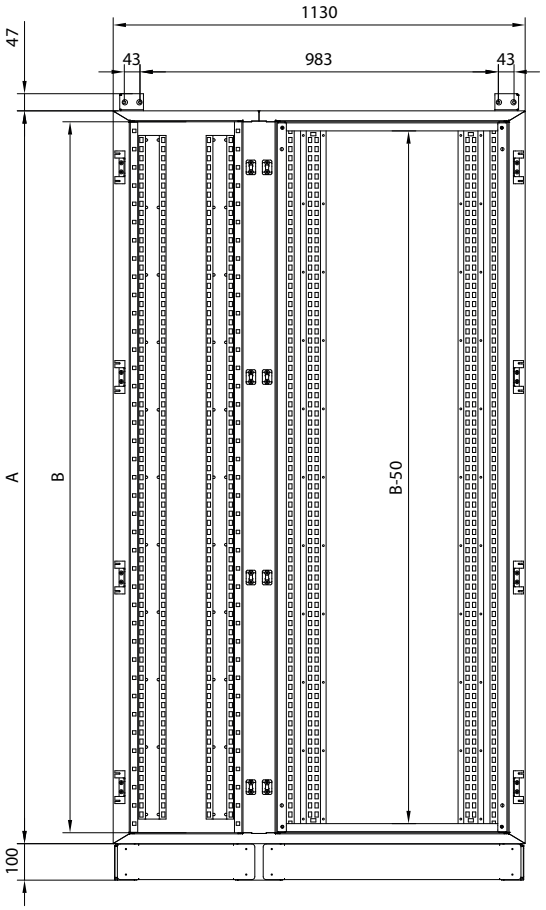


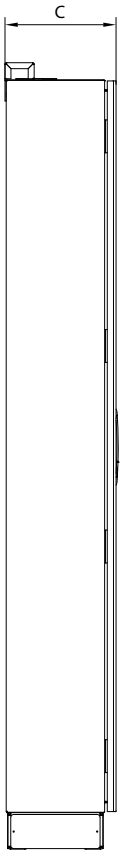
IP55 compact transparent door

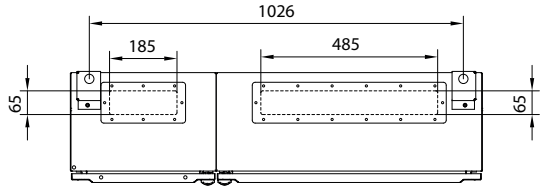
Dimensions: IP55 compact cabinets with auxiliary module











ATLANTIC PLUS

IP40-IP55 Steel distribution cabinets accessories

DIN rail kit



Reference No.	Description	Cabinet depth
48242	DIN rail 24 modules + assembly supports	250
48242/300	DIN rail 24 modules + assembly supports	300

MATERIAL: Galvanised steel.
CHARACTERISTICS: Mounting system using depth-adjustable clips. 35x15 mm DIN rail.
SUPPLY: Pack of 2 brackets + screws.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

Hinged plastic covers



Reference No.	Dimensions		Number of modules
MODULAR	**HEIGHT**	**WIDTH**	
TM150	150	577	24
TM200	200	577	24
PLAIN	**HEIGHT**	**WIDTH**	
TC50	50	577	-
TC150	150	577	-
TC200	200	577	-

MATERIAL: ABS RAL 9003 Signal White.
CHARACTERISTICS: Hinged and reversible. They are closed by means of a clipping system.

Fixed metal covers





Reference No.	Dimensions		Number of modules
FIXED MODULAR	**HEIGHT**	**WIDTH**	
TMM150F	150	577	24
TMM200F	200	577	24
TMM300F	300	577	2 x 24
TMM400F	400	577	2 x 24
FIXED PLAIN	**HEIGHT**	**WIDTH**	
TCM50F	50	577	-
TCM100F	100	577	-
TCM150F	150	577	-
TCM200F	200	577	-
TCM300F	300	577	-
TCM400F	400	577	-

MATERIAL: RAL 9003 Signal White cold-rolled steel.
CHARACTERISTICS: Fixed, bolted to the structure by means of M6 caged nuts and M6x10 anti-twist screws. Hinged lids available to order.

Combination + extension ENL cabinets



Reference No.	Dimensions (mm)	For cabinet	Cabinet depth
	HEIGHT		
EE1810PO	1810	40ENL192-240PO	250
EE2110PO	2110	40ENL216-288PO	250
EE1810PT	1810	40ENL192-240PT	250
EE2110PT	2110	40ENL216-288PT	250
EE1810PO/300	1810	40ENL192-240PO/300	300
EE1810PT/300	1810	40ENL192-240PT/300	300
EE2110PO/300	2110	40ENL216-288PO/300	300
EE2110PT/300	2110	40ENL216-288PT/300	300

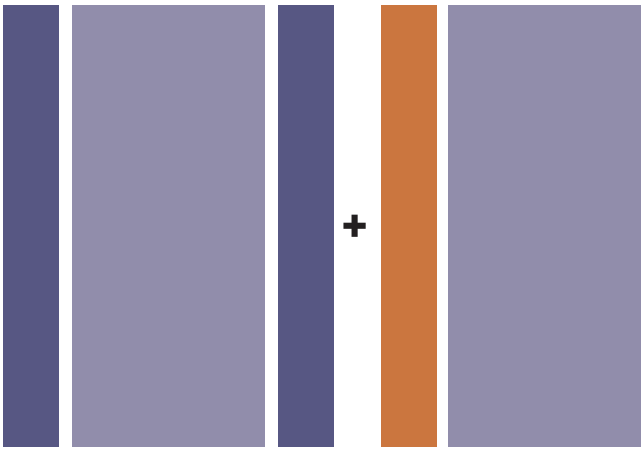
MATERIAL: RAL 9003 Signal White painted sheet steel.

CHARACTERISTICS: It permits the connection and extension of ENL-type surface enclosures using a clipping system. It contains the joining structure plus the cabinet and door extension.

FOR THE FOLLOWING CABINETS: 40ENL.

How to join two 40ENL192-240PO cabinets

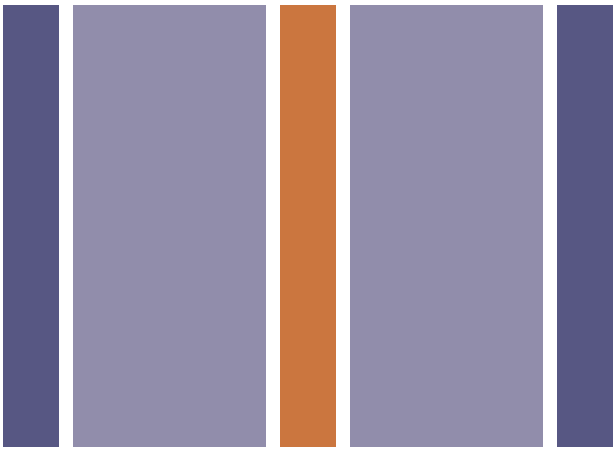
REFERENCES



Ref. Cabinet 40ENL192-240PO
It includes one rear and two side panels.

Ref. Extension EE1810PO
It includes one rear panel and one joining structure.

FINAL SET



Door included.

Auxiliary module





Reference No.	Dimensions			Usable space	For cabinet
	HEIGHT	WIDTH	DEPTH	HEIGHT	
ME401810	1810	430	250	1650	40ENL192-240
ME402110	2110	430	250	1950	40ENL216-288
ME401810/300	1810	430	300	1650	40ENL192-240/300
ME402110/300	2110	430	300	1950	40ENL216-288/300

MATERIAL: RAL 9003 Signal White painted sheet steel.

CHARACTERISTICS: Possibility of installing side or central auxiliary module.
The cabinet and auxiliary module are joined by means of a jumper, leaving free inner passage space.

Used for the installation of busbars, switches, control equipment etc., leaving more space inside the cabinet.

Opaque door with a standard 4-point lock, double-bit insert with retractable handle in RAL 7016 Anthracite Grey.

Includes: rear panel, door, top and bottom covers, connecting elements, closing elements and plinth.

FOR THE FOLLOWING CABINETS: 40ENL.





Accessories for auxiliary module



Reference No.	Dimensions	Cabinet depth	Dimensions	
MAIN SWITCH			PLATE	COVER
48705	Moulded-case circuit breaker kit	250	300x273	450x303
48705/300	Moulded-case circuit breaker kit	300	300x273	450x303

MATERIAL: Mounting plate in galvanised steel. RAL 9003 Signal White painted steel protection cover.

CHARACTERISTICS: It features a protective cover and mounting plate with adjustment supports included. Possibility of fitting the moulded-case circuit breaker (MCCB) up to 630 A in the upright position.

FOR THE AUXILIARY MODULE: ME.



Reference No.	Dimensions	
PROTECTIVE COVERS FOR BUSBAR	HEIGHT	WIDTH
48370	300	303
48371	450	303
48372	600	303
48266	1200	303
48267	1500	303

MATERIAL: RAL 9003 Signal White painted sheet steel.

CHARACTERISTICS: Partial covers to divide the protection area into sectors. All the accessories necessary for assembly are supplied. They provide the switchgear and other devices inside the auxiliary cabinet with additional protection.

FOR THE AUXILIARY MODULE: ME.

Upon request, custom machined lids for different types of MCCB or control and measurement elements. Request more information at export@ide.es

Moulded-case circuit breaker cover (MCCB)



Reference No.	Dimensions		For switch
	HEIGHT	WIDTH	
TMCB200	200	577	MCCB
TMCB250	250	577	MCCB
TMCB300	300	577	MCCB
TMCB400	400	577	MCCB

Molded-case plate (MCCB)



Reference No.	Dimensions		For switch
	HEIGHT	WIDTH	
PMCB200	165	385	-
PMCB250	215	385	-
PMCB300	265	385	-
PMCB350	315	385	-

Support for moulded box plate (MCCB)



Reference No.	Description	Pack
48345/250	Plate support for moulded box for cab. depth 250	4-piece pack
48345/300	Plate support for moulded box for cab. depth 300	4-piece pack

MATERIAL: RAL 9003 Signal White painted steel cover. Plate and adjustment elements in 2-mm thick galvanised steel.

CHARACTERISTICS: Cover plus plate system for installing moulded-case circuit breakers (MCCBs) up to 63Q0 A. MCCB layout can be horizontal and/or vertical. The supports are height-adjustable.

SUPPLY: The three cover + supports + plate references must be ordered.

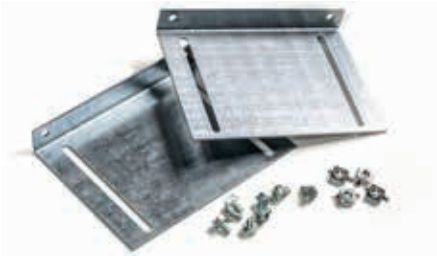
Upon request, custom machined lids for different types of MCCB or control and measurement elements. Request more information at export@ide.es

Mounting plates



Reference No.	Dimensions		No. of adjustable elements needed
PARTIAL PLAIN	HEIGHT	WIDTH	
PLM200	200	478	1
PLM300	300	478	1
PLM400	400	478	2
TOTAL PLAIN			
PLM1600	1650	500	3
PLM1900	1950	500	3

MATERIAL: Mounting plate in 2-mm thick galvanised steel.
CHARACTERISTICS: The mounting elements must be ordered for the height adjustment. See reference 48340 below.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description	Cabinet depth	Pack
PLATE MOUNTING ELEMENTS			
48340	Adjustable plate mounting elements	250	2-piece pack
48340/300	Adjustable plate mounting elements	300	2-piece pack

MATERIAL: Galvanised steel.
CHARACTERISTICS: All the accessories necessary for assembly are supplied. They are used to adjust plate depth in surface cabinets.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

Trunking support kit



Reference No.	Description	Pack
VERTICAL		
48243	Vertical trunking support	6-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: Supports for fixing cable-distribution trunking vertically.
Housing for vertical trunking up to 60x60.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 6 supports + fixing screws.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description	Pack
HORIZONTAL		
49368	Horizontal trunking support	2-piece pack

MATERIAL: ABS RAL 7035.
CHARACTERISTICS: Supports for fixing cable-distribution trunking horizontally.
Two horizontal trunking fixing positions for separation between 150 or 200 mm DIN rails.
Vertical and horizontal trunking supports can be linked together.
SUPPLY: Pack of 2 supports + fixing screws.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

Lifting and mounting elements



Reference No.	Description	Pack
48244	Lifting and mounting pack	2-piece pack
48245	Connection, lifting and mounting pack	1-piece pack

MATERIAL: RAL 9003 Signal White painted sheet steel.
CHARACTERISTICS: All enclosures are supplied with two flanges, Ref. 48244, to be used as a lifting and transport system and for subsequent wall-mounting.
Ref. 48245 also reinforces the connection between combinable cabinets.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

Spare doors



Reference No.	Description	For cabinet
IP40 COMBINABLE		**NO. OF MODULES**
PO40ENL192	Opaque	192-240
PT40ENL192	Transparent	192-240
PO40ENL216	Opaque	216-288
PT40ENL216	Transparent	216-288

Reference No.	Description	For cabinet
IP55 COMPACT		**NO. OF MODULES**
PO55SUP192	Opaque	192-240
PT55SUP192	Transparent	192-240
PO55SUP216	Opaque	216-288
PT55SUP216	Transparent	216-288



Reference No.	Description	For cabinet
FOR AUX. MODULE		**HEIGHT**
POME1810	Opaque	1810
POME2110	Opaque	2110

MATERIAL: RAL 9003 Signal White painted sheet steel.

CHARACTERISTICS: They feature a standard 4-point lock, double-bit insert with retractable handle in RAL 7016 Anthracite Grey.

For cabinets, possibility of opaque or transparent door.

Only available in opaque door for auxiliary module.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP-ME.

Standard lock


Ref. 48522


Ref. 48523

Reference No.	Description
48522	1/4 turn lock + RAL 7016 Anthracite Grey handle (without rods)
48523	Lock with padlock + RAL 7016 Anthracite Grey handle (without rods)

CHARACTERISTICS: Reference 48522: 4-point lock, double-bit insert with retractable handle in RAL 7016 Anthracite Grey. 5-mm double-bit key in zamak not included. (Ref. 48460). Reference 48523: Padlock not included.

These references do not include the inside lock plus rods, which must be ordered separately, depending on the height of the cabinet.

Inserts for lock with handle


Ref. 48463


Ref. 48464


Ref. 48465

Reference No.	Description
48541	Triangular insert lock + triangular key 6.5
48463	Triangular insert lock + triangular key 8
48465	Security insert lock + key code 333
48585	Security insert lock + key code 405
48588	Security insert lock + key code 1242E
48464	Keyless pressure insert lock

Key



Reference No.	Description
48460	5-mm double-bit key in zamak

Packs for doors


Ref. 48626


Ref. 48482

Reference No.	Description	Pack
HINGES AND RETAINERS		
48626	Standard 120º hinge	4-piece pack
48482	Lock retainer	4-piece pack

MATERIAL: Zamak.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description	Pack
RODS FOR LOCKS		
48560	Single door rod 1800 mm height	2-piece pack
48561	Single door rod 2000 mm height	2-piece pack

MATERIAL: Zinc-plated steel.
CHARACTERISTICS: They must be ordered for the installation of locks with handle.
FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

DIAMANT





IP40 Distribution boxes

The distribution boxes of the Diamant series are specially designed for the tertiary and residential sectors. With a capacity from 36 to 84 modules, the installer has great versatility and modular capacity.

Available in two different versions, to be recessed in hollow or in brick walls.

They have a very neat aesthetic that adapts perfectly to all environments.

IP 40



DIAMANT Technical characteristics

- **Degree of protection:** IP40.
- **Resistance to impact:** IK08.
- **Glow wire resistance:**
  Brick walls: 650 ºC.
  Hollow walls: 850 ºC.
- **Ambient temperatire range:** -25 ºC / +40 ºC.
- **Maximum operating voltage:** 1000 V AC / 1500 V DC.
- **Double insulation:** Class II.

DIAMANT Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: EN 60670-24 and IEC 61439-1-3 (as applicable).

Neat aesthetic that adapts perfectly to all environments

DIAMANT

IP40 Distribution boxes



Product range (Flush-fit)

- Modular capacity of 36, 42, 54, 72, 84 and 108 modules.
- Flush-mounted boxes:
  - Brick walls.
  - Hollow walls.
- White door.

Materials

- Halogen-free plastic materials.
- Flush-mounted bases:
  - In brick walls: PS.
  - In hollow walls: ABS.
- Frame and door: PS RAL 9003 Signal White.

Supply

- Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film.
- Supplied with all the elements assembled, except for the elements supplied in the accessory bag.
- **Accessories bag:**
  - 4x12 bolts.
  - 4x13 bolts.
  - Caps for 4x13 bolts.
  - Hollow wall fasteners.
  - Linking pieces (for boxes with 72-84-108 modules).
  - Cover for white modules (6 modules).
  - Module identification strip.

Available in two different versions, to be recessed in hollow or in brick walls





Base and cable entry

- Flush-mounted bases in brick walls manufactured in PS and flush-mounted bases in hollow walls manufactured in ABS V0 high impact RAL 7035 Light Grey.
- Easy-break entry holes on the upper, side and lower faces which facilitate the entry of cables and tubes of different diameters, with the option to tie these cables and tubes to the base in boxes with 36, 72, 54 and 108 modules.
- The cut-outs in the bottom of the base provide access to M24, and M32 tubes, and the double grooves permit the insertion of self-tapping screws with a diameter of 3.6 mm for increased versatility when configuring the interior of the casing.
- The upper and lower part of the base come with specific supports for mounting the neutral and earth bars.

Frame-base closure

- Wave-shaped frame for perfect integration in ambients where the appearance is fundamental.
- Frame-base fastening using 4x13 bolts. Plastic caps are supplied with the casing for covering the fastening bolts.
- The front has a space for attaching a module identification label, and covered module spaces, with pre-marked covers, for the easy assembly of different configurations of circuit breakers.
- The frame is larger than the base in order to cover any possible imperfections resulting from the flush-mounting.

Attachment of DIN rail

- Rails joined together with single metal frame, fastened to the base with 4x12 bolts.
- The base should be flush-mounted with the frame in place to provide greater strength and to reinforce the box during the flush-mounting process.





Wall mounting

- For flush-mounting in brick walls, the bases have horizontal and vertical ribs around the outer perimeter. Once the base has been mounted and the spaces filled with sealant, seal the base to the wall to prevent it from being pulled off by the weight of the interior wiring.
- For the flush-mounting in plasterboard hollow walls, the base has wings on the corners which, together with the assembly kit, make it possible to mount it on a hollow wall.
- The installation kit for hollow walls contains metal bolts with a diameter of Ø 3.5 mm and plastic elevation clips.
- The base also has ribs on the inner and outer walls to prevent damage caused by the pressure of the flush-mounting.

Doors

- Wave-shaped white door for perfect integration in ambients where the appearance is fundamental.
- All the doors are reversible, opening and closing with a horizontal rotation, opening to a 180º opening and closing with a clip system.

Connection of casings

- Option to connect boxes with the same modular capacity, in horizontal or vertical direction.
- Linking pieces supplied with the boxes with 72, 84 and 108 modules, for the connection, as the boxes are not supplied joined together to facilitate transport and storage.
- The linking pieces are pressure-fitted onto the casing, without the need to use tools during the assembly.
- The distance between casings once they have been connected and mounted is minimum.

IP40 Distribution boxes. Flush-fit brick walls

Reference	Composition	No. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
			HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
DFF36PO	DFF36	2x18 (36)	380	424	105	345	394	72	2.0	19.2	24.1	28.9	33.7	38.5
DFF42PO	DFF42	3x14 (42)	532	334	105	504	305	72	2.3	21.3	26.6	31.9	37.2	42.5
DFF54PO	DFF54	3x18 (54)	532	408	105	497	376	72	2.9	25.4	31.7	38.1	44.4	50.8
DFF72PO	DFF36 + DFF36	4x18 (72)	380	851	105	345	823	72	4.1	38.5	48.1	57.7	67.3	77.0
DFF84PO	DFF42 + DFF42	6x14 (84)	532	668	105	504	644	72	4.8	42.5	53.2	63.8	74.5	85.1
DFF108PO	DFF54 + DFF54	6x18 (108)	532	817	105	497	789	72	5.9	50.8	63.5	76.2	88.9	101.6

HALOGEN-FREE PLASTIC MATERIALS

Frame and door in PS, RAL 9003 Signal White.

Base in PS. Glow wire resistance in bases of 650ºC.

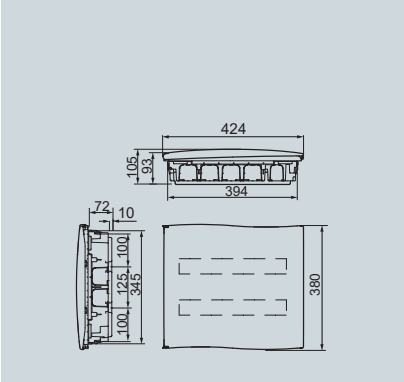
IP40 - Flush-fit brick walls.



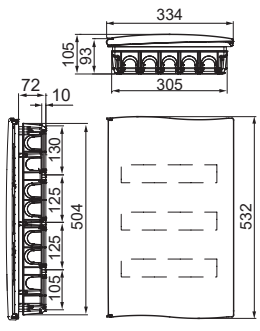




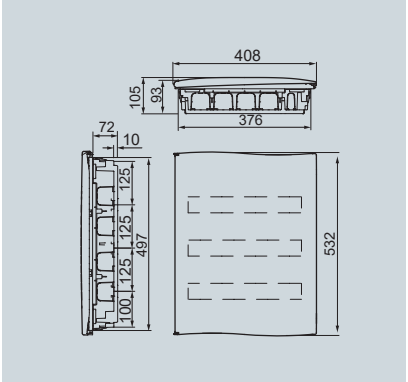
2x18 (36) modules
DFF36PO



3x14 (42) modules
DFF42PO



3x18 (54) modules
DFF54PO



IP40 Distribution boxes. Flush-fit brick walls. With neutral and earth bars

Reference	Composition	No. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
			HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
DFF36PO/RR	DFF36	2x18 (36)	380	424	105	345	394	72	2.3	19.2	24.1	28.9	33.7	38.5
DFF42PO/RR	DFF42	3x14 (42)	532	334	105	504	305	72	2.6	21.3	26.6	31.9	37.2	42.5
DFF54PO/RR	DFF54	3x18 (54)	532	408	105	497	376	72	3.3	25.4	31.7	38.1	44.4	50.8
DFF72PO/RR	DFF36 + DFF36	4x18 (72)	380	851	105	345	823	72	4.7	38.5	48.1	57.7	67.3	77.0
DFF84PO/RR	DFF42 + DFF42	6x14 (84)	532	668	105	504	644	72	5.4	42.5	53.2	63.8	74.5	85.1
DFF108PO/RR	DFF54 + DFF54	6x18 (108)	532	817	105	497	789	72	6.7	50.8	63.5	76.2	88.9	101.6

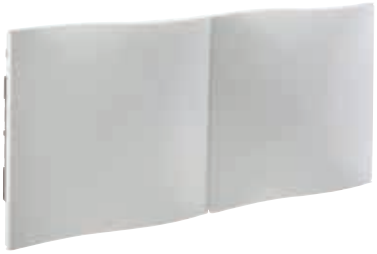
HALOGEN-FREE PLASTIC MATERIALS

Frame and door in PS,RAL 9003 Signal White.

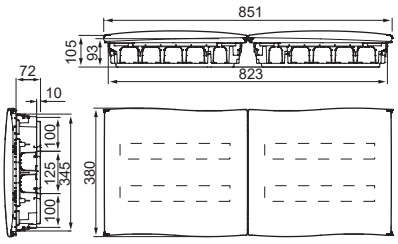
Base in PS. Glow wire resistance in bases of 650ºC.

/RR: With neutral and earth bars.

IP40 - Flush-fit brick walls.

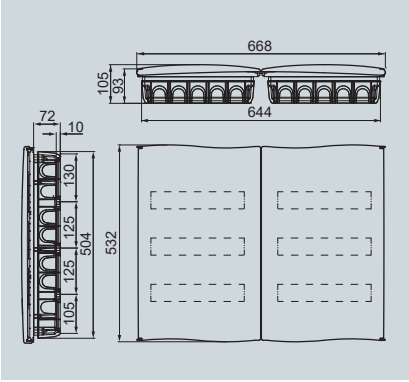


4x18 (72) modules
DFF72PO



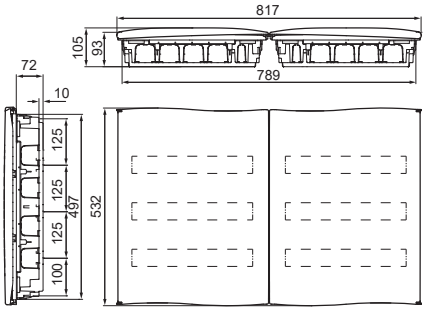


6x14 (84) modules
DFF84PO





6x18 (108) modules
DFF108PO



IP40 Distribution boxes. Flush-fit hollow walls

Reference	Composition	No. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
			HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
DFF36PO/PH	DFF36	2x18 (36)	380	424	105	345	394	72	2.0	19.2	24.1	28.9	33.7	38.5
DFF42PO/PH	DFF42	3x14 (42)	532	334	105	500	305	72	2.6	21.3	26.6	31.9	37.2	42.5
DFF54PO/PH	DFF54	3x18 (54)	532	408	105	497	376	72	3.0	25.4	31.7	38.1	44.4	50.8
DFF72PO/PH	DFF36 + DFF36	4x18 (72)	380	851	105	345	823	72	4.2	38.5	48.1	57.7	67.3	77.0
DFF84PO/PH	DFF42 + DFF42	6x14 (84)	532	668	105	504	644	72	5.3	42.5	53.2	63.8	74.5	85.1
DFF108PO/PH	DFF54 + DFF54	6x18 (108)	532	817	105	497	789	72	6.2	50.8	63.5	76.2	88.9	101.6

HALOGEN-FREE PLASTIC MATERIALS

Frame and door in PS, RAL 9003 Signal White.

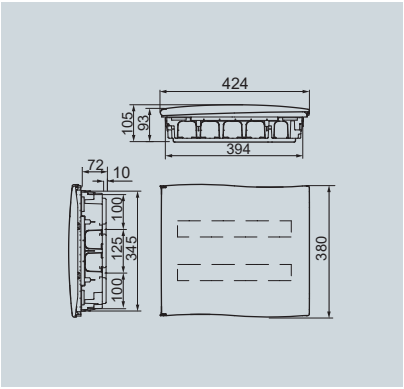
Base in ABS. Glow wire resistance in bases of 850ºC.

IP40 - Flush-fit hollow walls.

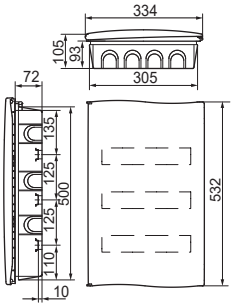




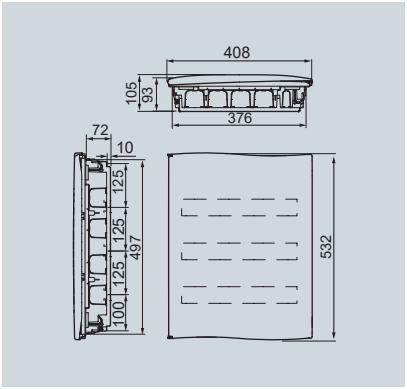
2x18 (36) modules
DFF36PO/PH



3x14 (42) modules
DFF42PO/PH



3x18 (54) modules
DFF54PO/PH



IP 40 CE

IP40 Distribution boxes. Flush-fit hollow walls. With neutral and earth bars

Reference	Composition	No. of modules	External dimensions			Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
			HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
DFF36PO/PH/RR	DFF36	2x18 (36)	380	424	105	345	394	72	2.3	19.2	24.1	28.9	33.7	38.5
DFF42PO/PH/RR	DFF42	3x14 (42)	532	305	105	500	305	72	2.9	21.3	26.6	31.9	37.2	42.5
DFF54PO/PH/RR	DFF54	3x18 (54)	532	408	105	497	376	72	3.4	25.4	31.7	38.1	44.4	50.8
DFF72PO/PH/RR	DFF36 + DFF36	4x18 (72)	380	851	105	345	823	72	4.8	38.5	48.1	57.7	67.3	77.0
DFF84PO/PH/RR	DFF42 + DFF42	6x14 (84)	532	668	105	504	644	72	5.9	42.5	53.2	63.8	74.5	85.1
DFF108PO/PH/RR	DFF54 + DFF54	6x18 (108)	532	817	105	497	789	72	7.0	50.8	63.5	76.2	88.9	101.6

HALOGEN-FREE PLASTIC MATERIALS

Frame and door in PS, RAL 9003 Signal White.

Base in ABS. Glow wire resistance in bases of 850°C.

/RR: With neutral and earth bars.

IP40 - Flush-fit hollow walls.

Accessories

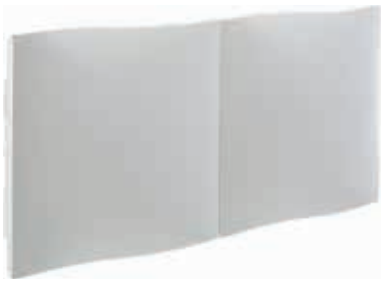
	Pack	Ref.
Module cover RAL 9003 Signal White (6 mod.)	50-piece box	**22600**
Fixing claws for hollow walls flush-fit boxes	4-piece pack	**22100**
Link piece for flush-fit boxes	2-piece pack	**22103**

Doors

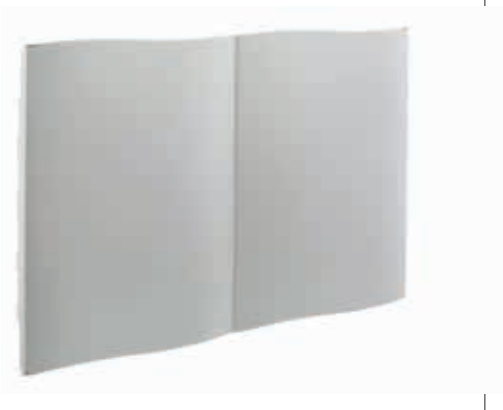
	Ref.
For DFF36PO and DFF72PO	**PBI28**
For DFF42PO and DFF84PO	**PBI32**
For DFF54PO and DFF108PO	**PBI44**

Neutral and earth bars

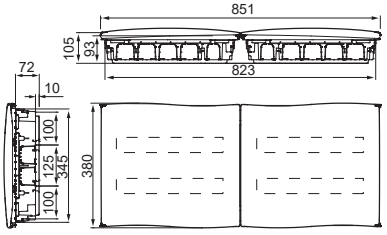
	No. of modules	For references	Ref.
Support + neutral and earth bar (24+2 entries)	36-42-72-84	DFF36-42 (1 unit) DFF72-84 (2 units)	**22004**
Support + neutral and earth bar (32+4 entries)	54-108	DFF54 (1 unit) DFF108 (2 units)	**22005**



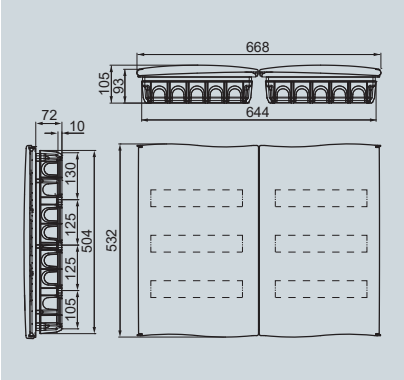




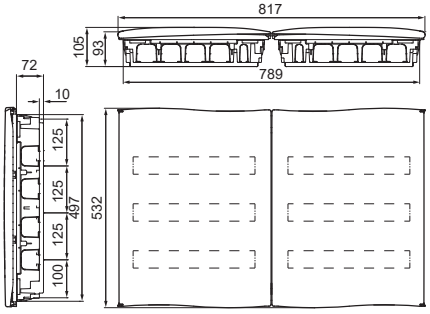
4x18 (72) modules DFF72PO/PH



6x14 (84) modules DFF84PO/PH



6x18 (108) modules DFF108PO/PH



DIAMANT

DOMOS-K





Wiring and junction boxes
Flush-fit hollow walls

The Domos-K series comprises a set of flush-fit wiring and junction boxes for prefabricated walls (plasterboard, wood, chipboard, etc.); designed for indoor installations in the tertiary and residential sectors.

The bases are made of highly durable self-extinguishing plastic materials, with a resistance of up to 850 °C, in accordance with the regulations on flush-fit systems in prefabricated walls.



DOMOS-K Technical characteristics

- **Glow wire resistance:** 850 °C.
- **Ambient temperature range:** -5 °C / +40 °C.
- **Maximum operating voltage:**
  Wiring systems: 400 V.
  Junction systems: 1000 V AC/ 1500 V DC.

DOMOS-K Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 60670-1-22.

Intended for tertiary and residential sectors, to be installed in walls made of plaster materials

DOMOS-K

Wiring and junction boxes



Product series (wiring boxes)

- 4 one, two, three, four-crown wiring box models for **flush-fit mounting in hollow walls.**

Material

- Self-extinguishing PP+TPE.
- Colour: Base RAL 5002 Ultramarine Blue.

Supply

Supplied with: Screws for assembly in hollow walls.

Partition panel (except reference D70/1K).

Supplied in shrink-wrapped blister packs in accordance with the following table:

D70/1K - 36 units.

D70/2K - 18 units.

D70/3K - 12 units.

D70/4K - 9 units.



Product series (junction boxes)

- 6 junction box model for **flush-fit mounting in hollow walls.**

Material

- Base: Self-extinguishing PS; Cover: PS.
- Colour: Base RAL 7035 Light Grey.
- Cover RAL 9003 Signal White.

Supply

Supplied with: Cover and bag of screws for assembly in hollow walls. Supplied in an individual box per packaging multiple.







Base (wiring boxes)

- Circular format with a 60 mm gap between inner screws, thereby complying with the standardised distances for the different mechanisms.
- Entry holes made of elastic material, allowing for the installation of 16, 20 and 25 mm tubes.
- Airtight passage assured, even with a cable or tube installed, thereby preventing air currents through the installation.
- Assembly using 35-mm long screws, with a triple-thread for quick installation; supplied assembled in all items.
- The bottom of the rear of multiple boxes features guides to facilitate marking the drill hole position on the wall.
- 1, 2, 3 and 4-crown wiring boxes can be joined together using the connection fixture, reference nº. 45930, supplied as an accessory.



PACK



MINIMUM SALES UNIT

Pack system (wiring boxes)

- Compact and lightweight design for easy transport and handling.
- Enables efficient, orderly and optimised storage.
- Provides an effective barrier against moisture and dust.







Base (junction boxes)

- The geometry ensures perfect installation in the wall.
- These boxes feature easy-to-remove knock-outs on the sides and bottom for the insertion of 10 to 40-mm diameter cables (depending on the model).
- The bottom of the base features guides to facilitate marking the drill hole position on the wall.
- Grooves to facilitate marking the layout of the recess.
- Rapid-installation clamps and screws to attach the bases to the prefabricated wall.
- Perfect leveling between base and cover.
- Grooved projections inside the base for the installation of terminals, bars or other accessories.

Cover (junction boxes)

- Made of PS RAL 9003 Signal White; with a rough (satin) texture to facilitate repainting the cover.
- Closure system consisting of an extra-flat plastic cover with 4x13 plastic thread screws, which are supplied with the box in the accessories bag.
- Screw housing in the rectangular section base to ensure the cover can be levelled in the event of possible flaws arising from the flush-fit procedure.
- The cover is bigger than the base to correct possible flaws arising from the flush-fit procedure.

Wiring boxes. Flush-fit hollow walls

Reference	Flush-fit hole dimensions			Crown	Entry holes	Weight	Power dissipation according to temperature increase ºC P(W)				
	HEIGHT	WIDTH	DEPTH	mm		kg	20	25	30	35	40
D70/1K	68	68	48	68	2xØ16-20 2xØ20-25	0.024	0.8	1.1	1.3	1.5	1.7
D70/2K	139	68	48	68	2xØ4-10 2xØ4-20 2xØ10-20 2xØ10-25	0.064	1.7	2.1	2.5	2.9	3.4
D70/3K	210	68	48	68	4xØ4-10 6xØ10-20 2xØ10-25 2xØ6-9	0.025	2.5	3.2	3.8	4.4	5.0
D70/4K	280.5	68	48	68	4xØ4-10 4xØ4-20 4xØ10-20 4xØ10-25	0.128	3.3	4.1	4.9	5.7	6.5

All items are supplied with mounted hollow wall fixing screws and clamps.
All items feature double injection elastic inlets.
Ref. 2K-3K-4K supplied with a partition panel.
Base RAL 50002 Ultramarine Blue.
Made of self-extinguishing PP+TPE. Glow wire resistance of 850 ºC.





Accessories: wiring boxes

Description	Reference	Pack
D70 box connection fixture	**45930**	50-unit bag

Option of infinite crowns.

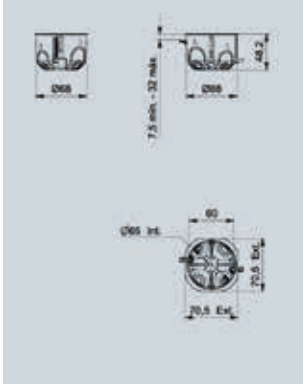




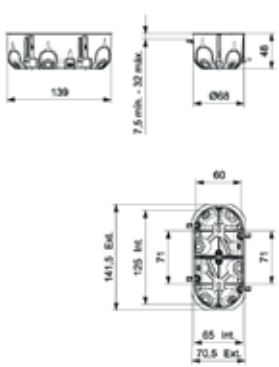




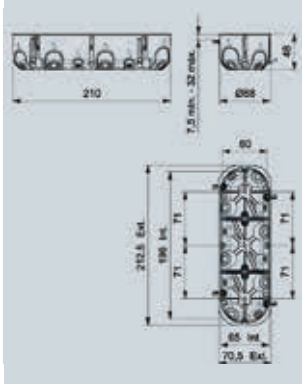
D70/1K



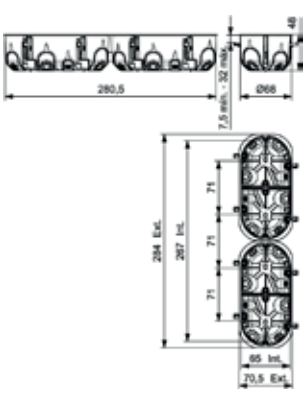
D70/2K



D70/3K



D70/4K



Junction boxes. Flush-fit hollow walls

Reference	Flush-fit hole dimensions			Weight	Power dissipation according to temperature increase ºC P (W)				
	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
CT1515/PH	134	134	61	0.191	2.7	3.4	4.1	4.8	5.5
CT1522/PH	134	204	61	0.217	4.3	5.3	6.4	7.4	8.5
CT1843/PH	166	416	61	0.523	9.7	12.2	14.6	17	19.4
CT2222/PH	204	204	61	0.351	5.9	7.4	8.9	10.4	11.8
CT2232/PH	204	305	61	0.579	8.3	10.4	12.4	14.5	16.6
CT3252/PH	305	500	70	1.326	19.3	24.2	29	33.8	38.7

HALOGEN-FREE PLASTIC MATERIALS

Cover: PS RAL 9003 Signal White.

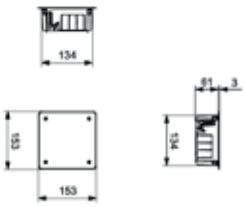
Base made of self-extinguishing PS. Glow wire resistance of 850 ºC.

Accessories: junction boxes

Description	Ref.	Pack
Cover for CT1515/PH	**22508**	10-unit bag
Cover for CT1522/PH	**22510**	10-unit bag
Cover for CT1843/PH	**22471**	2-unit bag
Cover for CT2222/PH	**22490**	10-unit bag
Cover forCT2232/PH	**22460**	2-unit bag
Cover for CT3252/PH	**22470**	2-unit bag
Clamp and screws for hollow walls	**22100**	4-unit bag
Partition panel for CT1843/CT2232/CT3252	**22390**	2-unit bag

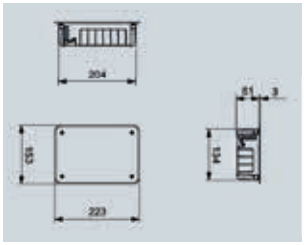
CT1515/PH





CT1522/PH





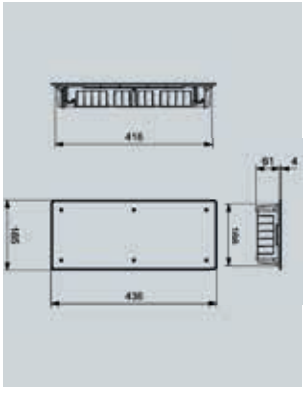




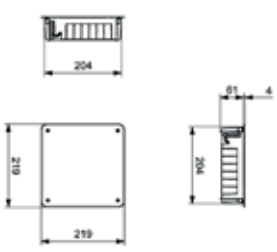




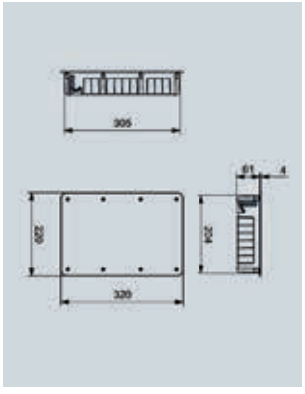
CT1843/PH



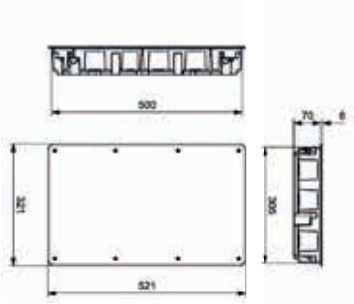
CT2222/PH



CT2232/PH



CT3252/PH



DOMOS





Wiring and junction boxes
Flush-fit brick walls

The DOMOS series is a set of flush-fit junction boxes for indoor installations in the tertiary and residential sector.

These boxes consist of a base and a blanking cover, and the three smallest sizes are manufactured in two versions, a version with a cover closed using screws.

This family is complemented with the 60 and 70 mm flush-fit wiring boxes.

IP 33



DOMOS Technical characteristics

- **Degree of protection:** IP33*.
- **Resistance to impact:** IK07*.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -5 °C / +40 °C. D70 = -5 / +60 ºC.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II*.

* Except reference D88.

DOMOS Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 60670-1-22.

Flush-fit junction boxes for indoor installations in the tertiary and residential sector

DOMOS

Wiring and junction boxes



Product series (wiring and junction boxes)

- 1 wiring box model for **flush-fit mounting in brick walls.**
- 10 junction box models for **flush-fit mounting in brick walls.**
- Possibility of metal screw and plastic claw (depending on models).

Material

- Halogen-free plastic materials.
- Wiring box: D88 in black PS.
- Junction boxes:
  Base: Black PS.
  Cover: PS RAL 9003 Signal White.

Supply

- The boxes are supplied individually, shrink-wrapped and in multiple cardboard packaging, according to minimum packaging units.
- The D88 boxes are supplied on pallets. Minimum amount of 7680 pieces per order. Their storage system permits 20% space saving.

Easy-to-remove knock-outs for the entry of 25, 32 and 40-mm trunking and pipes

IP 33 CE







Base (wiring box Ref. D88)

- These are square boxes with a 60-mm diameter circle on the inside to comply with the distance between standard screws for the different electric mechanisms.
- The boxes have a depth of 42 mm, which is a major advantage, particularly for the connection of Schuko-type sockets that take up the whole box area.
- There are folds on the sides that give the box greater rigidity against the forces created during flush-fitting.
- 20 or 25-mm pipes can be inserted.
- Supplied in blocks of four units, which may be fitted either joined together or individually. Once they have been separated, they can be connected again by the ribs on the sides.
- The boxes are supplied with 2.9x16 mm screws already assembled, intended to secure the mechanisms that will be installed on the inside. For mechanisms installed by means of the claw system, the enclosure has small recesses on the sides that secure the mechanisms perfectly.
- They have a protective cover, supplied as an accessory (Ref. 22380) to prevent plaster from getting inside the enclosure during flush-fitting and plastering.

Base (junction boxes)

- The geometry of the junction box flush-fit bases is such that it guarantees perfect installation on the wall, as well as the necessary rigidity to withstand the stress derived from the flush-fitting and interior wiring.
- The bottom and the sides of the boxes have easy-to-remove knock-outs for the entry of 25, 32 and 40-mm diameter trunking (depending on the version). They also have knock-outs for the entry of sloping pipes if the installation so requires.
- These entries are extra thick to prevent the box from breaking when the knock-outs are removed.
- For the CT1522 - CT2222 and CT2727 versions: The bases have a wing around the side to make sure that the enclosure is perfectly secure and flush, besides affording it high rigidity to prevent possible deformations.
- The bottom has diagonal and straight recessed overhangs that allow the installer to screw terminals, bars or other accessories to the bottom.







Cover (wiring and junction boxes)

- The cover has a slightly rough (satin) texture that facilitates the adherence of paint used to decorate the walls. This cover is wider than the base in order to cover possible flaws or damage caused by the flush-fitting.
- The covers for these boxes closes using metal screws.

CT references in all versions:

- They are closed by means of an extra-flat plastic cover with 4x13 plastic threaded screws that are supplied with the enclosure in the accessory bag. The screws are inserted into the base in a rectangular housing so that the cover can be levelled in the event of possible flaws in the base caused by the flush-fitting.

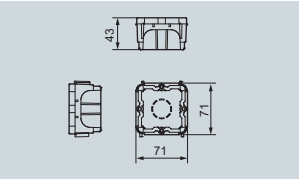
Wiring boxes. Flush-fit brick walls

Reference No.	Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
D88	71	71	43	0.03	0.9	1.1	1.3	1.5	1.7

HALOGEN-FREE PLASTIC MATERIALS.
Minimum order quantity 7,680 units.
Base: Black PS.

D88





DOMOS Accessories

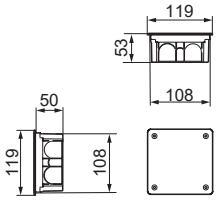


Description	Ref.	Pack
Cover for D88	**22380**	125-piece bag

Plaster protection.

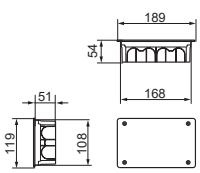
CT1010





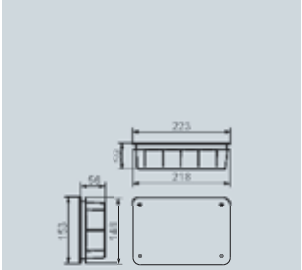


CT1017



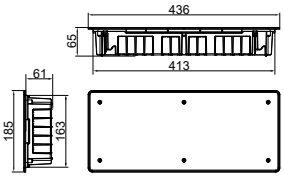


CT1522



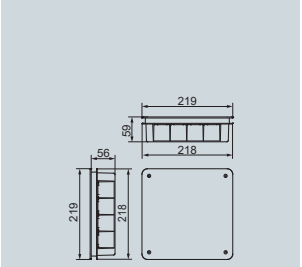


CT1843





CT2222



IP 33 CE

Junction boxes. Flush-fit brick walls

Reference No.	Dimensions of the flush-fit gap			Weight	Power dissipation according to temperature increase °C P(W)				
	HEIGHT	WIDTH	DEPTH	kg	20	25	30	35	40
CT1010	108	108	50	0.1	2.2	2.7	3.2	3.8	4.3
CT1017	108	168	51	0.1	3.3	4.1	4.9	5.7	6.5
CT1522	148	218	56	0.2	4.6	5.8	6.9	8.1	9.2
CT1843	163	413	61	0.5	9.4	11.8	14.1	16.5	18.8
CT2222	218	218	56	0.3	6.3	7.8	9.4	11.0	12.5
CT2232	219	319	62	0.6	8.9	11.1	13.4	15.6	17.8
CT2727	268	268	66	0.5	9.5	11.9	14.3	16.7	19.1
CT3252	320	520	62	1.3	19.7	24.6	29.5	34.4	39.3
CT4040	406	406	122	1.6	21.9	27.4	32.9	38.3	43.8

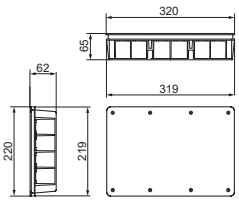
HALOGEN-FREE PLASTIC MATERIALS.
Base: PS.
Cover: RAL 9003 Signal White.

DOMOS Accessories

Description	Ref. Nº	Pack
Cover for CT1010	**22480**	10-piece bag
Cover for CT1017	**22450**	10-piece bag
Cover for CT1522	**22510**	10-piece bag
Cover for CT1843	**22471**	10-piece bag
Cover for CT2222	**22490**	10-piece bag
Cover for CT2727	**22515**	10-piece bag
Cover for CT2232	**22460**	2-piece bag
Cover for CT4040	**22500**	2-piece bag
Cover for CT3252	**22470**	2-piece bag
4x13 Screws	**22611**	50-piece bag

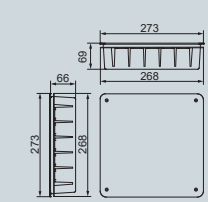


CT2232



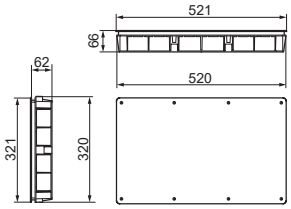


CT2727



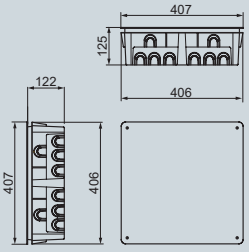


CT3252



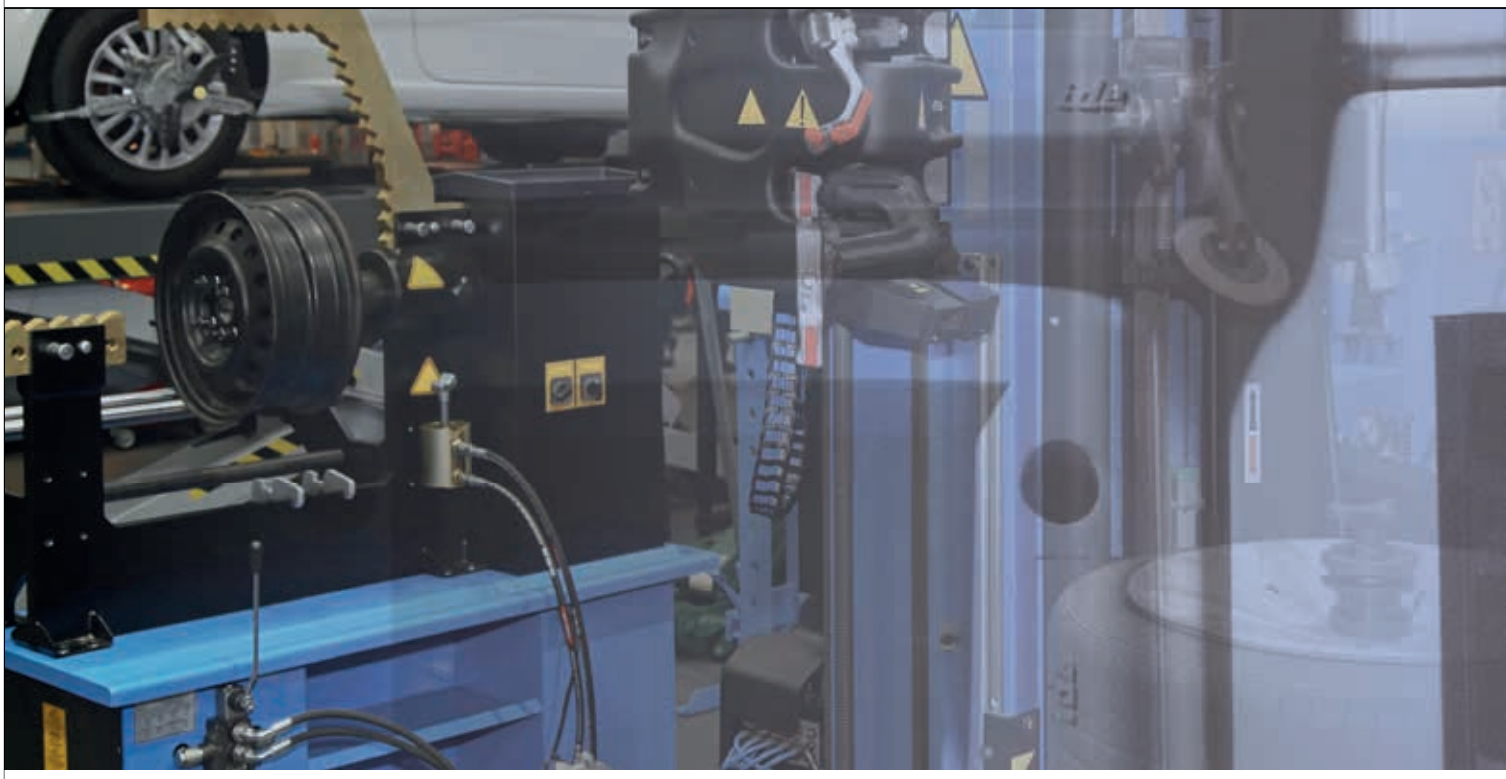


CT4040



DOMOS

VERDI





IP40-IP55 Boxes and mechanisms

The VERDI series boxes and mechanisms are watertight terminal junction boxes manufactured with high-quality plastic. The wall-mounted enclosures may be IP40 or IP55, making them suitable for all types of indoor and outdoor installations. They have a flexible membrane that facilitates wiring, with sections of up to 6 mm, always guaranteeing perfect watertightness levels.

They include captive screws, and their ergonomic design makes for quick pressure installation.

The mechanisms are guaranteed for more than 40,000 manoeuvres and include special bases, industrial mechanisms, signalling, emergency and safety mechanisms, etc.

IP 40 IP 55 CE



VERDI Enclosures Technical characteristics

- **Degree of protection:** IP40 / IP55.
- **Resistance to impact:** IK07.
- **Glow wire resistance:** 650 °C.
- **Double insulation:** Class II.

VERDI Mechanisms Technical characteristics

- **Rated voltage:** 250 V.
- **Rated current:** 10 A / 16 A / 20 A.
  (20 A including fluorescent loads).
- **Entry section:** 4 mm^2.

VERDI Certifications

CE

Boxes: Compliant with 2014/35/EU.
Standards: UNE-EN 60670-1-22 and IEC 670 (as applicable).
Mechanisms: Compliant with the 2014/35/EU directive.
Standards: UNE-EN 60669-1 and IEC 60669-1
(as applicable).

VERDI

IP40 or IP55 wall-mounted enclosures suitable for all types of indoor and outdoor installations

IP40 Boxes. Surface

Reference No.	No. of modules	Dimensions			Weight
		HEIGHT	WIDTH	DEPTH	kg
45011	1 module	85	70	55	0.1
45012	2 modules	85	70	55	0.1
45013	3 modules	85	95	55	0.1
45014	4 modules	85	142	55	0.1
45016	6 modules	85	190	55	0.2
45018	12 modules	157.4	185	78	0.3

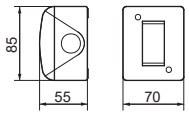
HALOGEN-FREE PLASTIC MATERIALS
ABS RAL 7035 Light Grey.
IP40 - Surface.

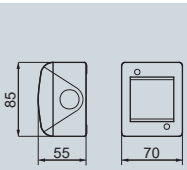


1 module
45011



2 modules
45012







3 modules
45013



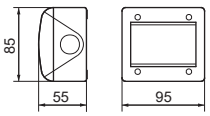
4 modules
45014

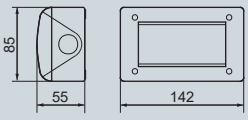


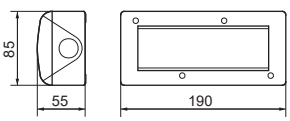
6 modules
45016

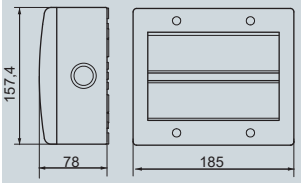


12 modules
45018









IP 40 IP 55 CE

IP55 Boxes. Surface

Reference No.	No. of modules	Dimensions			Weight
		HEIGHT	WIDTH	DEPTH	kg
45001	1 module	85	70	63	0.1
45002	2 modules	85	70	63	0.1
45003	3 modules	85	95	63	0.1
45004	4 modules	85	142	63	0.2

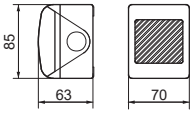
HALOGEN-FREE PLASTIC MATERIALS

ABS RAL 7035 Light Grey.

IP55 - Surface.

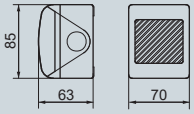


1 module
45001



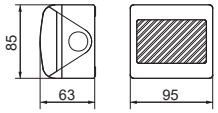


2 modules
45002



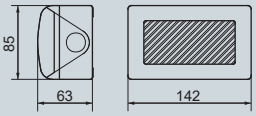


3 modules
45003





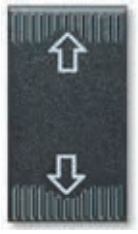
4 modules
45004



VERDI



SWITCH



DOUBLE-ARROW SINGLE-POLE SWITCH



BELL BUTTON



DIMMER

Mechanisms

Reference No.	Description	Characteristics	Modules
45101	Single-pole switch (mechanism + key)	16 A - 250 V	1
45111	Single-pole light-up switch*	16 A - 250 V	1
45110	Double-pole switch	16 A - 250 V	1
45140	Double-pole switch with key	16 A - 250 V	1
45102	Single-pole switch	16 A - 250 V	1
45112	Single-pole light-up switch*	16 A - 250 V	1
45180	Double-arrow single-pole switch	10 A - 250 V	1
45181	Double-arrow double-pole switch	10 A - 250 V	1
45125	Single-pole pushbutton	16 A - 250 V	1/2
45105	Single-pole pushbutton	10 A - 250 V	1
45115	Single-pole light-up pushbutton*	10 A - 250 V	1
45165	Single-pole pushbutton with key	16 A - 250 V	1
45104	Crossing	16 A - 250 V	1
45400	Dimmer	100-500 W 230 V / 60-300 W 127 V	1

* Lamp Ref. 45425 must be requested to obtain the full set (page 427).

Covers for mechanisms

Reference No.	Description	Characteristics	Modules
45401	Blanking cover	-	1/2
45402	Blanking cover	-	1



SCHUKO-TYPE PLUGS



SIGNALLING LIGHT



EMERGENCY PUSHBUTTON



EMERGENCY LIGHT

Sockets

Reference No.	Description	Characteristics	Modules
45201	Schuko-type socket	2P+E - 16 A - 250 V	2
45200	Red Schuko-type socket	2P+E - 16 A - 250 V	2
45202	Safety screen socket	2P+E - 16 A - 250 V	-
45231	4-pin phone socket	RJ11 connector	1
45233	8-pin IT socket	RJ45 connector AMP Cat. 5	1
45250	8-pin IT socket	RJ45 connector 3M Cat.6	1
45240	9.5-mm TV socket	Frequency 40/862 MHz	-

Signalling

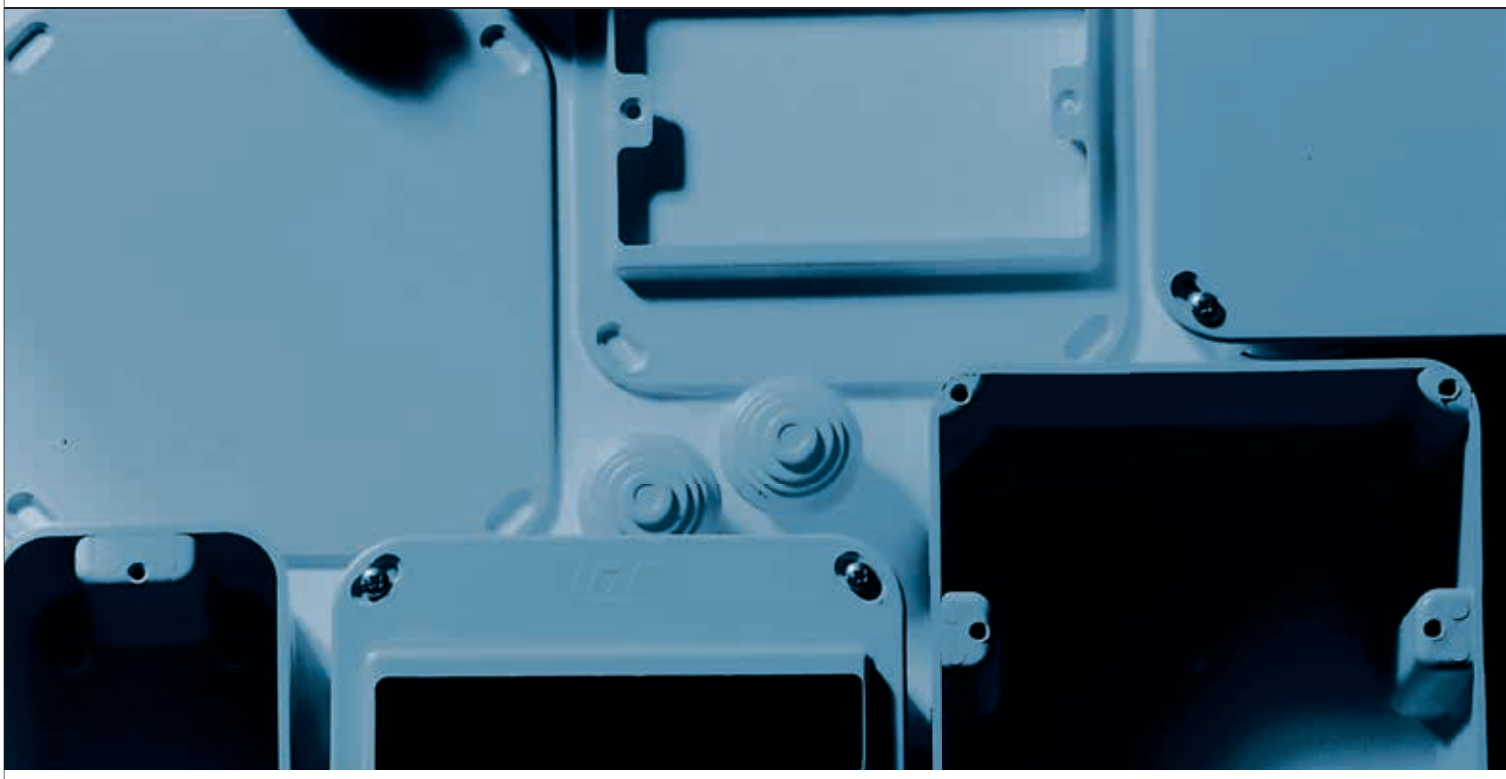
Reference No.	Description	Characteristics	Modules
45301	Transparent signalling light*	-	-
45302	Green signalling light*	-	-
45303	Red signalling light*	-	-
45310	LED emergency bulb 3-h life	1.2mA - 230V	2
45425	Bulb for mechanisms with cables	230V	-

* Lamp Ref 45425 or 45310 must be requested.

Emergency

Reference No.	Description	Characteristics	Modules
45175	Red emergency pushbutton	20A - 250V	2

AMERICAN





IP20 Boxes for electrical components

The American boxes are manufactured in high-durability halogen-free plastic. The distance between screws for fixing switches is the standard measurement of the so-called American system.

The pipe entries correspond to the 1/2", 3/4" and 1" measurements. There are models with blanking or cut-out covers for the installation of different electronic devices with weak currents.

AMERICAN
Technical characteristics

- **Degree of protection:** IP20.
- **Resistance to impact:** IK07.
- **Glow wire resistance:** 650 °C.

IP 20 CE

IP20 Boxes for electrical components

Reference No.	Description	Inches	Cable entry	Weight
				kg
45080	Box without cover	4''x2''	4x1/2 -3x3/4 - 2x1 - 2x3/4 - 1	0.1
45081	Box without cover	4''x4''	4x1/2 - 6x3/4 - 5x1	0.1
45082	Cover for mechanisms	4''x4''	-	0.1
45083	Blanking cover	4''x4''	-	0.1

HALOGEN-FREE PLASTIC MATERIALS

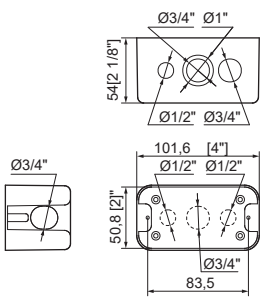
ABS RAL 7035 Light Grey.

IP20 - Surface.



45080

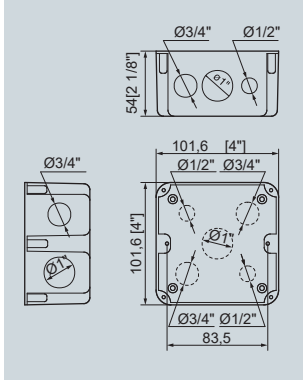
CABLE ENTRY: 4xØ1/2" - 3xØ3/4" - 2xØ1" - 2xØ3/4" 1"





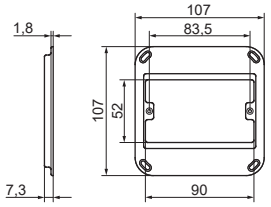
45081

CABLE ENTRY: 4xØ1/2" - 6xØ3/4" - 5xØ1"



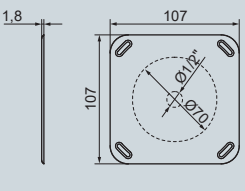


45082



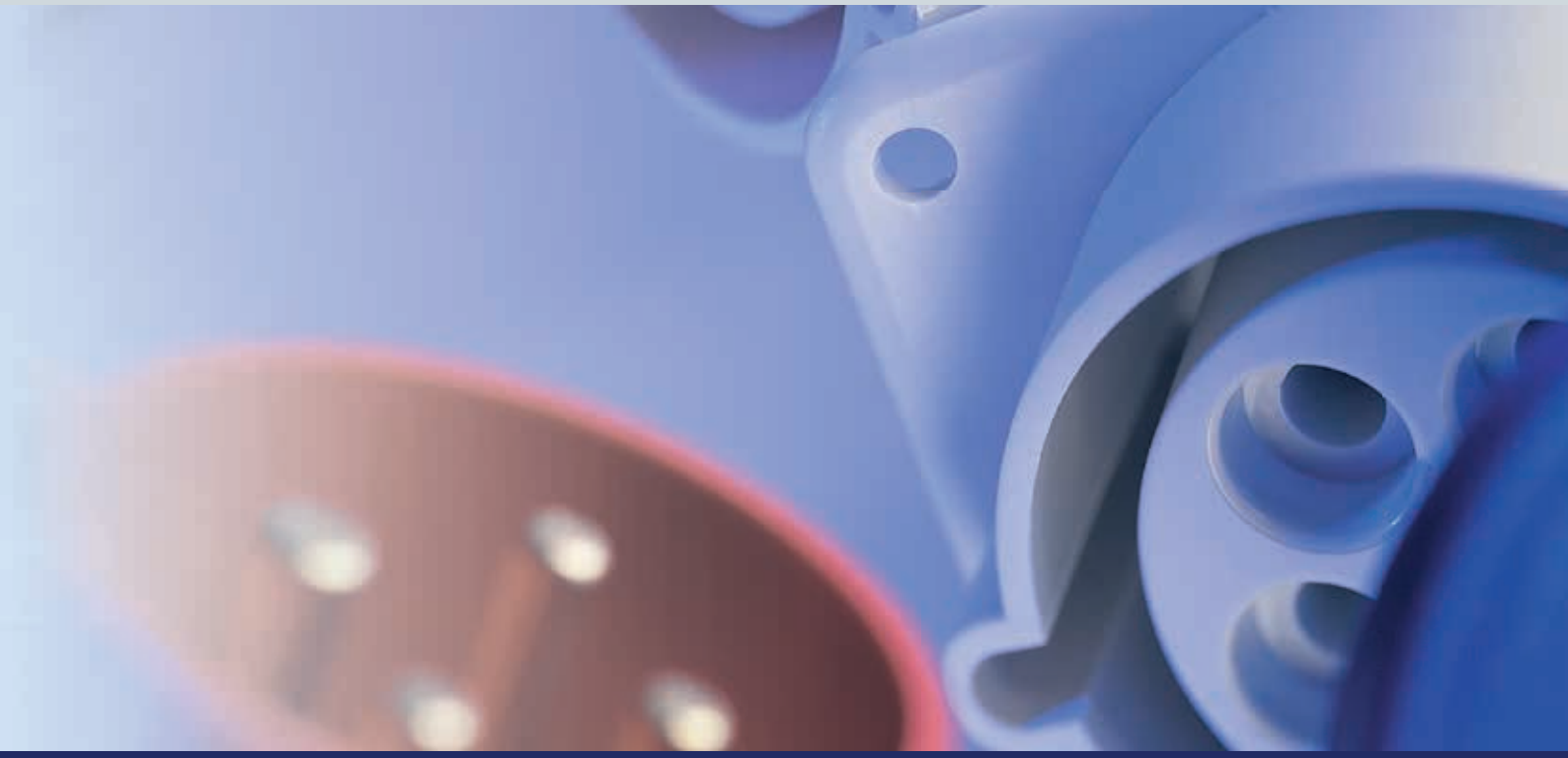


45083



AMERICAN





POWER SOCKETS

Industrial plugs and sockets

Mundial series
SCHUKO-TYPE
LOW VOLTAGE
INTERLOCKING
EXTRA LOW VOLTAGE

MUNDIAL





Industrial plugs and sockets

The MUNDIAL series comprises a set of plugs and sockets designed for industrial use. They are manufactured in accordance with the most demanding national and international standards, thereby ensuring they can be marketed and installed in all markets. These parts are subject to rigorous testing, thereby guaranteeing every required degree of protection.

This family of plugs and sockets are made of highly durable halogen-free plastic materials, and are available in a range of 10 to 125 amps and 24 to 500 volts. Their ergonomic design facilitates the connection and installation of wiring to the maximum.

They are designed to be installed wherever electrical power points may be required for fixed machinery, portable tools or auxiliary electrical equipment.

As such, their scope of application is industrial buildings and workshops, warehouses and storage areas, construction and building sites.

IP 44 IP 54 IP 66 IP 67 IP 68 CE



MUNDIAL technical data

- **Degree of protection:**
  Schuko type: IP44 / IP54 / IP67 / IP68.
  Low-voltage: IP44 / IP66 / IP67.
  Interlocking: IP44 / IP54 / IP67.
  Extra low voltage: IP44.
- **Impact resistance:** IK08.
- **Glow wire resistance:** 960 °C.
- **Ambient temperatura range:** -25 ºC / +40 ºC.

MUNDIAL certifications

CE

According to low-voltage directive 2014/35/EU.

Standards: UNE-EN 60309-1, UNE-EN 60309-2 e IEC 60884-1 (for Schuko-type bases), and directive 2011/65/EU RoHS.

MUNDIAL



IDE plugs and sockets are designed for a maximum cross-sectional conductor area, as indicated in the following table:

Terminals

Current (A)	Cross-sectional conductor area	
	Flexible mm²	Rigid mm²
16	4	6
32	6	10
63	16	25
125	50	70

Earth contact position (according to IEC 60309-2 - Series I)

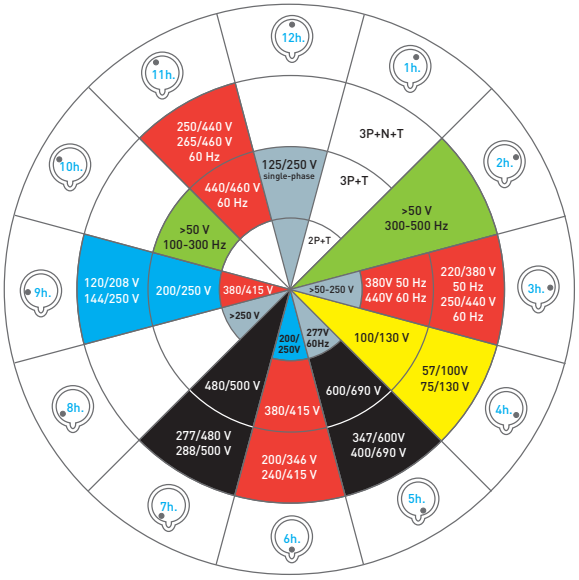
Voltage (V)	Frequency (HZ)	2P+E		3P+E		3P+N+E	
		16-32 A	63-125 A	16-32 A	63-125 A	16-32 A	63-125 A
63.5/110 - 75/130	50/60	-	-	-	-	4	4
110 - 130	50/60	4	4	4	4	-	-
120/208 - 144/250	50/60					9	9
220 - 250	50/60	6	6	9	9	-	-
220/380 - 240/415	50/60	-	-	-	-	6	6
220/380 - 250/440	50/60	-	-	-	-	3	3*
250/400 - 265/460	60	-	-	-	-	11	11
277	60	5	5	-	-	-	-
277/480 - 288/500	50/60	-	-	-	-	7	7
347/600 - 400/690	50/60	-	-	-	-	5	5
380 - 415	50/60	9	9	6	6	-	-
380 - 440	50/60	-	-	3	3*	-	-
440 - 460	60	-	-	11	11	-	-
480 - 500	50/60	7	7	7	7	-	-
600 - 690	50/60	-	-	5	5	-	-
>50	100/300	10*	10*	10	10*	10*	10*
>50	<300/500	2	2*	2	2*	2	2*
>50 - 250	DC	3	3	-	-	-	-
>250	DC	12	12	12	12	-	-

*** NON-STANDARD**

International colour code and reference

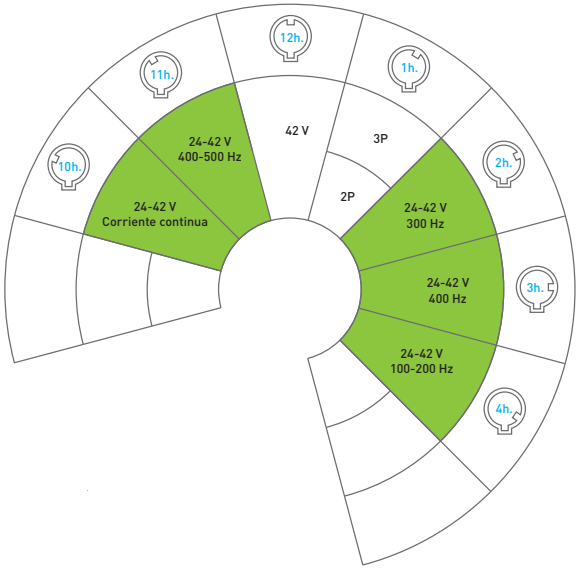
Low-Voltage Elements

Grounding in accordance with the clockwise position.



Extra Low-Voltage Elements

Auxiliary input guide.



Colour code

Voltage	Colour code
20-25 V	Violet
40-50 V	White
100-130 V	Yellow
200-250 V	Blue
380-480 V	Red
500-690 V	Black
>60-500 Hz	Green
no code	Grey

Codes illustrating the relation between the number of poles, assigned voltage, frequency, colour and time code that sockets manufactured in accordance with current regulations must comply with.

SCHUKO-TYPE PLUGS AND SOCKETS

Product series

- IP44 Schuko-type sockets.
- IP54 Schuko-type sockets.
- IP67 / IP68 Schuko-type sockets and plugs.
- IP44 rubber sockets and plugs.
- IP44 multiple socket.
- IP44 combo sockets and plugs.
- Current: 16 A.
- Voltage: 250 V.
- Poles: 2P+E.
- Frequency: 50/60 Hz.



IP54 FLUSH-FIT SOCKET



IP67 FLUSH-FIT SOCKET



IP67 WALL-MOUNTED



IP66-IP68 WANDER SOCKET

Material

- Plastic parts: Polyamide 6.
- Contacts: Copper-zinc alloy.
- Halogen-free plastic materials.
- High disruptive force.
- High resistance to extreme environmental agents.
- High resistance to chemical products and agents.

Main characteristics of the plastic material:

- Excellent resistance to impact.
- High thermal stability.
- Very good insulating qualities.

Main characteristics of the contacts:

- High-capacity electrical conduction: 15 mm/(Ohm mm^2).
- High corrosion resistance in industrial areas.

Supply

- Supplied in a single box per packaging multiple.

VERSIONS FOR IP54 SCHUKO-TYPE SOCKETS



SCREW-IN



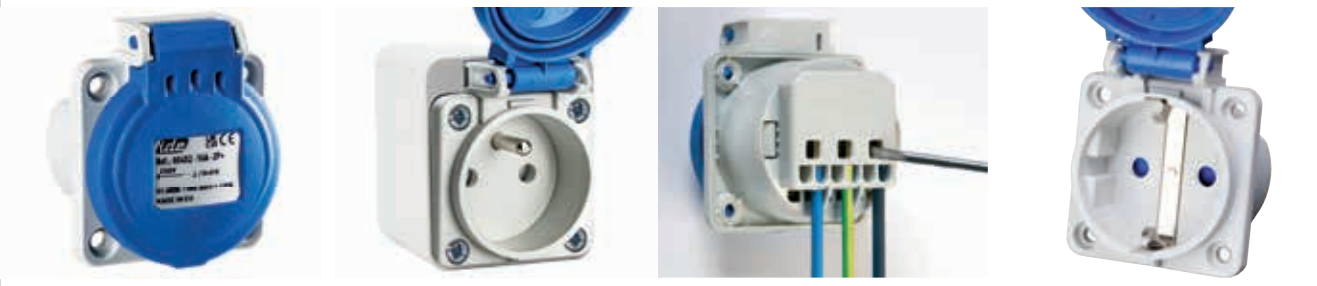
SCREWSLESS



SIDE GROUNDING SOCKET



PIN-TYPE GROUNDING SOCKET (FRENCH)



IP54-IP67-IP68 Schuko-type sockets

A wide range of Schuko-type plugs and sockets **for the provision of global solutions**:

- IP54 Schuko-type sockets, always supplied with a shutter, are available in versions with screw-in terminals and screwless terminals. Also available with a PIN type (French) earthing system.
- IP67 Schuko-type sockets, available in flush-fit sockets, wall sockets, wander sockets and wander plugs, thereby providing all solutions.

Cable input for IP54 sockets

- Screwless cable connection allows for cable entry in two directions (side and back).
- These sockets allow for the use of both flexible and rigid class I and II cables; treated and untreated Class II cables.

Shutter

- Schuko-type sockets supplied with a shutter provide an additional safety system, covering the contact input, thereby preventing the entry of any type of foreign body other than a plug.



Lids

- 180º lid opening
- Geometric shapes designed to provide items with excellent rigidity and personalised aesthetic

Rubber plugs and sockets

- Perfect grip and maximum resistance.
- Ample connection area and simple contact system assembly and disassembly.
- For cables with a diameter of between 6 and 13 mm

VERSIONS FOR IP67 SCHUKO-TYPE SOCKETS



SIDE GROUNDING SOCKET



PIN-TYPE GROUNDING SOCKET (FRENCH)

IP54 Schuko-type socket. Flush-fit






	Reference	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
	00452	16	2P+E	250	IP54	Side	Srew-in
	00451						
	00456						
	00457						
	00402	16	2P+E	250	IP54	Side	Screwless
	00464	16	2P+E	250	IP54	PIN	Screw-in
	00414						Screwless

IP54 Schuko-type socket. Wall-mounted





	Reference	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
	00652	16	2P+T	250	IP54	Side	Screw-in
	00651						
	00664	16	2P+T	250	IP54	PIN	Screw-in

IP67 Schuko-type socket. Flush-fit



Ref.	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
00105	16	2P+T	250	IP67	Side	Screw-in
00164	16	2P+T	250	IP67	PIN	Screw-in

IP67 Schuko-type socket. Wall-mounted



Ref.	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
00135	16	2P+T	250	IP67	Side	Screw-in

IP66-IP68 Schuko-type socket. Wander



Ref.	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
00118	16	2P+T	250	IP67-IP68	Side	Screw-in

IP66-IP68 Schuko-type plug. Wander



Ref.	Current (A)	Poles	Voltage (V)	IP	Grounding contact	Type of terminal
00114	16	2P+T	250	IP66-IP68	Dual	Screw-in

IP44 Schuko-type socket. Wander. Rubber





Reference	Current (A)	Poles	Voltage (V)	Material	IP	Grounding contact	Type of terminal
00125	16	2P+T	250	Rubber	IP44	Side	Screw-in
00125/N					IP20		
00125/F					IP20	PIN	

IP44-IP54 Schuko-type plug. Wander. Rubber





Reference	Current (A)	Poles	Voltage (V)	Material	IP	Grounding contact	Type of terminal
00115	16	2P+T	250	Rubber	IP44	Dual	Screw-in
00115/N					IP54		

IP44 Multiple sockets. Wander





Referencia	Current (A)	Poles	Voltage (V)	Material	IP	Description
00140	16	2P+T	250	Polyamide	IP44	1 plug + 3 sockets
00130	16	2P+T	250	Rubber	IP44	3 sockets

IP44 Combo sockets and plugs



IP44 combo sockets



IP44 combo plugs

Current	Poles	Voltage (V)	Time code		Reference No.	Reference No.
16A	2P+E	200/250	6		**00211**	**00121**
	3P+E	380/415	6		**00312**	-
	3P+N+E	200/346 - 240/415	6		**00313**	**00123**
32A	2P+E	200/250	6		**00214**	-
	3P+E	380/415	6		**00315**	-
	3P+N+E	200/346 - 240/415	6		**00316**	-

IP44 NEMA 5-15R-type sockets. Flush-fit



Ref.	Current (A)	Poles	Voltage (V)	Description	IP
00122	16	2P+T	250	American Type	IP44

IP44 NEMA 5-15R-type sockets. Wall-mounted



Ref.	Current (A)	Poles	Voltage (V)	Description	IP
00124	16	2P+T	250	American Type	IP44

IP54 RJ45 network socket



Two references need to be ordered to obtain the set:
Housing + network socket connector (00145 + 00146)
or Housing + USB module (00145 + 00147).



Ref.	Description	IP
00145	Network socket housing (for two RJ45 connectors)	IP54

Ref.	Description
00146	Keystone Jack RJ45 6A network socket connector
00147	USB 2.0 A-A USB Module

SCHUKO-TYPE

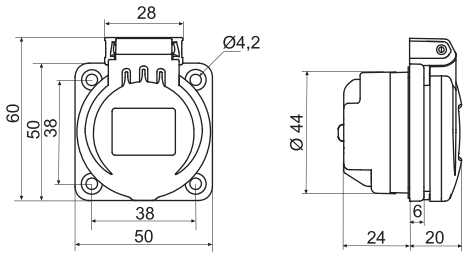
Industrial plugs and sockets dimensions

DIMENSIONS

IP54 Schuko-type sockets. Flush-fit. With shutter

Screw terminal. Lateral and PIN-Type ground contact



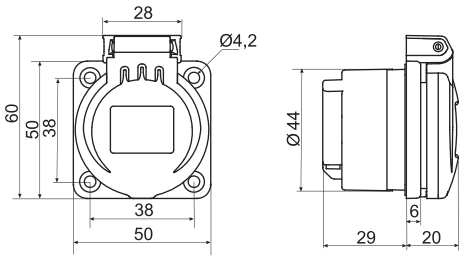


Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P+E	60	50	44

Flush-fit gap: Ø4 $^{+0}_{+0.5}$

Screwless terminal. Lateral and PIN-Type ground contact



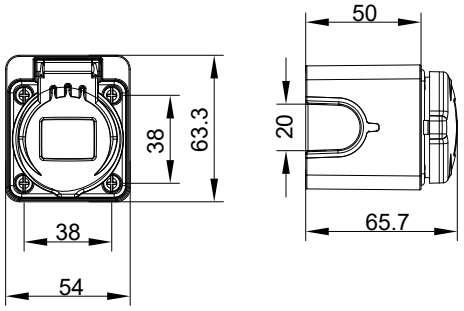


Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P+E	60	50	49

Flush-fit gap: Ø4 $^{+0}_{+0.5}$

IP54 Schuko-type sockets. Wall-mounted. With shutter

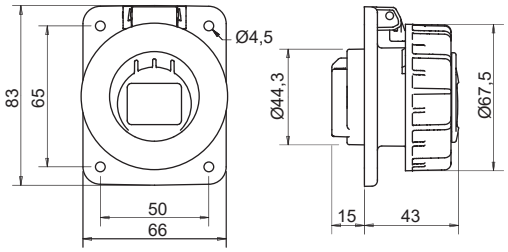




Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P+E	63.3	54	65.7

IP67 Schuko-type sockets. Flush-fit

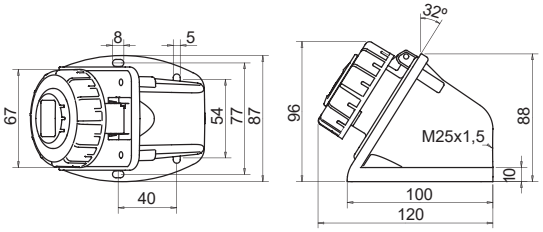




Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P+E	83	66	58

IP67 Schuko-type sockets. Wall-mounted

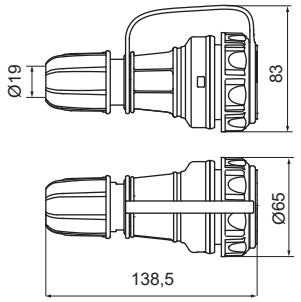




Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P+E	96	87	120

IP66-IP68 Schuko-type sockets. Wander

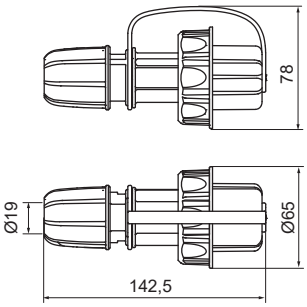




Current	Poles	Dimensions	
		LENGTH	Ø
16A	2P+E	139	65

IP66-IP68 Schuko-type plugs. Wander





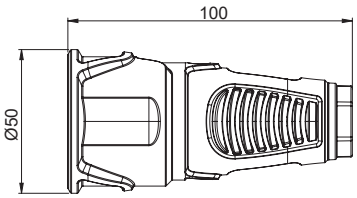
Current	Poles	Dimensions	
		LENGTH	Ø
16A	2P+E	143	65

SCHUKO-TYPE

Industrial plugs and sockets dimensions

IP44-IP20 Socket. Wander. Rubber

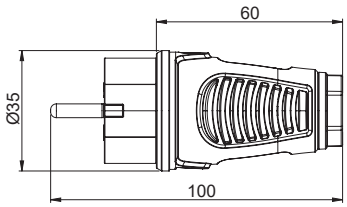




Current	Poles	Dimensions	
		LENGTH	Ø
16A	2P+E	100	50

IP54-IP44 Plug. Wander. Rubber

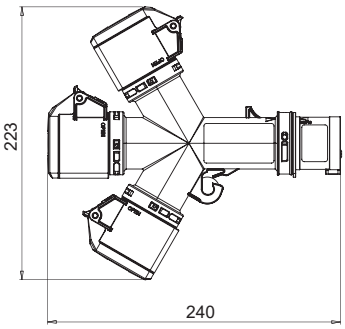




Current	Poles	Dimensions	
		LENGTH	Ø
16A	2P+E	102	42

IP44 Multiple socket. Wander

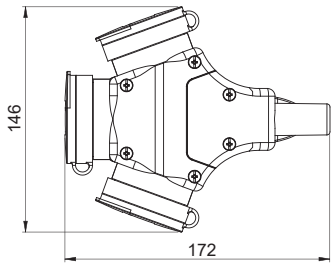




Current	Poles	Dimensions	
		LENGTH	HEIGHT
16A	2P+E	240	223

IP44 Multiple socket. Wander. Rubber

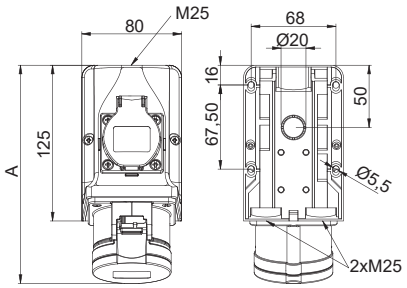




Current	Poles	Dimensions	
		LENGTH	HEIGHT
16A	2P+E	172	146

IP44 Combo socket



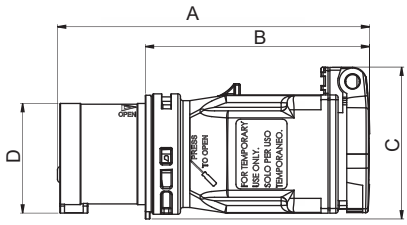


B= Height:
15°= Slope

Current	Poles	Dimensions		
		A	B	M
16A	2P+E	175	127	3x25
	3P+E	176	130	3x25
	3P+N+E	176	133	3x25
32A	2P+E	188	136	3x25
	3P+E	188	136	3x25
	3P+N+E	188	141	3x25

IP44 Combo plug

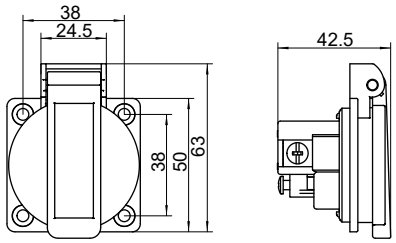




Current	Poles	Dimensions			
		A	B	C	D
16A	2P+E	134	96	65	47
	3P+N+E	133	96	74	61

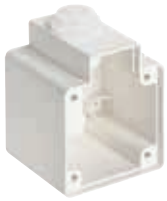
IP44 NEMA 5-15R-type socket. Flush-fit

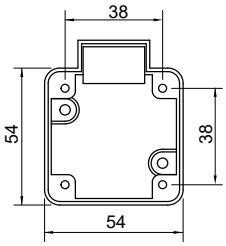




Dimensions		
HEIGHT	WIDTH	DEPTH
63	50	42.5

Enclosure for NEMA 5-15R-type socket

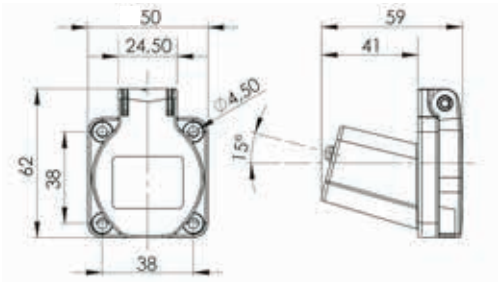




Dimensions		
HEIGHT	WIDTH	DEPTH
54	54	65

IP54 RJ45 network socket





Dimensions		
HEIGHT	WIDTH	DEPTH
62	50	59

LOW VOLTAGE PLUGS AND SOCKETS

IP44 product series

- Wander sockets.
- Straight flush-fit sockets.
- Sloping flush-fit sockets.
- Wall sockets.
- Wander plugs.
- Straight flush-fit plugs.
- Wall plugs.
- Phase inverters.

- Current: 16 A – 32 A.
- Voltage: 110V – 220V – 380V – 500V.
- Poles: 2P+E – 3P+E – 3P+N+E.
- Time code: 2h – 4h – 6h – 7h – 9h – 10h.
- Frequency: 50/60 Hz.

IP67 product series

- Wander sockets.
- Sloping flush-fit sockets.
- Wall sockets.
- Wander plugs.
- Sloping flush-fit plugs.
- Wall plugs.
- Phase inverters.

- Current: 16 A – 32 A – 63 A – 125 A.
- Voltage: 110V – 220V – 380V – 500V.
- Poles: 2P+E – 3P+E – 3P+N+E.
- Time code: 2h – 4h – 6h – 7h – 9h – 10h.
- Frequency: 50/60 Hz.



IP44 WANDER PLUG



IP44 WALL-MOUNTED SOCKET



IP67 FLUSH-FIT SOCKET



IP67 FLUSH-FIT PLUG

Material

- Plastic parts: Polyamide 6.
- Contacts: Copper-zinc alloy.
- Halogen-free plastic materials.

Main characteristics of the plastic material:

- Excellent resistance to impact.
- High thermal stability.
- Very good insulating qualities.
- High disruptive force.
- High resistance to extreme environmental agents.
- High resistance to chemical products and agents.

Main characteristics of the contacts:

- High-capacity electrical conduction: 15 mm/(Ohm mm^2).
- High corrosion resistance in industrial areas.
- Possibility of requesting nickel-plated contacts to increase resistance in marine, steamy environments, etc. (Add /NC to the reference).

Supply

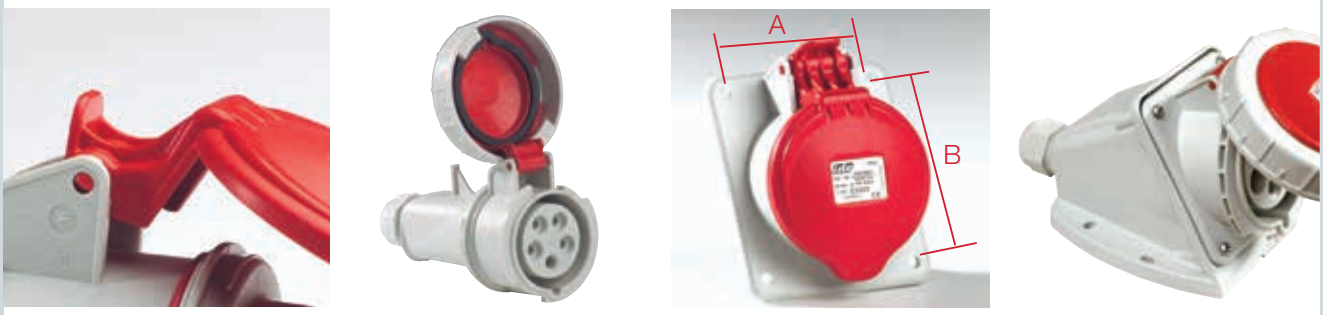
Supplied in an individual box per packaging multiple.



Wander socket and plug

- They feature an ergonomic design that makes it extremely easy for the installer to hold and handle them.
- The cable hose is secured by means of a cable gland system that guarantees total protection against the entry of water and solid bodies.
- Clipping system opening and closing, with a tool required to access live parts, in compliance with regulations.
- Easy access to cable connection thanks to screws on the side facing in the same direction.

Ergonomic design that facilitates holding and handling



Lid

- It features geometric forms that provide it with excellent rigidity and resistance to knocks and handling. There are three recesses at the top which become connection ribs with the opening and rotation tab.
- 180° lid opening and rotation, thus providing total and unlimited opening.
- The IP67 sockets and plugs have a ring that guarantees their degree of protection.

Shield for flush-fit sockets

- Four unique shield sizes. Two for 16 A and 32 A sockets and two for 63 A and 125 A sockets.

Wall-mounted sockets

- The IP44 wall-mounted sockets have a threaded cap and the IP67 sockets a cable gland to guarantee their degree of protection.
- They have threaded holes for wall-mounting that facilitate installation and levelling.

IP44 Industrial sockets. Low voltage

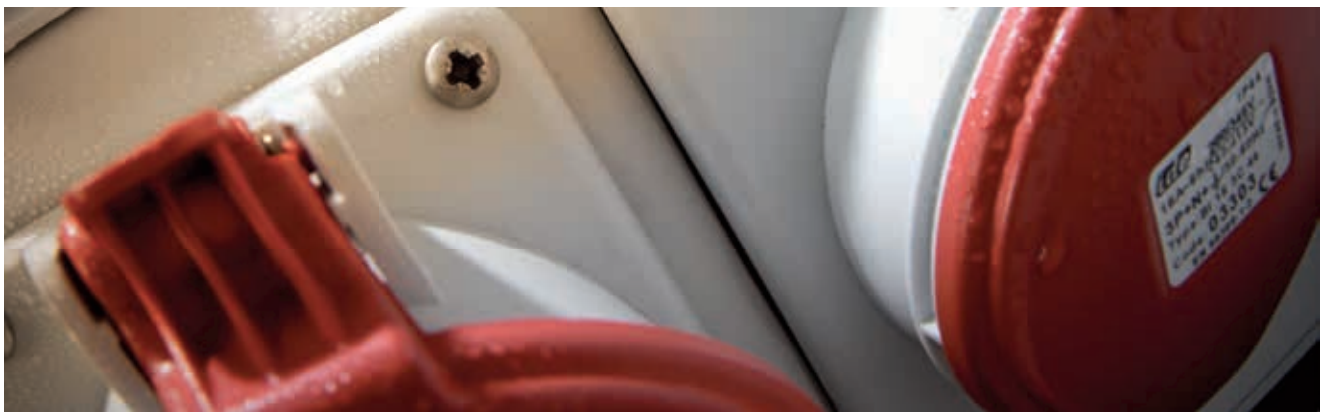





Current	Poles	Voltage (V)	Time code		Straight flush-fit sockets Reference No.	Sloping flush-fit sockets Reference No.	Wall-mounted sockets Reference No.	Wander sockets Reference No.
16A	2P+E	>50(301-500Hz)	2		-	07301	07321	07201
		100/130	4		01311	01301	01321	01201
		200/250	6		02311	02301	02321	02201
		480/500	7		-	05301	05321	05201
		380/415	9		03311	03301	03321	03201
	3P+E	>50(301-500Hz)	2		-	07302	07322	07202
		100/130	4		01312	01302	01322	01202
		380/415	6		03312	03302	03322	03202
		480/500	7		05312	05302	05322	05202
		200/250	9		02312	02302	02322	02202
		>50(100-300Hz)	10		-	07382	07352	07282
	3P+N+E	>50(301-500Hz)	2		-	07303	07323	07203
		57/100 75/130	4		01313	01303	01323	01203
		200/346 240/415	6		03313	03303	03323	03203
		277/480 288/500	7		05313	05303	05323	05203
		120/208 144/250	9		02313	02303	02323	02203
32A	2P+E	>50(301-500Hz)	2		-	07304	07324	07204
		100/130	4		01314	01304	01324	01204
		200/250	6		02314	02304	02324	02204
		480/500	7		-	05304	05324	05204
		380/415	9		03314	03304	03324	03204
	3P+E	>50(301-500Hz)	2		-	07305	07325	07205
		100/130	4		01315	01305	01325	01205
		380/415	6		03315	03305	03325	03205
		480/500	7		05315	05305	05325	05205
		200/250	9		02315	02305	02325	02205
		>50(100-300Hz)	10		-	07385	07395	07285
	3P+N+E	>50(301-500Hz)	2		-	07306	07326	07206
		57/100 75/130	4		01316	01306	01326	01206
		200/346 240/415	6		03316	03306	03326	03206
		277/480 288/500	7		05316	05306	05326	05206
		120/208 144/250	9		02316	02306	02326	02206

Available with nickel-plated contacts for marine environments. Ask us about price and delivery terms.

See dimensions on pages 452-453.



IP44 Industrial plugs. Low voltage







Current	Poles	Voltage (V)	Time code		Wander plugs Reference No.	Straight flush-fit plugs Reference No.	Wall-mounted plugs Reference No.
16A	2P+E	>50(301-500Hz)	2		**07101**	-	-
		100/130	4		**01101**	**01111**	**01121**
		200/250	6		**02101**	**02111**	**02121**
		480/500	7		**05101**	-	-
		380/415	9		**03101**	**03111**	**03121**
	3P+E	>50(301-500Hz)	2		**07102**	-	-
		100/130	4		**01102**	**01112**	**01122**
		380/415	6		**03102**	**03112**	**03122**
		480/500	7		**05102**	**05112**	**05122**
		200/250	9		**02102**	**02112**	**02122**
		>50(100-300Hz)	10		**07182**	-	-
	3P+N+E	>50(301-500Hz)	2		**07103**	-	-
		57/100 75/130	4		**01103**	**01113**	**01123**
		200/346 240/415	6		**03103**	**03113**	**03123**
		277/480 288/500	7		**05103**	**05113**	**05123**
		120/208 144/250	9		**02103**	**02113**	**02123**
32A	2P+E	>50(301-500Hz)	2		**07104**	-	-
		100/130	4		**01104**	**01114**	**01124**
		200/250	6		**02104**	**02114**	**02124**
		480/500	7		**05104**	-	-
		380/415	9		**03104**	**03114**	**03124**
	3P+E	>50(301-500Hz)	2		**07105**	-	-
		100/130	4		**01105**	**01115**	**01125**
		380/415	6		**03105**	**03115**	**03125**
		480/500	7		**05105**	**05115**	**05125**
		200/250	9		**02105**	**02115**	**02125**
		>50(100-300Hz)	10		**07185**	-	-
	3P+N+E	>50(301-500Hz)	2		**07106**	-	-
		57/100 75/130	4		**01106**	**01116**	**01126**
		200/346 240/415	6		**03106**	**03116**	**03126**
		277/480 288/500	7		**05106**	**05116**	**05126**
		120/208 144/250	9		**02106**	**02116**	**02126**

See dimensions on page 453.

IP44-IP67 Phase inverter connectors





Current	Poles	Voltage (V)	Time code		IP44 phase inverter Reference No.	IP67 phase inverter Reference No.
16A	3P+E	200/250	9		**08509**	**08510**
	3P+E	380/415	6		**08501**	**08505**
	3P+N+E	200/346 - 240/415	6		**08502**	**08506**
32A	3P+E	200/250	9		**08511**	**08512**
	3P+E	380/415	6		**08503**	**08507**
	3P+N+E	200/346 - 240/415	6		**08504**	**08508**

IP66-IP67 Industrial sockets. Low voltage





I	Poles	Voltage (V)	Time code		Sloping flush-fit sockets Reference No.	Wall sockets Reference No.	Wander sockets Reference No.
16A	2P+E	>50(301-500Hz)	2		07801	07821	07701
		100/130	4		01801	01821	01701
		200/250	6		02801	02821	02701
		480/500	7		05801	05821	05701
		380/415	9		03801	03821	03701
	3P+E	>50(301-500Hz)	2		07802	07822	07702
		100/130	4		01802	01822	01702
		380/415	6		03802	03822	03702
		480/500	7		05802	05822	05702
		200/250	9		02802	02822	02702
		>50(100-300Hz)	10		07882	07892	07782
	3P+N+E	>50(301-500Hz)	2		07803	07823	07703
		57/100 75/130	4		01803	01823	01703
		200/346 240/415	6		03803	03823	03703
		277/480 288/500	7		05803	05823	05703
		120/208 144/250	9		02803	02823	02703
32A	2P+E	>50(301-500Hz)	2		07804	07824	07704
		100/130	4		01804	01824	01704
		200/250	6		02804	02824	02704
		480/500	7		05804	05824	05704
		380/415	9		03804	03824	03704
	3P+E	>50(301-500Hz)	2		07805	07825	07705
		440 (60Hz)	3		07815	07835	07715
		100/130	4		01805	01825	01705
		380/415	6		03805	03825	03705
		480/500	7		05805	05825	05705
		200/250	9		02805	02825	02705
		>50(100-300Hz)	10		07885	07895	07785
	3P+N+E	>50(301-500Hz)	2		07806	07826	07706
		57/100 75/130	4		01806	01826	01706
		200/346 240/415	6		03806	03826	03706
		277/480 288/500	7		05806	05826	05706
		120/208 144/250	9		02806	02826	02706
63A	2P+E	100/130	4		01851	01871	01751
		200/250	6		02851 / 02851P	02871 / 02871P	02751 / 02751P
	3P+E	380/415	6		03852 / 03852P	03872 / 03872P	03752 / 03752P
		480/500	7		05852	05872	05752
		200/250	9		02852	02872	02752
	3P+N+E	200/346 240/415	6		03853 / 03853P	03873 / 03873P	03753 / 03753P
125A	2P+E	100/130	4		01854	01874	01754
		200/250	6		02854 / 02854P	02874 / 02874P	02754 / 02754P
	3P+E	380/415	6		03855 / 03855P	03875 / 03875P	03755 / 03755P
		480/500	7		05855	05875	05755
		200/250	9		02855	02875	02755
	3P+N+E	200/346 240/415	6		03856 / 03856P	03876 / 03876P	03756 / 03756P

Available with nickel-plated contacts for marine environments. Ask us about price and delivery terms.
See dimensions on pages 454-455.
P: Sockets with pilot contact.

IP66-IP67 Industrial plugs. Low voltage





I	Poles	Voltage (V)	Time code		Wander plugs Reference No.	Flush-fit plugs* Reference No.	Wall plugs Reference No.
16A	2P+E	>50(301-500Hz)	2		**07601**	-	-
		100/130	4		**01601**	**01611**	**01621**
		200/250	6		**02601**	**02611**	**02621**
		480/500	7		**05601**	-	-
		380/415	9		**03601**	-	-
	3P+E	>50(301-500Hz)	2		**07602**	-	-
		100/130	4		**01602**	-	-
		380/415	6		**03602**	**03612**	**03622**
		480/500	7		**05602**	**05612**	**05622**
		200/250	9		**02602**	**02612**	**02622**
		>50(100-300Hz)	10		**07682**	-	-
	3P+N+E	>50(301-500Hz)	2		**07603**	-	-
		57/100 75/130	4		**01603**	-	-
		200/346 240/415	6		**03603**	**03613**	**03623**
		277/480 288/500	7		**05603**	-	-
		120/208 144/250	9		**02603**	-	-
32A	2P+E	>50(301-500Hz)	2		**07604**	-	-
		100/130	4		**01604**	**01614**	**01624**
		200/250	6		**02604**	**02614**	**02624**
		480/500	7		**05604**	-	-
		380/415	9		**03604**	-	-
	3P+E	>50(301-500Hz)	2		**07605**	-	-
		440 (60Hz)	3		**07615**	-	-
		100/130	4		**01605**	-	-
		380/415	6		**03605**	**03615**	**03625**
		480/500	7		**05605**	**05615**	**05625**
		200/250	9		**02605**	**02615**	**02625**
		>50(100-300Hz)	10		**07685**	-	-
	3P+N+E	>50(301-500Hz)	2		**07606**	-	-
		57/100 75/130	4		**01606**	-	-
		200/346 240/415	6		**03606**	**03616**	**03626**
		277/480 288/500	7		**05606**	-	-
		120/208 144/250	9		**02606**	-	-
63A	2P+E	100/130	4		**01651**	**01661**	**01671**
		200/250	6		**02651**	**02661**	**02671**
	3P+E	380/415	6		**03652**	**03662**	**03672**
		480/500	7		**05652**	**05662**	**05672**
		200/250	9		**02652**	**02662**	**02672**
	3P+N+E	200/346 240/415	6		**03653**	**03663**	**03673**
125A	2P+E	100/130	4		**01654**	**01664**	**01674**
		200/250	6		**02654**	**02664**	**02674**
	3P+E	380/415	6		**03655**	**03665**	**03675**
		480/500	7		**05655**	**05665**	**05675**
		200/250	9		**02655**	**02665**	**02675**
	3P+N+E	200/346 240/415	6		**03656**	**03666**	**03676**

Available with nickel-plated contacts for marine environments.
Ask us about price and delivery terms.
63A and 125A plugs with pilot contact.

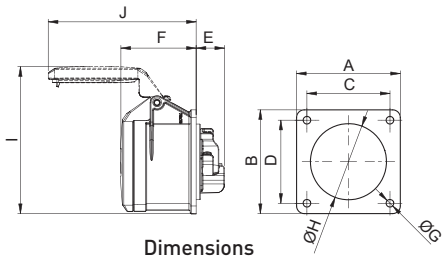
* Flush-fit plugs:
- 16 A - 32 A: Angled IP67.
- 63 A - 125 A: Sloping.

See dimensions on pages 455-457.

DIMENSIONS

IP44 Straight sockets. Flush-fit

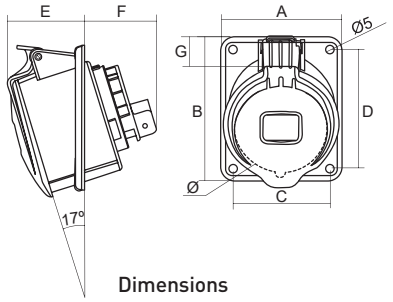




Current	Poles	A	B	C	D	E	F	G	H	I	J
16A	2P+E	70	70	56	56	21	55	5,5	43	87	101
	3P+E	70	70	56	56	21	55	5,5	45	101	101
	3P+N+E	70	70	56	56	21	55	5,5	55	105	107
32A	2P+E	70	70	56	56	23	67	5,5	55	112	122
	3P+E	70	70	56	56	23	67	5,5	55	112	122
	3P+N+E	70	70	56	56	23	67	5,5	58	108	136

IP44 Sloping sockets. Flush-fit

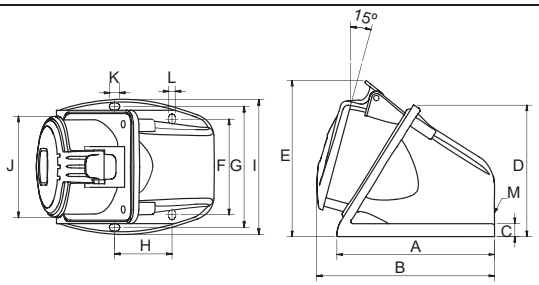




Current	Poles	A	B	C	D	E	F	Ø	G
16A	2P+E	66	83	50	65	43	43	53	17
	3P+E	66	83	50	65	43	43	60	14
	3P+N+E	80	96	64	79	43	47	66	15
32A	2P+E	80	96	64	79	50	51	68	14
	3P+E	80	96	64	79	50	51	68	14
	3P+N+E	80	96	64	79	50	51	74	11

IP44 Sockets. Wall-mounted

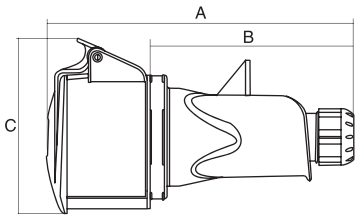




Current	Poles	A	B	C	D	E	F	G	H	I	J	K	L	M
16A	2P+E	100	109	10	88	98	53.6	76.6	40	87	55.5	8	5	M25x1.5
	3P+E	100	109	10	88	103	53.6	76.6	40	87	61.8	8	5	M25x1.5
	3P+N+E	118	127	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
32A	2P+E	118	132	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
	3P+E	118	132	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
	3P+N+E	118	132	10	99	120	71.6	90.6	43	101	76.7	8	5	M25x1.5

IP44 Sockets. Wander

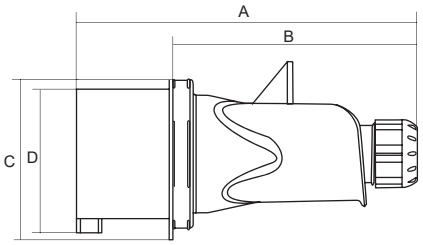




Current	Poles	Dimensions		
		A	B	C
16A	2P+E	151	96	82
	3P+E	156	106	86
	3P+N+E	161	111	98
32A	2P+E	171	111	98
	3P+E	171	111	98
	3P+N+E	178	118	102

IP44 Plugs. Wander

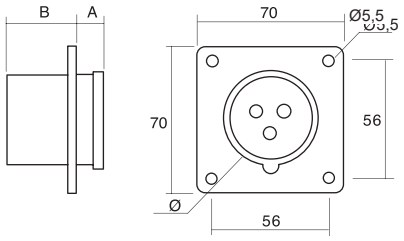




Current	Poles	Dimensions			
		A	B	C	D
16A	2P+E	134	96	55	54
	3P+E	144	106	61	58
	3P+N+E	149	111	69	66
32A	2P+E	156	111	72	66
	3P+E	156	111	72	66
	3P+N+E	163	118	78	72

IP44 Straight plugs. Flush-fit

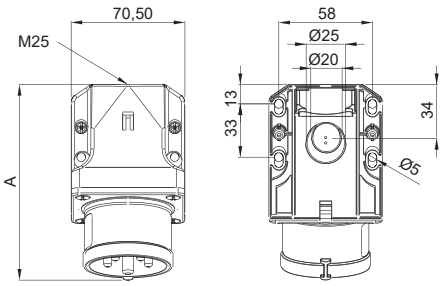




Current	Poles	Dimensions		
		A	B	Ø
16A	2P+E	21	42	43
	3P+E	21	42	45
	3P+N+E	20	42	55
32A	2P+E	21	51	55
	3P+E	21	51	55
	3P+N+E	21	51	55

IP44 Plugs. Wall-mounted



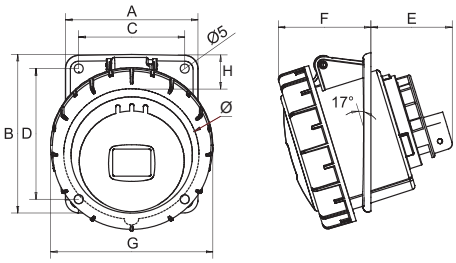


B= Height. 15°= Slope

Current	Poles	Dimensions		
		A	B	M
16A	2P+E	120	76	25
	3P+E	121	76	25
	3P+N+E	122	79	25
32A	2P+E	131	82	25
	3P+E	131	82	25
	3P+N+E	132	85	25

IP66-IP67 Sloping sockets. Flush-fit

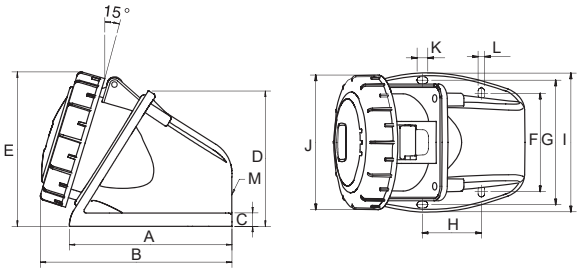




Current	Poles	Dimensions								
		A	B	C	D	E	F	G	H	Ø Oblong (H X W)
16A	2P+E	66	83	50	65	43	50	69	17	53
	3P+E	66	83	50	65	43	50	77	14	60
	3P+N+E	80	98	64	79	43	50	89	15	66
32A	2P+E	80	96	64	79	50	56	89	14	68
	3P+E	80	96	64	79	50	56	89	14	68
	3P+N+E	80	96	64	79	50	56	98	11	74
63A	2P+E	100	112	80	88	64	80	109	-	92x82
	3P+E	100	112	80	88	64	80	109	-	92x82
	3P+N+E	100	112	80	88	64	80	109	-	92x82
125A	2P+E	120	130	100	108	92	77	124	-	102x90
	3P+E	120	130	100	108	92	77	124	-	102x90
	3P+N+E	120	130	100	108	92	77	124	-	102x90

IP66-IP67 Sockets. Wall-mounted



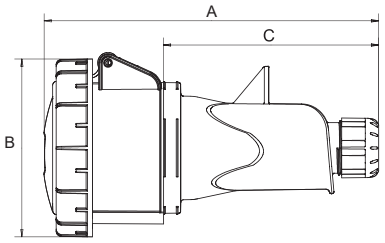


Current	Poles	Dimensions												
		A	B	C	D	E	F	G	H	I	J	K	L	M
16A	2P+E	100	117	10	88	90	53.6	76.6	40	87	69	8	5	M25x1.5
	3P+E	100	117	10	88	95	53.6	76.6	40	87	77	8	5	M25x1.5
	3P+N+E	118	135	10	99	108	71.6	76.6	43	101	89	8	5	M25x1.5
32A	2P+E	118	140	10	99	108	71.6	90.6	43	101	89	8	5	M25x1.5
	3P+E	118	140	10	99	108	71.6	90.6	43	101	89	8	5	M25x1.5
	3P+N+E	118	140	10	99	111	71.6	90.6	43	101	98	8	5	M25x1.5
63A	2P+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
	3P+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
	3P+N+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
125A	2P+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40
	3P+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40
	3P+N+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40

Photo and drawing representative for 16/32A.

IP66-IP67 Sockets. Wander

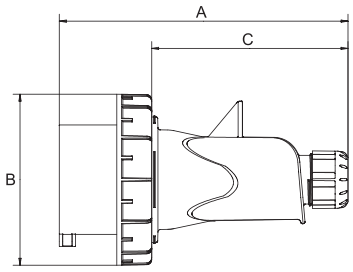




Current	Poles	Dimensions		
		A	B	C
16A	2P+E	156	69	96
	3P+E	160	77	106
	3P+N+E	172	89	111
32A	2P+E	182	89	111
	3P+E	182	89	111
	3P+N+E	189	98	118
63A	2P+E	269	114	-
	3P+E	269	114	-
	3P+N+E	269	114	-
125A	2P+E	287	124	-
	3P+E	287	124	-
	3P+N+E	287	124	-

IP66-IP67 Plugs. Wander

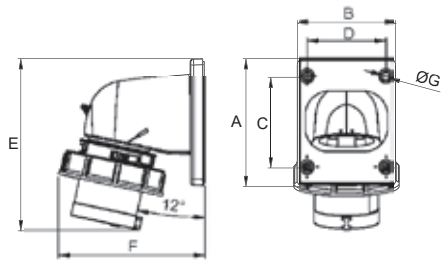




Current	Poles	Dimensions		
		A	B	C
16A	2P+E	134	69	96
	3P+E	144	77	106
	3P+N+E	149	89	111
32A	2P+E	156	89	111
	3P+E	156	89	111
	3P+N+E	163	98	118
63A	2P+E	257	114	-
	3P+E	257	114	-
	3P+N+E	257	114	-
125A	2P+E	270	131	-
	3P+E	270	131	-
	3P+N+E	270	131	-

IP67 Angled plugs. Flush-fit

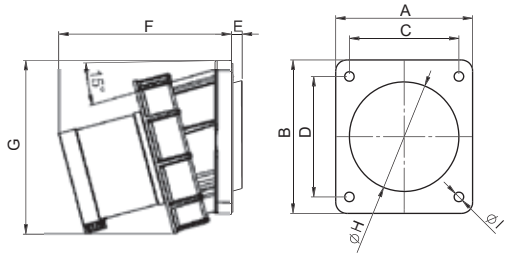




Current	Poles	Dimensions						
		A	B	C	D	E	F	G
16A	2P+E	86	66	61	53	116	99	5
	3P+E	86	66	61	53	117	103	5
	3P+N+E	100	90	85	77	153	107	5
32A	2P+E	100	90	85	77	163	110	5
	3P+E	100	90	85	77	163	110	5
	3P+N+E	100	90	85	77	164	114	5

IP66-IP67 Sloping plugs. Flush-fit

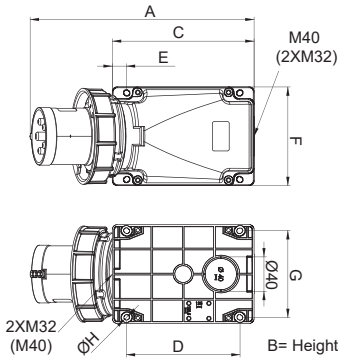




Current	Poles	Dimensions								
		A	B	C	D	E	F	G	H	I
63A	2P+E	100	112	80	88	8	127	127	80	7
	3P+E	100	112	80	88	8	127	127	80	7
	3P+N+E	100	112	80	88	8	127	127	80	7
125A	2P+E	120	130	100	108	8	139	145	100	7
	3P+E	120	130	100	108	8	139	145	100	7
	3P+N+E	120	130	100	108	8	139	145	100	7

IP66-IP67 Plugs. Wall-mounted





Current	Poles	Dimensions							
		A	B	C	D	E	F	G	ØH
16A	2P+E	136	99	103	47	-	71	70	5
	3P+E	138	94	100	47	-	79	70	5
	3P+N+E	140	100	103	47	-	87	70	5
32A	2P+E	150	104	103	47	-	93	70	5
	3P+E	153	104	103	47	-	93	70	5
	3P+N+E	152	102	103	47	-	102	70	5
63A	2P+E	271	175	170	136	17	118	104	6
	3P+E	271	175	170	136	17	118	104	6
	3P+N+E	271	175	170	136	17	118	104	6
125A	2P+E	387	209	262	240	11	162	142	8
	3P+E	387	209	262	240	11	162	142	8
	3P+N+E	387	209	262	240	11	162	142	8

Hose diameters for IP44-IP67 plugs and sockets

Current	Poles	Dimensions	
		MINIMUM DIAMETER (mm)	MAXIMUM DIAMETER (mm)
16A	2P+E	8.1	13
	3P+E	8.8	14
	3P+N+E	10	15.3
32A	2P+E	11	17.3
	3P+E	12.5	19.3





INTERLOCKING SOCKETS

Product series

- IP44-IP54 / IP66-IP67 flush-fit sockets.
- IP44-IP54 / IP66-IP67 wall sockets.
- IP66-IP67 Wall sockets with DIN rail.

- Current: 16 A – 32 A – 63 A.
- Voltage: 110 V – 220 V – 380 V – 500 V.
- Poles: 2P+E – 3P+E – 3P+N+E.
- Time code: 4h - 6h.
- Frequency: 50/60 Hz.







Material

- Plastic parts: Polyamide 6.
- Contacts: Copper-zinc alloy.
- Halogen-free plastic materials.

Main characteristics of the plastic material:

- Excellent resistance to impact.
- High thermal stability.
- Very good insulating qualities.
- High disruptive force.
- High resistance to extreme environmental agents.
- High resistance to chemical products and agents.

Main characteristics of the contacts:

- High-capacity electrical conduction: 15 mm/(Ohm mm^2).
- High corrosion resistance in industrial areas.
- Possibility of requesting nickel-plated contacts to increase resistance in marine, steamy environments, etc. (Add /NC to the reference).

Supply

- Supplied in an individual box per packaging multiple.

Technical characteristics

- Available in flush-fit and surface version.
- Sockets with mechanical interlocking with a compact design that saves storage space.
- All the components are assembled on the top part.
- Mechanical interlocking: when the plug is inserted it this blocked, and when the plug is removed, the socket is blocked.
- The interlocking socket with DIN rail has room for five modules.

IP44-IP54-IP66-IP67 Interlocking sockets. Low voltage







Current	Poles	Voltage (V)	Time code		IP44-IP54 flush-fit	IP44-IP54 wall	IP66-IP67 flush fit	IP66-IP67 wall	IP66-IP67 wall with DIN rail
					Reference No.	Reference No.	Reference No.	Reference No.	Reference No.
16A	2P+E	100/130	4		**01351**	**01361**	**01811**	**01831**	**01841**
		200/250	6		**02351**	**02361**	**02811**	**02831**	**02841**
	3P+E	380/415	6		**03352**	**03362**	**03812**	**03832**	**03842**
	3P+N+E	200/346 - 240/415	6		**03353**	**03363**	**03813**	**03833**	**03843**
32A	2P+E	100/130	4		**01354**	**01364**	**01814**	**01834**	**01844**
		200/250	6		**02354**	**02364**	**02814**	**02834**	**02844**
	3P+E	380/415	6		**03355**	**03365**	**03815**	**03835**	**03845**
	3P+N+E	200/346 - 240/415	6		**03356**	**03366**	**03816**	**03836**	**03846**
63A	2P+E	100/130	4		-	-	-	-	**01881**
		200/250	6		-	-	-	-	**02881**
	3P+E	380/415	6		-	-	-	**03839**	**03882**
	3P+N+E	200/346 - 240/415	6		-	-	-	**03840**	**03883**

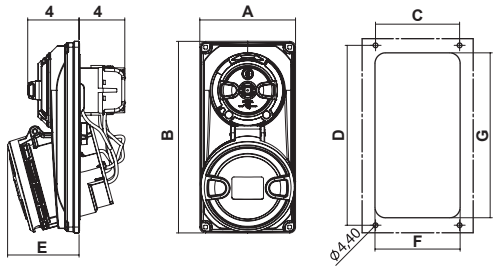
Available with nickel-plated contacts for marine environments. Ask us about price and delivery terms.

See dimensions on pages 460-461.

DIMENSIONS

IP44-IP54 Interlocking sockets. Flush-fit

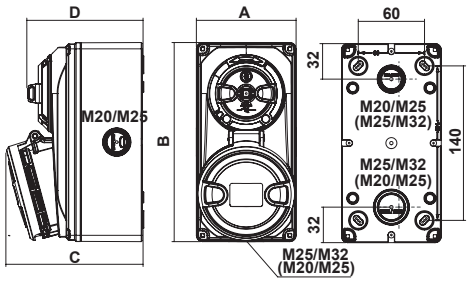




Current	Poles	Dimensions						
		A	B	C	D	E	F	G
16A	2P+E	90	180	79	169	58	80	155
	3P+E	90	180	79	169	60	80	155
	3P+N+E	90	180	79	169	61	80	155
32A	2P+E	90	180	79	169	66	80	155
	3P+E	90	180	79	169	66	80	155
	3P+N+E	90	180	79	169	67	80	155

IP44-IP54 Interlocking sockets. Wall-mounted

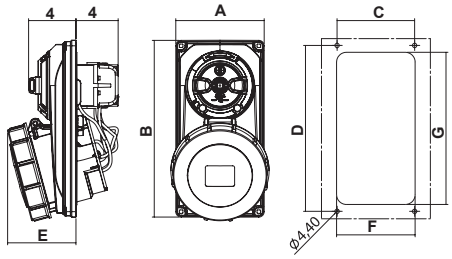




Current	Poles	Dimensions			
		A	B	C	D
16A	2P+E	90	180	115	105
	3P+E	90	180	117	105
	3P+N+E	90	180	118	105
32A	2P+E	90	180	123	105
	3P+E	90	180	123	105
	3P+N+E	90	180	124	105

IP66-IP67 Interlocking sockets. Flush-fit

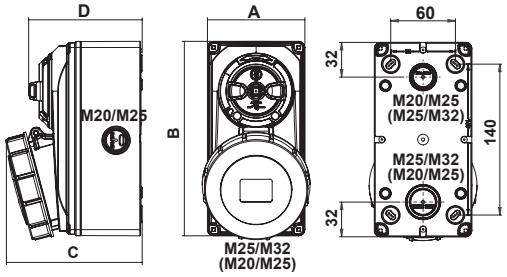




Current	Poles	Dimensions						
		A	B	C	D	E	F	G
16A	2P+E	90	180	79	169	59	80	155
	3P+E	90	180	79	169	61	80	155
	3P+N+E	90	180	79	169	65	80	155
32A	2P+E	90	180	79	169	67	80	155
	3P+E	90	180	79	169	67	80	155
	3P+N+E	90	180	79	169	70	80	155

IP66-IP67 Interlocking sockets. Wall-mounted





I	Poles	Dimensions						
		A	B	C	D	E	F	ØG
16A	2P+ E	90	180	116	105	-	-	-
	3P+E	90	180	118	105	-	-	-
	3P+N+E	90	180	122	105	-	-	-
32A	2P+E	90	180	124	105	-	-	-
	3P+E	90	180	124	105	-	-	-
	3P+N+E	90	180	127	105	-	-	-
63A	3P+E	162	310	140	240	11	184	9
	3P+N+E	162	310	140	240	11	184	9

Photo and drawing representative for 16 A - 32 A sockets.



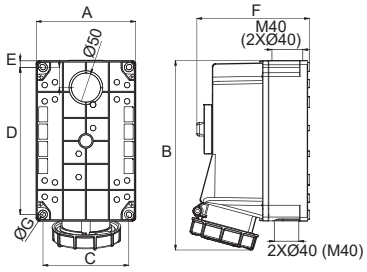
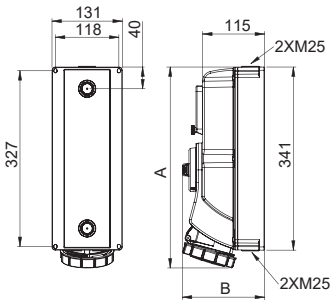


Photo and drawing representative for 63 A sockets.

IP66-IP67 Interlocking sockets. Wall-mounted. With DIN rail





Current	Poles	Dimensions		
		A	B	M
16A	2P+E	361	153	3x25
	3P+E	361	153	3x25
	3P+N+E	363	153	3x25
32A	2P+E	371	153	3x25
	3P+E	371	153	3x25
	3P+N+E	372	153	3x25
63A	2P+E	496	195	-
	3P+E	496	195	-
	3P+N+E	496	195	-

Photo and drawing representative for 16 A - 32 A sockets.



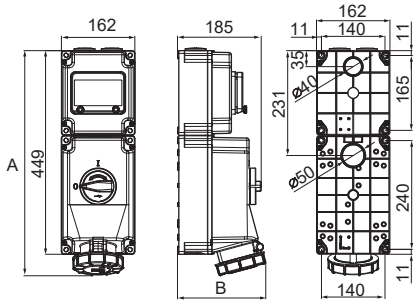


Photo and drawing representative for 63 A sockets.

MUNDIAL

Industrial plugs and sockets

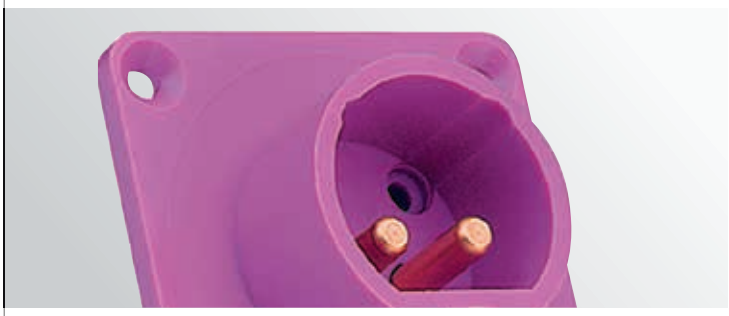


EXTRA LOW VOLTAGE

Product series

- IP44 wander sockets.
- IP44 straight flush-fit sockets.
- IP44 wall sockets.
- IP44 wander plugs.
- IP44 straight flush-fit plugs.
- IP44 wall plugs.

- Current: 16A – 32A.
- Voltage: 24V – 42V / 50/60 Hz – 100 up to 500 Hz.
- Poles: 2P+E – 3P+E.
- Time code: NR. – 2h – 3h – 4h – 10h – 11h - 12h.
- Frequency: 50/60 Hz.





Material

- Plastic parts: Polyamide 6.
- Contacts: Copper-zinc alloy.
- Halogen-free plastic materials.

Main characteristics of the plastic material:

- Excellent resistance to impact.
- High thermal stability.
- Very good insulating qualities.
- High disruptive force.
- High resistance to extreme environmental agents.
- High resistance to chemical products and agents.

Main characteristics of the contacts:

- High-capacity electrical conduction: 15 mm/(Ohm mm^2).
- High corrosion resistance in industrial areas.

Supply

- Supplied in an individual box per packaging multiple.

Technical characteristics

- They feature an ergonomic design that makes it extremely easy for the installer to hold and handle them.
- Clipping system opening and closing, with a tool required to access live parts, in compliance with regulations.
- Easy access to cable connection and quick installation.
- Protection from jolts thanks to strong cable sealing.
- Cable diameters from 8 to 24 mm can be used.

IP44 Plugs and sockets. Extra low voltage



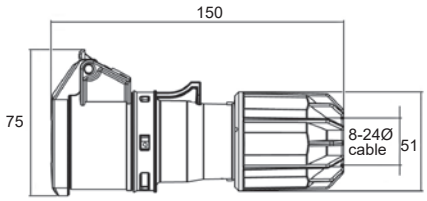
I	Poles	Voltage (V)	Frequency (Hz)	Time code		Wander sockets	Straight flush-fit sockets	Wall-mounted sockets	Wander plugs	Straight flush-fit plugs	Wall-mounted plugs
						Reference No.	Reference No.	Reference No.	Reference No.	Reference No.	Reference No.
16A	2P	24	50/60	nr.		08201	08311	08321	08101	08111	08121
		42	50/60	12		09201	09311	09321	09101	09111	09121
		24/42	100/200	4		08449	08465	08481	08401	08417	08433
		24/42	300	2		08451	08467	08483	08403	08419	08435
		24/42	400	3		08453	08469	08485	08405	08421	08437
		24/42	400/500	11		08455	08471	08487	08407	08423	08439
		24/42	dc	10		06201	06311	06321	06101	06111	06121
	3P	24	50/60	nr.		08202	08312	08322	08102	08112	08122
		42	50/60	12		09202	09312	09322	09102	09112	09122
		24/42	100/200	4		08450	08466	08482	08402	08418	08434
		24/42	300	2		08452	08468	08484	08404	08420	08436
		24/42	400	3		08454	08470	08486	08406	08422	08438
		24/42	400/500	11		08456	08472	08488	08408	08424	08440
		24/42	dc	10		06202	06312	06322	06102	06112	06122
32A	2P	24	50/60	nr.		08204	08314	08324	08104	08114	08124
		42	50/60	12		09204	09314	09324	09104	09114	09124
		24/42	100/200	4		08457	08473	08489	08409	08425	08441
		24/42	300	2		08459	08475	08491	08411	08427	08443
		24/42	400	3		08461	08477	08493	08413	08429	08445
		24/42	400/500	11		08463	08479	08495	08415	08431	08447
		24/42	dc	10		06204	06314	06324	06104	06114	06124
	3P	24	50/60	nr.		08205	08315	08325	08105	08115	08125
		42	50/60	12		09205	09315	09325	09105	09115	09125
		24/42	100/200	4		08458	08474	08490	08410	08426	08442
		24/42	300	2		08460	08476	08492	08412	08428	08444
		24/42	400	3		08462	08478	08494	08414	08430	08446
		24/42	400/500	11		08464	08480	08496	08416	08432	08448
		24/42	dc	10		06205	06315	06325	06105	06115	06125

See dimensions on pages 464-465.

DIMENSIONS

IP44 Sockets. Wander

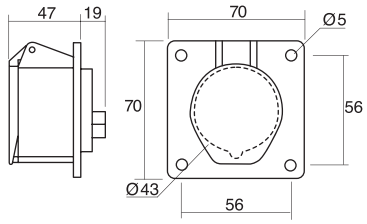




Current	Poles	Dimensions	
		HEIGHT	LENGTH
16A	2P	75	150
	3P	75	150
32A	2P	75	150
	3P	75	150

IP44 Straight sockets. Flush-fit

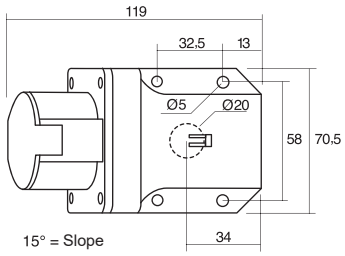




Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P	70	70	66
	3P	70	70	66
32A	2P	70	70	66
	3P	70	70	66

IP44 Sockets. Wall-mounted

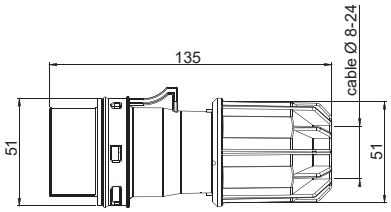




Current	Poles	Dimensions		
		HEIGHT	WIDTH	LENGTH
16A	2P	85	70.5	119
	3P	85	70.5	119
32A	2P	85	70.5	119
	3P	85	70.5	119

IP44 Plugs. Wander

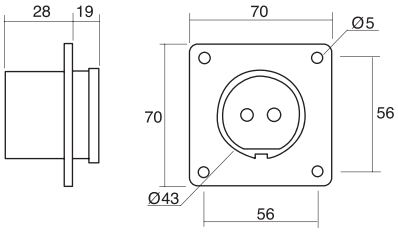




Current	Poles	Dimensions	
		HEIGHT	LENGTH
16A	2P	51	135
	3P	51	135
32A	2P	51	135
	3P	51	135

IP44 Straight plugs. Flush-fit

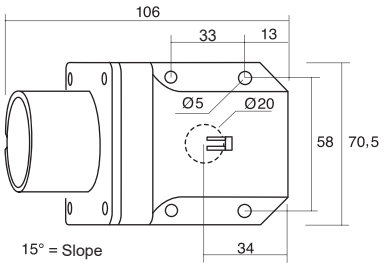




Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P	70	70	47
	3P	70	70	47
32A	2P	70	70	47
	3P	70	70	47

IP44 Plugs. Wall-mounted





Current	Poles	Dimensions		
		HEIGHT	WIDTH	DEPTH
16A	2P	77	70.5	106
	3P	77	70.5	106
32A	2P	77	70.5	106
	3P	77	70.5	106

QUICK SEARCH

Reference No.	Pack	Page
00105	18 Pieces	439
00114	10 Pieces	439
00115	30 Pieces	440
00115/N	30 Pieces	440
00118	1 Piece	439
00121	10 Pieces	441
00122	50 Pieces	441
00123	1 Piece	441
00124	22 Pieces	441
00125	25 Pieces	440
00125/F	20 Pieces	440
00125/N	20 Pieces	440
00130	5 Pieces	440
00135	5 Pieces	439
00140	1 Piece	440
00145	1 Piece	441
00146	1 Piece	441
00147	10 Pieces	441
00164	18 Pieces	439
00211	1 Piece	441
00214	1 Piece	441
00312	1 Piece	441
00313	1 Piece	441
00315	1 Piece	441
00316	1 Piece	441
00402	24 Pieces	438
00414	24 Pieces	438
00451	24 Pieces	438
00452	24 Pieces	438
00456	24 Pieces	438
00457	24 Pieces	438
00464	24 Pieces	438
00651	21 Pieces	438
00652	21 Pieces	438
00664	21 Pieces	438
01101	1 Piece	449
01102	1 Piece	449
01103	1 Piece	449
01104	1 Piece	449
01105	1 Piece	449
01106	1 Piece	449
01111	1 Piece	449
01112	1 Piece	449
01113	1 Piece	449
01114	1 Piece	449
01115	1 Piece	449
01116	1 Piece	449
01121	1 Piece	449
01122	1 Piece	449
01123	1 Piece	449
01124	1 Piece	449
01125	1 Piece	449
01126	1 Piece	449
01201	1 Piece	448
01202	1 Piece	448
01203	1 Piece	448
01204	1 Piece	448
01205	1 Piece	448
01206	1 Piece	448
01301	1 Piece	448
01302	1 Piece	448
01303	1 Piece	448
01304	1 Piece	448
01305	1 Piece	448
01306	1 Piece	448
01311	1 Piece	448
01312	1 Piece	448
01313	1 Piece	448
01314	1 Piece	448
01315	1 Piece	448
01316	1 Piece	448
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01325	1 Piece	448
01326	1 Piece	448
01351	1 Piece	459
01354	1 Piece	459
01361	1 Piece	459
01364	1 Piece	459
01601	1 Piece	451
01602	1 Piece	451
01603	1 Piece	451
01604	1 Piece	451
01605	1 Piece	451
01606	1 Piece	451
01611	1 Piece	451
01614	1 Piece	451
01621	1 Piece	451
01624	1 Piece	451
01651	1 Piece	451
01654	1 Piece	451
01661	1 Piece	451
01664	1 Piece	451
01671	1 Piece	451
01674	1 Piece	451
01701	1 Piece	450
01702	1 Piece	450
01703	1 Piece	450
01704	1 Piece	450
01705	1 Piece	450
01706	1 Piece	450
01751	1 Piece	450
01754	1 Piece	450
01801	1 Piece	450
01802	1 Piece	450
01803	1 Piece	450
01804	1 Piece	450
01805	1 Piece	450
01806	1 Piece	450
01811	1 Piece	459
01814	1 Piece	459
01821	1 Piece	450
01822	1 Piece	450
01823	1 Piece	450
01824	1 Piece	450
01825	1 Piece	450
01826	1 Piece	450
01831	1 Piece	459
01834	1 Piece	459
01841	1 Piece	459
01844	1 Piece	459
01851	1 Piece	450
01854	1 Piece	450
01871	1 Piece	450
01874	1 Piece	450
01881	1 Piece	459
02101	12 Pieces	449
02102	1 Piece	449
02103	1 Piece	449
02104	8 Pieces	449
02105	1 Piece	449
02106	1 Piece	449
02111	10 Pieces	449
02112	1 Piece	449
02113	1 Piece	449
02114	10 Pieces	449
02115	1 Piece	449
02116	1 Piece	449
02121	10 Pieces	449
02122	1 Piece	449
02123	1 Piece	449
02124	10 Pieces	449
02125	1 Piece	449
02126	1 Piece	449
02201	12 Pieces	448
02202	1 Piece	448
02203	1 Piece	448
02204	8 Pieces	448
02205	1 Piece	448
02206	1 Piece	448
02301	10 Pieces	448
02302	1 Piece	448
02303	1 Piece	448
02304	8 Pieces	448
02305	1 Piece	448
02306	1 Piece	448
02311	10 Pieces	448
02312	1 Piece	448
02313	1 Piece	448
02314	10 Pieces	448
02315	1 Piece	448
02316	1 Piece	448
02321	6 Pieces	448
02322	6 Pieces	448
02323	1 Piece	448
02324	6 Pieces	448
02325	1 Piece	448
02326	1 Piece	448
02351	1 Piece	459
02354	1 Piece	459
02361	1 Piece	459
02364	1 Piece	459
02601	6 Pieces	451
02602	1 Piece	451
02603	1 Piece	451

QUICK SEARCH

Reference No.	Pack	Page
02604	5 Pieces	451
02605	5 Pieces	451
02606	1 Piece	451
02611	10 Pieces	451
02612	1 Piece	451
02614	10 Pieces	451
02615	1 Piece	451
02621	1 Piece	451
02622	1 Piece	451
02624	1 Piece	451
02625	1 Piece	451
02651	1 Piece	451
02652	2 Pieces	451
02654	1 Piece	451
02655	1 Piece	451
02661	1 Piece	451
02662	1 Piece	451
02664	1 Piece	451
02665	1 Piece	451
02671	1 Piece	451
02672	1 Piece	451
02674	2 Pieces	451
02675	1 Piece	451
02701	6 Pieces	450
02702	1 Piece	450
02703	1 Piece	450
02704	5 Pieces	450
02705	1 Piece	450
02706	1 Piece	450
02751	1 Piece	450
02751P	1 Piece	450
02752	1 Piece	450
02754	1 Piece	450
02754P	1 Piece	450
02755	1 Piece	450
02801	8 Pieces	450
02802	1 Piece	450
02803	1 Piece	450
02804	6 Pieces	450
02805	1 Piece	450
02806	1 Piece	450
02811	1 Piece	459
02814	1 Piece	459
02821	6 Pieces	450
02822	1 Piece	450
02823	1 Piece	450
02824	6 Pieces	450
02825	1 Piece	450
02826	1 Piece	450
02831	1 Piece	459
02834	1 Piece	459
02841	1 Piece	459
02844	1 Piece	459
02851	1 Piece	450
02851P	1 Piece	450
02852	1 Piece	450
02854	1 Piece	450
02854P	1 Piece	450
02855	1 Piece	450
02871	1 Piece	450
02871P	1 Piece	450
02872	2 Pieces	450
02874	1 Piece	450
02874P	1 Piece	450
02875	1 Piece	450
02881	1 Piece	459
03101	1 Piece	449
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03203	10 Pieces	448
03204	1 Piece	448
03205	8 Pieces	448
03206	8 Pieces	448
03301	1 Piece	448
03302	10 Pieces	448
03303	10 Pieces	448
03304	1 Piece	448
03305	8 Pieces	448
03306	8 Pieces	448
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03315	10 Pieces	448
03316	10 Pieces	448
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03322	6 Pieces	448
03323	6 Pieces	448
03324	1 Piece	448
03325	6 Pieces	448
03326	6 Pieces	448
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03366	1 Piece	459
03601	1 Piece	451
03602	6 Pieces	451
03603	6 Pieces	451
03604	1 Piece	451
03605	5 Pieces	451
03606	5 Pieces	451
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03613	10 Pieces	451
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03616	1 Piece	451
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03663	1 Piece	451
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03703	6 Pieces	450
03704	1 Piece	450
03705	5 Pieces	450
03706	5 Pieces	450
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03804	1 Piece	450
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03806	6 Pieces	450
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03825	6 Pieces	450
03826	6 Pieces	450
03832	1 Piece	459
03833	1 Piece	459
03835	1 Piece	459
03836	1 Piece	459
03839	1 Piece	459

QUICK SEARCH

Reference No.	Pack	Page
03840	1 Piece	459
03842	1 Piece	459
03843	1 Piece	459
03845	1 Piece	459
03846	1 Piece	459
03852	1 Piece	450
03852P	1 Piece	450
03853	2 Pieces	450
03853P	2 Pieces	450
03855	1 Piece	450
03855P	1 Piece	450
03856	1 Piece	450
03856P	1 Piece	450
03872	2 Pieces	450
03872P	2 Pieces	450
03873	1 Piece	450
03873P	1 Piece	450
03875	1 Piece	450
03875P	1 Piece	450
03876	1 Piece	450
03876P	1 Piece	450
03882	1 Piece	459
03883	1 Piece	459
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05325	1 Piece	448
05326	1 Piece	448
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05604	1 Piece	451
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07715	1 Piece	450
07782	1 Piece	450
07785	1 Piece	450
07801	1 Piece	450
07802	1 Piece	450
07803	1 Piece	450
07804	1 Piece	450

QUICK SEARCH

Reference No.	Pack	Page
07805	1 Piece	450
07806	1 Piece	450
07815	1 Piece	450
07821	1 Piece	450
07822	1 Piece	450
07823	1 Piece	450
07824	1 Piece	450
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07885	1 Piece	450
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09311	1 Piece	463
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09314	1 Piece	463
09315	1 Piece	463
09321	1 Piece	463
09322	1 Piece	463
09324	1 Piece	463
09325	1 Piece	463
178M	5 Pieces	268
178M/RR	5 Pieces	269
178P	5 Pieces	268
178P/RR	5 Pieces	269
1712GM	2 Pieces	268
1712GM/RR	2 Pieces	269
1724GM	2 Pieces	268

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Reference No.	Pack	Page
1724GM/RR	2 Pieces	269
22000	1 Piece	296-297
22001	1 Piece	285-296-297
22002	1 Piece	285-296-297
22003	1 Piece	285-296-297
22004	1 Piece	285-296-297-409
22005	1 Piece	296-297-409
22007	1 Piece	285
22008	1 Piece	271
22009	1 Piece	271
22010	1 Piece	285-297
22012	1 Bag	285-297
22015	1 Piece	331
22019	1 Piece	285-296-297-326-327-348-349-358-359
22031	1 Piece	330-331
22032	1 Piece	330-331
22033	1 Piece	330-331
22034	1 Piece	330-331
22038	1 Piece	349-359
22040	1 Piece	349-359
22041	1 Piece	330-331
22042	1 Piece	330-331
22043	1 Piece	330-331
22044	1 Piece	330-331
22045	1 Piece	348-349-358-359
22046	1 Piece	348-349-358-359
22047	1 Piece	348-349-358-359
22048	1 Piece	348-349-358-359
22050	1 Bolsa	307
22055	1 Piece	348-349-358-359
22056	1 Piece	348-349-358-359
22057	1 Piece	348-349-358-359
22058	1 Piece	348-349-358-359
22059	1 Piece	348-349-358-359
22060	1 Pack	307
22068	1 Bag	271-285-297
22069	1 Pack	285-297
22073	1 Bag	331-349-359
22074	1 Bag	349-359
22075	1 Bag	331
22083	1 Piece	330-331
22084	1 Piece	330-331
22085	1 Piece	348-349
22086	1 Piece	348-349
22087	1 Piece	348-349
22088	1 Piece	348-349
22090	1 Bag	307
22091	1 Bag	307
22092	1 Bag	307
22093	1 Piece	330-331
22094	1 Piece	330-331
22095	1 Piece	348-349
22096	1 Piece	348-349

Reference No.	Pack	Page
22097	1 Piece	348-349
22098	1 Piece	348-349
22099	1 Piece	348-349
22100	1 Bag	331-409-415
22103	1 Pack	409
22104	1 Bag	349-359
22109	1 Piece	271-285
22150	1 Pack	331-349-359
22154	1 Pack	349-359
22155	1 Piece	359
22156	1 Piece	359
22157	1 Piece	359
22200	1 Bag	297
22217	1 Pack	307
22219	1 Bag	307
22270	10 Pieces	285
22271	10 Pieces	285
22272	10 Pieces	285
22273	1 Bag	271-285-297
22274	1 Bag	271-285-297
22292	1 Bag	271-285
22293	1 Bag	285
22380	125 Pieces	420
22390	1 Bag	415
22430	1 Bag	271
22450	1 Bag	421
22460	1 Bag	415-421
22470	1 Bag	415-421
22471	1 Bag	415-421
22480	1 Bag	421
22490	1 Bag	415-421
22500	1 Bag	421
22508	Prox.	415
22510	1 Bag	415-421
22515	1 Bag	421
22566	1 Bag	271-285-297
22567	1 Bag	271-285-297
22568	1 Bag	271-285-297
22569	1 Bag	271-285-297
22577	1 Bag	271-285-297
22578	1 Bag	271-285-297
22580	1 Bag	271-285-297
22581	1 Bag	271-285-297
22582	1 Bag	271-285-297
22583	1 Bag	271-285-297
22584	1 Bag	271-285-297
22585	1 Bag	271-285-297
29587	1 Pack	106
22589	1 Bag	285-297
22590	1 Box	247-271-285-297
22591	1 Bag	285-297
22600	1 Box	247-409
22611	1 Bag	285-297-421
22640	1 Bag	271
22650	1 Bag	271-285-297-307
22656	1 Bag	307
22670	1 Bag	271
22690	1 Bag	285-297

Reference No.	Pack	Page
22713	1 Bag	307
22714	1 Bag	307
22760	1 Bag	271-285
22952	1 Bag	307
22953	1 Bag	307
22962	1 Bag	307
22963	1 Bag	307
29221	1 Pack	97
29222	1 Pack	97
29223	1 Pack	96
29224	1 Pack	96
29225	1 Pack	96
29229	1 Piece	97
29230	1 Pack	97
29231	1 Pack	97
29233	1 Pack	97
29235	1 Pack	100
29236	1 Pack	100
29240	1 Pack	103
29241	1 Pack	103
29242	1 Pack	103
29243	1 Pack	103
29244	1 Pack	103
29247	1 Piece	103
29250	1 Pack	102-259
29255	1 Pack	102
29256	1 Pack	97
29257	1 Pack	97
29266	1 Piece	54-97
29503	1 Piece	114
29504	1 Piece	114
29513	1 Piece	114
29514	1 Piece	114
29521	1 Pack	115
29524	1 Pack	115
29530	1 Piece	115
29531	1 Piece	115-260
29532	1 Piece	115-260
29540	1 Pack	114
29541	1 Bag	114
29542	1 Bag	114
29545	1 Piece	115
29546	1 Piece	115
29550	1 Pack	115
29551	1 Pack	115
29552	1 Pack	115
29553	1 Pack	115
29554	1 Pack	115
29555	1 Pack	115
29560	1 Bag	115
29561	1 Bag	115
29562	1 Bag	115
29563	1 Bag	115
29564	1 Bag	115
29565	1 Bag	115
29566	1 Bag	115
29567	1 Bag	115
29568	1 Bag	115
29580	1 Pack	106

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Reference No.	Pack	Page
29583	10 Pieces	106
29584	1 Pack	106
29585	1 Pack	106
40EMP48-72PO	1 Piece	371
40EMP72-96PO	1 Piece	371
40EMP96-120PO	1 Piece	371
40EMP120-168PO	1 Piece	371
40EMP144-192PO	1 Piece	371
40ENL48-72	1 Piece	368
40ENL72-96	1 Piece	368
40ENL96-120	1 Piece	368
40ENL120-168	1 Piece	368
40ENL144-192	1 Piece	368
40ENL192-240PO	1 Piece	388
40ENL192-240PO/300	1 Piece	388
40ENL192-240PT	1 Piece	388
40ENL192-240PT/300	1 Piece	388
40ENL216-288PO	1 Piece	388
40ENL216-288PO/300	1 Piece	388
40ENL216-288PT	1 Piece	388
40ENL216-288PT/300	1 Piece	388
40SUP48-72PO	1 Piece	369
40SUP48-72PT	1 Piece	369
40SUP72-96PO	1 Piece	369
40SUP72-96PT	1 Piece	369
40SUP96-120PO	1 Piece	369
40SUP96-120PT	1 Piece	369
40SUP120-168PO	1 Piece	369
40SUP120-168PT	1 Piece	369
40SUP144-192PO	1 Piece	369
40SUP144-192PT	1 Piece	369
45001	40 Pieces	425
45002	40 Pieces	425
45003	36 Pieces	425
45004	20 Pieces	425
45011	50 Pieces	424
45012	50 Pieces	424
45013	40 Pieces	424
45014	20 Pieces	424
45016	18 Pieces	424
45018	1 Piece	424
45080	269 Pieces	429
45081	129 Pieces	429
45082	540 Pieces	429
45083	290 Pieces	429
45101	10 Pieces	426
45102	1 Piece	426
45104	1 Piece	426
45105	1 Piece	426
45110	1 Piece	426
45111	1 Piece	426
45112	1 Piece	426
45115	1 Piece	426
45125	1 Piece	426
45140	1 Piece	426
45165	1 Piece	426
45175	1 Piece	427

Reference No.	Pack	Page
45180	1 Piece	426
45181	1 Piece	426
45200	1 Piece	427
45201	5 Pieces	427
45202	1 Piece	427
45231	4 Pieces	427
45233	1 Piece	427
45240	1 Piece	427
45250	1 Piece	427
45301	1 Piece	427
45302	1 Piece	427
45303	1 Piece	427
45310	1 Piece	427
45400	1 Piece	426
45401	8 Pieces	426
45402	4 Pieces	426
45425	10 Pieces	427
45930	1 Bag	414
46250	1 Piece	193
46251	1 Piece	192
48007	1 Pack	377
48009	1 Piece	258
48012	1 Bag	379
48013	1 Pack	375
48014	1 Pack	375
48019	1 Piece	247
48021	1 Piece	247
48022	1 Pack	379
48060	1 Pack	179
48061	1 Pack	179
48082	1 Pack	179
48083	1 Pack	179
48084	1 Pack	179
48085	1 Pack	179
48111	1 Pack	153
48112	1 Pack	153
48113	1 Pack	153
48114	1 Pack	153
48115	1 Pack	153-245
48116	1 Pack	153
48152	1 Pack	183
48154	1 Pack	159
48156	1 Pack	159
48158	1 Pack	159
48205	1 Piece	271-285
48228	1 Pack	39-82
48242	1 Pack	394
48242/300	1 Pack	394
48243	1 Pack	378-399
48244	1 Pack	399
48245	1 Pack	399
48250	1 Piece	254
48251	1 Piece	254
48252	1 Piece	254
48253	1 Piece	254
48256	1 Piece	254
48257	1 Piece	254
48258	1 Piece	254
48259	1 Piece	254

Reference No.	Pack	Page
48262	1 Piece	254
48263	1 Piece	254
48264	1 Piece	254
48265	1 Piece	254
48266	1 Piece	397
48267	1 Piece	397
48268	1 Piece	254
48269	1 Piece	254
48270	1 Piece	254
48271	1 Piece	254
48274	1 Bag	254
48275	1 Bag	254
48283	50 Pieces	255
48286	50 meters	256
48287	25 meters	256
48288	25 meters	256
48289	25 meters	256
48290	1 Pack	182-245
48292	1 Piece	247
48294	1 Piece	247
48300	1 Pack	182-245
48307	1 Piece	247
48338	5 Pieces	260
48339	1 Piece	260
48340	1 Pack	379-398
48340/300	1 Pack	398
48343	1 Piece	247
48345/250	1 Pack	375-397
48345/300	1 Pack	397
48370	1 Piece	397
48371	1 Piece	397
48372	1 Piece	397
48380	1 Pack	51
48383	1 Pack	51
48385	1 Pack	50
48386	1 Pack	50
48387	1 Pack	50
48388	1 Pack	50
48390	1 Piece	52
48391	1 Piece	52
48400	1 Piece	52-85
48401	1 Piece	52-85
48404	1 Pack	54
48405	1 Piece	52-85
48406	1 Piece	52-85
48409	1 Pack	53
48410	1 Pack	53
48411	1 Pack	53
48412	1 Piece	53
48413	1 Piece	53
48414	1 Piece	52
48415	1 Pack	54
48416	1 Bag	261
48417	1 Bag	261
48418	1 Bag	261
48419	1 Pack	153
48420/3040	1 Pack	55-97-246

QUICK SEARCH

Reference No.	Pack	Page
48420/5060	1 Pack	55-97-246
48420/7080	1 Pack	55-246
48421	1 Piece	254
48422	1 Pack	55-245
48423	1 Pack	55-69-245
48424	1 Bag	261
48425	1 Bag	261
48427	1 Pack	378
48428	1 Bag	261
48429	1 Bag	261
48431	1 Bag	261
48432	1 Bag	261
48433	1 Bag	261
48434	1 Bag	261
48435	1 Bag	261
48436	1 Bag	261
48437	1 Bag	256
48438	1 Bag	261
48439	1 Bag	261
48440	1 Bag	256
48444	1 Pack	379
48445	1 Piece	381
48446	1 Piece	381
48447	1 Pack	381
48448	1 Pack	381
48449	5 Pieces	54-193-381
48450	1 Piece	52
48451	1 Pack	54
48452	1 Pack	256
48453	1 Piece	249
48454	1 Piece	250
48455	1 Pack	54
48456	1 Pack	53
48457	1 Pack	53
48458	1 Pack	381
48459	1 Pack	381
48460	5 Pieces	54-182-381-401
48462	1 Pack	182-259
48463	1 Pack	180-401
48464	1 Piece	180-401
48465	1 Pack	180-401
48466	1 Pack	180
48466/B	1 Pack	180
48468	1 Bag	261
48470	1 Bag	261
48471	1 Pack	150-153
48472	1 Pack	150-151-153
48473	1 Pack	153
48474	1 Pack	151-153
48475	1 Pack	55-192-246
48476	1 Bag	261
48478	1 Pack	154-246
48479	1 Pack	154
48480	1 Pack	28-154
48481	1 Pack	154-246
48482	1 Pack	181-401
48483	1 Pack	181
48484	1 Pack	181

Reference No.	Pack	Page
48485	1 Pack	181
48493	1 Pack	53
48495	1 Pack	53
48496	1 Pack	53
48497	1 Pack	43
48498	1 Pack	43
48499	1 Pack	43
48500	1 Pack	152
48501	1 Pack	54
48512	1 Bag	261
48515	1 Piece	178
48516	1 Piece	178
48517	1 Piece	178
48518	1 Piece	178
48519	1 Piece	178
48522	1 Pack	181-401
48523	1 Pack	181-401
48526	1 Pack	148
48527	1 Pack	148
48528	1 Pack	148
48531	1 Bag	257
48539	1 Bag	261
48540	1 Pack	54
48541	1 Pack	180-401
48542	1 Piece	381
48545	1 Pack	41
48546	1 Pack	54
48547	1 Pack	54
48550	5 Pieces	54-381
48551	5 Pieces	54
48552	5 Pieces	54
48559	1 Piece	178
48560	1 Pack	181-401
48561	1 Pack	181-401
48562	1 Pack	181
48563	1 Pack	181
48564	1 Pack	181
48565	1 Pack	181
48568	1 Piece	180
48569	1 Piece	180
48574	1 Piece	180
48575	1 Pack	180
48576	1 Pack	180
48577	1 Piece	180
48580	1 Pack	53
48581	1 Pack	180
48582	1 Pack	180
48583	1 Pack	180
48584	1 Pack	180
48585	1 Pack	180-401
48587	1 Pack	53
48588	1 Pack	180-401
48589	1 Pack	53
48590	1 Pack	53
48591	1 Pack	53
48592	1 Pack	53
48593	5 Pieces	54
48594	5 Pieces	54
48595	1 Pack	180

Reference No.	Pack	Page
48607	5 Pieces	258
48609	1 Pack	51
48610	1 Pack	51
48618	1 Pack	51-259
48619	1 Pack	51-259
48620	1 Pack	182-259
48622	1 Pack	166
48623	1 Pack	55-69-245
48624	1 Pack	153
48626	1 Pack	179-401
48627	1 Pack	150-153
48628	1 Pack	179
48629	1 Pack	179
48630	1 Piece	253
48632	10 Pieces	54
48633	1 Pack	179
48634	1 Pack	179
48635	1 Pack	50
48636	1 Pack	154
48637	1 Bag	173-255
48638	1 Bag	173-255
48639	1 Bag	173-255
48642	1 Pack	166
48644	20 Pieces	255
48645	1 Bag	255
48646	20 Pieces	255
48647	20 Pieces	255
48651	1 Bag	255
48652	1 Bag	255
48660	1 Piece	376
48661	1 Piece	376
48662	1 Piece	376
48663	1 Piece	376
48664	1 Piece	376
48669	1 Bag	257
48670	1 Bag	257
48671	1 Bag	257
48672	1 Bag	257
48673	1 Bag	257
48674	1 Bag	257
48675	1 Bag	257
48676	1 Bag	257
48677	1 Bag	257
48678	1 Bag	257
48679	1 Bag	257
48680	1 Piece	251
48681	1 Piece	252
48685	1 Piece	251
48686	1 Piece	250
48688	1 Piece	252
48690	1 Pack	126-132
48700	1 Pack	376
48701	1 Pack	376
48702	1 Pack	376
48703	1 Pack	376
48704	1 Pack	376
48705	1 Pack	397
48705/300	1 Pack	397
48720	1 Piece	248

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Reference No.	Pack	Page
48721	1 Piece	248
48722	1 Piece	248
48723	1 Piece	248
48724	1 Piece	248
48725	1 Piece	248
48726	1 Piece	248
48727	1 Piece	248
48728	1 Piece	248
48729	1 Piece	248
48776	1 Piece	174
48783	1 Bag	256
48784	1 Bag	256
48785	20 Pieces	256
48786	10 Pieces	256
48787	20 Pieces	256
48788	10 Pieces	256
48792	1 Piece	253
48793	1 Piece	253
48794	1 Piece	253
48799	1 Piece	253
48800	1 Piece	249
48801	1 Piece	253
48802	1 Piece	253
48803	1 Piece	253
49330	1 Pack	209
49331	1 Pack	209
49332	1 Pack	209
49335	1 Pack	209
49336	1 Pack	209
49366	1 Pack	159
49367	1 Pack	159
49368	1 Pack	159-247-378-399
49385	1 Piece	246
49386	1 Piece	183-246
49387	1 Piece	183-246
49390	1 Bag	247
49730	1 Pack	55
55AUX240PO/300	1 Piece	392
55AUX240PT/300	1 Piece	392
55AUX288PO/300	1 Piece	392
55AUX288PT/300	1 Piece	392
55SUP192-240PO	1 Piece	390
55SUP192-240PO/300	1 Piece	390
55SUP192-240PT	1 Piece	390
55SUP192-240PT/300	1 Piece	390
55SUP216-288PO	1 Piece	390
55SUP216-288PO/300	1 Piece	390
55SUP216-288PT	1 Piece	390
55SUP216-288PT/300	1 Piece	390
65SUP48-72PO	1 Piece	370
65SUP48-72PT	1 Piece	370
65SUP72-96PO	1 Piece	370
65SUP72-96PT	1 Piece	370
65SUP96-120PO	1 Piece	370
65SUP96-120PT	1 Piece	370
65SUP120-168PO	1 Piece	370
65SUP120-168PT	1 Piece	370
65SUP144-192PO	1 Piece	370
65SUP144-192PT	1 Piece	370
92119	1 Piece	307
92121	1 Piece	307
92122	1 Piece	307
92123	1 Piece	307
92124	1 Piece	307
92125	1 Piece	307
92126	1 Piece	307
92127	1 Piece	307
92128	1 Piece	307
92129	1 Piece	307
92150	1 Pack	285-297
ABS302013	1 Piece	106
ABS352515	1 Piece	106
ABS403017	1 Piece	106
ABS403022	1 Piece	106
ABS503519	1 Piece	106
ABS504018	1 Piece	106
ABS504024	1 Piece	106
ABS604020	1 Piece	106
ABS605022	1 Piece	106
ABS705025	1 Piece	106
ABS806026	1 Piece	106
AS380/230	1 Piece	215
AS720/230	1 Piece	216
AS880/230	1 Piece	217
AS1000/230	1 Piece	218
AS1250/230	1 Piece	219
AS1600/230	1 Piece	220
AS2000/230	1 Piece	221
AS3000/400	1 Piece	222
AS3850/400	1 Piece	223
AS5400/400	1 Piece	224
ASE3040	1 Piece	232
ASE380/230	1 Piece	215
ASE720/230	1 Piece	216
ASE880/230	1 Piece	217
ASE1000/230	1 Piece	218
ASE1250/230	1 Piece	219
ASE1600/230	1 Piece	220
ASE2000/230	1 Piece	221
AT820/230	1 Piece	225
AT1150/230	1 Piece	226
AT1550/230	1 Piece	227
AT2050/230	1 Piece	228
AT2900/400	1 Piece	229
AT3850/400	1 Piece	230
ATX302015	1 Piece	76
ATX302015/INX	1 Piece	80
ATX302015/INX-316	1 Piece	80
ATX302515	1 Piece	76
ATX302515/INX	1 Piece	80
ATX302515/INX-316	1 Piece	80
ATX303015	1 Piece	76
ATX303015/INX	1 Piece	80
ATX303015/INX-316	1 Piece	80
ATX303020	1 Piece	76
ATX403020	1 Piece	76
ATX403020/INX	1 Piece	80
ATX403020/INX-316	1 Piece	80
ATX404020	1 Piece	76
ATX404020/INX	1 Piece	80
ATX404020/INX-316	1 Piece	80
ATX406020	1 Piece	76
ATX406020/INX	1 Piece	80
ATX406020/INX-316	1 Piece	80
ATX504020	1 Piece	76
ATX504020/INX	1 Piece	80
ATX504020/INX-316	1 Piece	80
ATX604020	1 Piece	76
ATX604020/INX	1 Piece	80
ATX604020/INX-316	1 Piece	80
ATX604025	1 Piece	76
ATX605025	1 Piece	76
ATX605025/INX	1 Piece	80
ATX605025/INX-316	1 Piece	80
ATX606025	1 Piece	76
ATX606025/INX	1 Piece	80
ATX606025/INX-316	1 Piece	80
ATX705025	1 Piece	76
ATX705025/INX	1 Piece	80
ATX705025/INX-316	1 Piece	80
ATX806030	1 Piece	76
ATX806030/INX	1 Piece	80
ATX806030/INX-316	1 Piece	80
ATX808030	1 Piece	76
ATX808030/INX	1 Piece	80
ATX808030/INX-316	1 Piece	80
ATX1008030	1 Piece	76
ATX1008030/INX	1 Piece	80
ATX1008030/INX-316	1 Piece	80
BF19/38U	1 Pack	161
BF19/42U	1 Pack	161
BF19/47U	1 Pack	161
BFP19/6U	1 Pack	162
BFP19/9U	1 Pack	162
BFP19/12U	1 Pack	162
BFP19/15U	1 Pack	162
BFP19/18U	1 Pack	162
BIG1656040PO	1 Piece	126
BIG1656040PO/INX	1 Piece	120
BIG1658040PO	1 Piece	126
BIG1658040PO/INX	1 Piece	120
BIG16510040PO	1 Piece	126
BIG16510040PO/INX	1 Piece	120
BIG16510040POD	1 Piece	126
BIG16512040POD	1 Piece	126
BIG1806040PO	1 Piece	126
BIG1806040PO/INX	1 Piece	120
BIG1808040PO	1 Piece	126
BIG1808040PO/INX	1 Piece	120
BIG1808050PO	1 Piece	126
BIG1808050PO/INX	1 Piece	120
BIG18010040PO	1 Piece	126
BIG18010040PO/INX	1 Piece	120
BIG18010040POD	1 Piece	126
BIG18010050PO	1 Piece	126
BIG18010050PO/INX	1 Piece	120

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Reference No.	Pack	Page
BIG18010050POD	1 Piece	126
BIG18012040POD	1 Piece	126
BIG18012040POD/INX	1 Piece	120
BIG18012050POD	1 Piece	126
BIG18012050POD/INX	1 Piece	120
BIG18016040POD/INX	1 Piece	120
BIG18016050POD/INX	1 Piece	120
BIG2006040PO	1 Piece	126
BIG2006040PO/INX	1 Piece	120
BIG2008040PO	1 Piece	126
BIG2008040PO/INX	1 Piece	120
BIG2008050PO	1 Piece	126
BIG2008050PO/INX	1 Piece	120
BIG20010040PO	1 Piece	126
BIG20010040PO/INX	1 Piece	120
BIG20010040POD	1 Piece	126
BIG20010050PO	1 Piece	126
BIG20010050PO/INX	1 Piece	120
BIG20010050POD	1 Piece	126
BIG20012040POD	1 Piece	126
BIG20012040POD/INX	1 Piece	120
BIG20012050POD	1 Piece	126
BIG20012050POD/INX	1 Piece	120
BIG20016040POD	1 Piece	126
BIG20016040POD/INX	1 Piece	120
BIG20016050POD	1 Piece	126
BIG20016050POD/INX	1 Piece	120
BM4PT	12 Pieces	313
BM4PT/RR	12 Pieces	313
BM8PT	10 Pieces	313
BM8PT/RR	10 Pieces	313
BNE19/6060	1 Piece	165
BNE19/6080	1 Piece	165
BNE6060	1 Piece	174
BNE6060/BTM	1 Piece	174
BNE6080	1 Piece	174
BNE6080/BTM	1 Piece	174
BNF19-1/2U	1 Piece	165
BNF19-1U/200	1 Piece	51-165
BNF19-2U/250	1 Piece	51-165
BNF19-2U/400	1 Piece	165
BNF6040	1 Piece	148-174
BNF6060	1 Piece	148-174
BNF6080	1 Piece	148-174
BNF8040	1 Piece	174
BNF8060	1 Piece	174
BNF8080	1 Piece	174
BP19/36U	1 Pack	163
BP19/40U	1 Pack	163
BP19/45U	1 Pack	163
BPP19/6U	1 Pack	164
BPP19/9U	1 Pack	164
BPP19/12U	1 Pack	164
BPP19/15U	1 Pack	164
BPP19/18U	1 Pack	164
BPP1980/6U	1 Pack	164
BPP1980/9U	1 Pack	164
BPP1980/12U	1 Pack	164
BPP1980/15U	1 Pack	164
BPP1980/18U	1 Pack	164
BT2	36 Pieces	312
BT4	24 Pieces	312
BTM16560	1 Piece	156
BTM16580	1 Piece	156
BTM165100	1 Piece	156
BTM165100/P400	1 Piece	156
BTM165120	1 Piece	156
BTM165120/P400	1 Piece	156
BTM18060	1 Piece	156
BTM18080	1 Piece	156
BTM18080/E200	1 Piece	156
BTM180100	1 Piece	156
BTM180100/E200	1 Piece	156
BTM180100/P400	1 Piece	156
BTM180120	1 Piece	156
BTM180120/P400	1 Piece	156
BTM180160	1 Piece	156
BTM20060	1 Piece	156
BTM20080	1 Piece	156
BTM20080/E200	1 Piece	156
BTM200100	1 Piece	156
BTM200100/E200	1 Piece	156
BTM200100/P400	1 Piece	156
BTM200120	1 Piece	156
BTM200120/P400	1 Piece	156
BTM200160	1 Piece	156
BTM22060	1 Piece	156
BTM22080	1 Piece	156
BTM22080/E200	1 Piece	156
BV4PT	12 Pieces	313
BV4PT/RR	12 Pieces	313
BV8PT	10 Pieces	313
BV8PT/RR	10 Pieces	313
CDN4G	15 Pieces	290-312
CDN4G/R	15 Pieces	291-312
CDN4PT	6 Pieces	290
CDN4PT/RR	6 Pieces	291
CDN6PT	6 Pieces	290
CDN6PT/RR	6 Pieces	291
CDN8PT	4 Pieces	290
CDN8PT/RR	4 Pieces	291
CDN12PT	4 Pieces	290
CDN12PT/RR	4 Pieces	291
CDN18PT	4 Pieces	290
CDN18PT/RR	4 Pieces	291
CDN24PT	4 Pieces	292
CDN24PT/PLUS	1 Piece	283-295
CDN24PT/RR	4 Pieces	293
CDN36PT2F	2 Pieces	292
CDN36PT2F/PLUS	1 Piece	283-295
CDN36PT2F/RR	2 Pieces	293
CDN36PT3F	2 Pieces	292
CDN36PT3F/RR	2 Pieces	293
CDN48PT	1 Piece	292
CDN48PT/RR	1 Piece	293
CDN54PT	1 Piece	292
CDN54PT/RR	1 Piece	293
CDN72PT	1 Piece	292
CDN72PT/RR	1 Piece	293
CDP4PT	6 Pieces	290
CDP4PT/RR	6 Pieces	291
CDP6PT	6 Pieces	290
CDP6PT/RR	6 Pieces	291
CDP8PT	4 Pieces	290
CDP8PT/RR	4 Pieces	291
CDP12PT	4 Pieces	290
CDP12PT/RR	4 Pieces	291
CDP18PT	4 Pieces	290
CDP18PT/RR	4 Pieces	291
CDP24PT	4 Pieces	292
CDP24PT/RR	4 Pieces	293
CDP36PT2F	2 Pieces	292
CDP36PT2F/RR	2 Pieces	293
CDP36PT3F	2 Pieces	292
CDP36PT3F/RR	2 Pieces	293
CDP48PT	1 Piece	292
CDP48PT/RR	1 Piece	293
CDP54PT	1 Piece	292
CDP54PT/RR	1 Piece	293
CDP72PT	1 Piece	292
CDP72PT/RR	1 Piece	293
CE304060	1 Piece	167
CE304080	1 Piece	167
CE306050	1 Piece	167
CE306060	1 Piece	167
CE306080	1 Piece	167
CE308050	1 Piece	167
CE308060	1 Piece	167
CE308080	1 Piece	167
CE3010050	1 Piece	167
CE3010060	1 Piece	167
CE3010080	1 Piece	167
CE3012050	1 Piece	167
CE3012060	1 Piece	167
CE3012080	1 Piece	167
CE404060	1 Piece	167
CE404080	1 Piece	167
CE406050	1 Piece	167
CE406060	1 Piece	167
CE406080	1 Piece	167
CE408050	1 Piece	167
CE408060	1 Piece	167
CE408080	1 Piece	167
CE4010050	1 Piece	167
CE4010060	1 Piece	167
CE4010080	1 Piece	167
CE4012050	1 Piece	167
CE4012060	1 Piece	167
CE4012080	1 Piece	167
CH3025/1520	1 Piece	41-83
CH3030/1520	1 Piece	41-83
CH4030/1520	1 Piece	41-83
CH4040/1520	1 Piece	41-83
CH4040/2530	1 Piece	41
CH4060/1520	1 Piece	41-83
CH4060/2530	1 Piece	41
CH5040/1520	1 Piece	41-83

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Reference No.	Pack	Page
CH5040/2530	1 Piece	41
CH6040/1520	1 Piece	41-83
CH6040/2530	1 Piece	41-83
CH6060/1520	1 Piece	41
CH6060/2530	1 Piece	41-83
CH7050/1520	1 Piece	41
CH7050/2530	1 Piece	41-83
CH8060/1520	1 Piece	41
CH8060/2530	1 Piece	41-83
CH8080/1520	1 Piece	41
CH8080/2530	1 Piece	41-83
CH10060/2530	1 Piece	41
CH10080/2530	1 Piece	41-83
CH10080/40	1 Piece	41
CRF93	1 Piece	208
CRF123	1 Piece	208
CRF222	1 Piece	208
CRF290	1 Piece	208
CSN4PT	6 Pieces	276
CSN4PT/R	6 Pieces	277
CSN6PT	6 Pieces	276
CSN6PT/RR	6 Pieces	277
CSN9PT	5 Pieces	276
CSN9PT/RR	5 Pieces	277
CSN12PT	4 Pieces	276
CSN12PT/PLUS	1 Piece	283-295
CSN12PT/RR	4 Pieces	277
CSN18PT	2 Pieces	276
CSN18PT/PLUS	1 Piece	283-295
CSN18PT/RR	2 Pieces	277
CSN24PT	1 Piece	276
CSN24PT/RR	1 Piece	277
CSN36PT	1 Piece	276
CSN36PT/RR	1 Piece	277
CSNPLUS	6 Pieces	276
CSNPLUS/RR	6 Pieces	277
CT1010	120 Pieces	421
CT1017	70 Pieces	421
CT1515/PH	Prox.	415
CT1522	38 Pieces	421
CT1522/PH	38 Pieces	415
CT1843	10 Pieces	421
CT1843/PH	10 Pieces	415
CT2222	18 Pieces	421
CT2222/PH	16 Pieces	415
CT2232	9 Pieces	421
CT2232/PH	9 Pieces	415
CT2727	12 Pieces	421
CT3252	7 Pieces	421
CT3252/PH	6 Pieces	415
CT4040	2 Pieces	421
D70/1K	180 Pieces	414
D70/2K	90 Pieces	414
D70/3K	60 Pieces	414
D70/4K	45 Pieces	414
D88	640 Pieces	420
DFF36PO	5 Pieces	406
DFF36PO/PH	5 Pieces	408
DFF36PO/PH/RR	5 Pieces	409
DFF36PO/RR	5 Pieces	407
DFF42PO	3 Pieces	406
DFF42PO/PH	3 Pieces	408
DFF42PO/PH/RR	3 Pieces	409
DFF42PO/RR	3 Pieces	407
DFF54PO	3 Pieces	406
DFF54PO/PH	3 Pieces	408
DFF54PO/PH/RR	3 Pieces	409
DFF54PO/RR	3 Pieces	407
DFF72PO	1 Piece	406
DFF72PO/PH	1 Piece	408
DFF72PO/PH/RR	1 Piece	409
DFF72PO/RR	1 Piece	407
DFF84PO	1 Piece	406
DFF84PO/PH	1 Piece	408
DFF84PO/PH/RR	1 Piece	409
DFF84PO/RR	1 Piece	407
DFF108PO	1 Piece	406
DFF108PO/PH	1 Piece	408
DFF108PO/PH/RR	1 Piece	409
DFF108PO/RR	1 Piece	407
E48M200	1 Pack	371
E48P200	1 Pack	371
E72M150	1 Pack	371
E72M200	1 Pack	371
E72P150	1 Pack	371
E72P200	1 Pack	371
E96M150	1 Pack	371
E96M200	1 Pack	371
E96P150	1 Pack	371
E96P200	1 Pack	371
E120M150	1 Pack	371
E120M200	1 Pack	371
E120P150	1 Pack	371
E120P200	1 Pack	371
E144M200	1 Pack	371
E144P200	1 Pack	371
E168M150	1 Pack	371
E168P150	1 Pack	371
E192M150	1 Pack	371
E192P150	1 Pack	371
EBF19/38U	1 Pack	161
EBF19/42U	1 Pack	161
EBF19/47U	1 Pack	161
ECB4/200	1 Bag	256
ECB6/200	1 Bag	256
ECB6/300	1 Bag	256
EE1810PO	1 Piece	395
EE1810PO/300	1 Piece	395
EE1810PT	1 Piece	395
EE1810PT/300	1 Piece	395
EE2110PO	1 Piece	395
EE2110PO/300	1 Piece	395
EE2110PT	1 Piece	395
EE2110PT/300	1 Piece	395
EE6751	1 Piece	377
EE6771	1 Piece	377
EE6791	1 Piece	377
EE67111	1 Piece	377
EE67113	1 Piece	377
EL111	88 Pieces	302
EL161	48 Pieces	302
EL171	26 Pieces	302
EL231	18 Pieces	302
EL322	6 Pieces	302
ELA1515135	1 Piece	60
ELA1515135/INX	1 Piece	64
ELA1515135/INX-316	1 Piece	64
ELA151590	1 Piece	60
ELA151590/INX	1 Piece	64
ELA151590/INX-316	1 Piece	64
ELA2015135	1 Piece	60
ELA2015135/INX	1 Piece	64
ELA2015135/INX-316	1 Piece	64
ELA201590	1 Piece	60
ELA201590/INX	1 Piece	64
ELA201590/INX-316	1 Piece	64
ELA2020135	1 Piece	60
ELA2020135/INX	1 Piece	64
ELA2020135/INX-316	1 Piece	64
ELA202090	1 Piece	60
ELA202090/INX	1 Piece	64
ELA202090/INX-316	1 Piece	64
ELA3015135	1 Piece	60
ELA3015135/INX	1 Piece	64
ELA3015135/INX-316	1 Piece	64
ELA301590	1 Piece	60
ELA301590/INX	1 Piece	64
ELA301590/INX-316	1 Piece	64
ELA3020135	1 Piece	60
ELA3020135/INX	1 Piece	64
ELA3020135/INX-316	1 Piece	64
ELA302090	1 Piece	60
ELA302090/INX	1 Piece	64
ELA302090/INX-316	1 Piece	64
ELA3030135	1 Piece	60
ELA3030135/INX	1 Piece	64
ELA3030135/INX-316	1 Piece	64
ELA4020135	1 Piece	60
ELA4020135/INX	1 Piece	64
ELA4020135/INX-316	1 Piece	64
ELA402090	1 Piece	60
ELA402090/INX	1 Piece	64
ELA402090/INX-316	1 Piece	64
ELA4030135	1 Piece	60
ELA4030135/INX	1 Piece	64
ELA4030135/INX-316	1 Piece	64
ELA4040135	1 Piece	60
ELA4040135/INX	1 Piece	64
ELA4040135/INX-316	1 Piece	64
ELA5020135	1 Piece	60
ELA5020135/INX	1 Piece	64
ELA5020135/INX-316	1 Piece	64
ELA5030135	1 Piece	60
ELA5030135/INX	1 Piece	64
ELA5030135/INX-316	1 Piece	64
ELA6020135	1 Piece	60

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Reference No.	Pack	Page
ELA6040135	1 Piece	60
ELA8020135	1 Piece	60
ELAB1515135/INX	1 Piece	66
ELAB1515135/INX-316	1 Piece	66
ELAB2015135/INX	1 Piece	66
ELAB2015135/INX-316	1 Piece	66
ELAB2020135/INX	1 Piece	66
ELAB2020135/INX-316	1 Piece	66
ELAB3015135/INX	1 Piece	66
ELAB3015135/INX-316	1 Piece	66
ELAB3020135/INX	1 Piece	66
ELAB3020135/INX-316	1 Piece	66
ELAB3030135/INX	1 Piece	66
ELAB3030135/INX-316	1 Piece	66
ELAB4020135/INX	1 Piece	66
ELAB4020135/INX-316	1 Piece	66
ELAB4030135/INX	1 Piece	66
ELAB4030135/INX-316	1 Piece	66
ELAB4040135/INX	1 Piece	66
ELAB4040135/INX-316	1 Piece	66
ELATX1515135/INX-316	1 Piece	88
ELATX2015135/INX-316	1 Piece	88
ELATX2020135/INX-316	1 Piece	88
ELATX3015135/INX-316	1 Piece	88
ELATX3020135/INX-316	1 Piece	88
ELATX3030135/INX-316	1 Piece	88
ELATX4020135/INX-316	1 Piece	88
ELATX4030135/INX-316	1 Piece	88
ELATX4040135/INX-316	1 Piece	88
ELT171	10 Pieces	303
ELT231	6 Pieces	303
ELT322	6 Pieces	303
ENL1656050PO/SP	1 Piece	138
ENL1656050PT/SP	1 Piece	138
ENL1656060PO/SP	1 Piece	138
ENL1656060PT/SP	1 Piece	138
ENL1658050PO/SP	1 Piece	138
ENL1658050PT/SP	1 Piece	138
ENL1658060PO/SP	1 Piece	138
ENL1658060PT/SP	1 Piece	138
ENL16510050PO/DC	1 Piece	140
ENL16510050PO/SP	1 Piece	138
ENL16510050PT/DC	1 Piece	140
ENL16510060PO/DC	1 Piece	140
ENL16510060PO/SP	1 Piece	138
ENL16510060PT/DC	1 Piece	140
ENL16512050PO/DC	1 Piece	140
ENL16512050PT/DC	1 Piece	140
ENL16512060PO/DC	1 Piece	140
ENL16512060PT/DC	1 Piece	140
ENL1806040PO/SP	1 Piece	138
ENL1806040PT/SP	1 Piece	138
ENL1806050PO/SP	1 Piece	138
ENL1806050PT/SP	1 Piece	138
ENL1806060PO/SP	1 Piece	138
ENL1806060PT/SP	1 Piece	138
ENL1808040PO/SP	1 Piece	138
ENL1808040PT/SP	1 Piece	138
ENL1808050PO/SP	1 Piece	138

Reference No.	Pack	Page
ENL1808050PT/SP	1 Piece	138
ENL1808060PO/SP	1 Piece	138
ENL1808060PT/SP	1 Piece	138
ENL18010040PO/DC	1 Piece	140
ENL18010040PO/SP	1 Piece	138
ENL18010040PT/DC	1 Piece	140
ENL18010050PO/DC	1 Piece	140
ENL18010050PO/SP	1 Piece	138
ENL18010050PT/DC	1 Piece	140
ENL18010060PO/DC	1 Piece	140
ENL18010060PO/SP	1 Piece	138
ENL18010060PT/DC	1 Piece	140
ENL18012040PO/DC	1 Piece	140
ENL18012040PT/DC	1 Piece	140
ENL18012050PO/DC	1 Piece	140
ENL18012050PT/DC	1 Piece	140
ENL18012060PO/DC	1 Piece	140
ENL18012060PT/DC	1 Piece	140
ENL18016040PO/DC	1 Piece	140
ENL18016050PO/DC	1 Piece	140
ENL20060100PO/SP	1 Piece	138
ENL20060100PT/SP	1 Piece	138
ENL2006040PO/SP	1 Piece	138
ENL2006040PT/SP	1 Piece	138
ENL2006050PO/SP	1 Piece	138
ENL2006050PT/SP	1 Piece	138
ENL2006060PO/SP	1 Piece	138
ENL2006060PT/SP	1 Piece	138
ENL2006080PO/SP	1 Piece	138
ENL2006080PT/SP	1 Piece	138
ENL20080100PO/SP	1 Piece	138
ENL20080100PT/SP	1 Piece	138
ENL2008040PO/SP	1 Piece	138
ENL2008040PT/SP	1 Piece	138
ENL2008050PO/SP	1 Piece	138
ENL2008050PT/SP	1 Piece	138
ENL2008060PO/SP	1 Piece	138
ENL2008060PT/SP	1 Piece	138
ENL2008080PO/SP	1 Piece	138
ENL2008080PT/SP	1 Piece	138
ENL20010040PO/DC	1 Piece	140
ENL20010040PO/SP	1 Piece	138
ENL20010040PT/DC	1 Piece	140
ENL20010050PO/DC	1 Piece	140
ENL20010050PO/SP	1 Piece	138
ENL20010050PT/DC	1 Piece	140
ENL20010060PO/DC	1 Piece	140
ENL20010060PO/SP	1 Piece	138
ENL20010060PT/DC	1 Piece	140
ENL20010080PO/DC	1 Piece	140
ENL20010080PO/SP	1 Piece	138
ENL20010080PT/DC	1 Piece	140
ENL20012040PO/DC	1 Piece	140
ENL20012040PT/DC	1 Piece	140
ENL20012050PO/DC	1 Piece	140
ENL20012050PT/DC	1 Piece	140
ENL20012060PO/DC	1 Piece	140
ENL20012060PT/DC	1 Piece	140
ENL20012080PO/DC	1 Piece	140

Reference No.	Pack	Page
ENL20012080PT/DC	1 Piece	140
ENL20016040PO/DC	1 Piece	140
ENL20016050PO/DC	1 Piece	140
ENL20016060PO/DC	1 Piece	140
ENL20016080PO/DC	1 Piece	140
ENL22060100PO/SP	1 Piece	138
ENL22060100PT/SP	1 Piece	138
ENL2206060PO/SP	1 Piece	138
ENL22080100PO/SP	1 Piece	138
ENL22080100PT/SP	1 Piece	138
ENL2208060PO/SP	1 Piece	138
ENL2208060PT/SP	1 Piece	138
ENL2208080PO/SP	1 Piece	138
ENL2208080PT/SP	1 Piece	138
ENLBP1808060PT/SP	1 Piece	160
ENLBP1808080PT/SP	1 Piece	160
ENLBP18010060PT/SP	1 Piece	160
ENLBP18010080PT/SP	1 Piece	160
ENLBP2008060PT/SP	1 Piece	160
ENLBP2008080PT/SP	1 Piece	160
ENLBP20010060PT/SP	1 Piece	160
ENLBP20010080PT/SP	1 Piece	160
ENLBP2208060PT/SP	1 Piece	160
ENLBP2208080PT/SP	1 Piece	160
ENLPC1656060	1 Piece	148
ENLPC1656060/PMO	1 Piece	148
ENLPC1656080	1 Piece	148
EP048	134 Pieces	302
EP088	184 Pieces	302
ESQ1804040	1 Piece	168
ESQ1804050	1 Piece	168
ESQ1804060	1 Piece	168
ESQ1805050	1 Piece	168
ESQ1805060	1 Piece	168
ESQ1806060	1 Piece	168
ESQ1806080	1 Piece	168
ESQ2004040	1 Piece	168
ESQ2004050	1 Piece	168
ESQ2004060	1 Piece	168
ESQ2004080	1 Piece	168
ESQ2005050	1 Piece	168
ESQ2005060	1 Piece	168
ESQ2005080	1 Piece	168
ESQ2006050	1 Piece	168
ESQ2006060	1 Piece	168
ESQ2006080	1 Piece	168
ESQ2008080	1 Piece	168
EV111	85 Pieces	302
EV161	45 Pieces	302
EV171	26 Pieces	302
EV231	16 Pieces	302
EV322	6 Pieces	302
EVT171	10 Pieces	303
EVT231	6 Pieces	303
EVT322	6 Pieces	303
EX088	208 Pieces	302
EX111	88 Pieces	302
EX161	48 Pieces	302

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Reference No.	Pack	Page
EX171	26 Pieces	302
EX231	18 Pieces	302
EX322	6 Pieces	302
EXA3015135	1 Piece	60
EXA3020135	1 Piece	60
EXA3030135	1 Piece	60
EXA4020135	1 Piece	60
EXA4030135	1 Piece	60
EXA4040135	1 Piece	60
EXA5020135	1 Piece	60
EXA5030135	1 Piece	60
EXA6020135	1 Piece	60
EXA6030135	1 Piece	60
EXA6040135	1 Piece	60
EXA8020135	1 Piece	60
EXA8040135	1 Piece	60
EXT171	10 Pieces	303
EXT231	6 Pieces	303
EXT322	6 Pieces	303
F93	1 Piece	209
F123	1 Piece	209
F222	1 Piece	209
F290	1 Piece	209
FP38	1 Piece	231-232
FP100	1 Piece	231-232
FP125160200	1 Piece	231-232
FP7288	1 Piece	231-232
FP300385	1 Piece	231
FP540	1 Piece	231
FPT82	1 Piece	231
FPT115	1 Piece	231
FPT290	1 Piece	231
FSC1656040PO/SP	1 Piece	132
FSC1656040PT/SP	1 Piece	132
FSC1658040PO/SP	1 Piece	132
FSC1658040PT/SP	1 Piece	132
FSC1658050PO/SP	1 Piece	132
FSC1658050PT/SP	1 Piece	132
FSC16510040PO/DC	1 Piece	132
FSC16510040PO/SP	1 Piece	132
FSC16510040PT/DC	1 Piece	132
FSC16510050PO/DC	1 Piece	132
FSC16510050PO/SP	1 Piece	132
FSC16510050PT/DC	1 Piece	132
FSC16512040PO/DC	1 Piece	132
FSC16512040PT/DC	1 Piece	132
FSC1806040PO/SP	1 Piece	132
FSC1806040PT/SP	1 Piece	132
FSC1808040PO/SP	1 Piece	132
FSC1808040PT/SP	1 Piece	132
FSC1808050PO/SP	1 Piece	132
FSC1808050PT/SP	1 Piece	132
FSC18010040PO/DC	1 Piece	132
FSC18010040PO/SP	1 Piece	132
FSC18010040PT/DC	1 Piece	132
FSC18010050PO/DC	1 Piece	132
FSC18010050PO/SP	1 Piece	132
FSC18010050PT/DC	1 Piece	132
FSC18012040PO/DC	1 Piece	132
FSC18012040PT/DC	1 Piece	132
FSC18012050PO/DC	1 Piece	132
FSC18012050PT/DC	1 Piece	132
FSC18016040PO/DC	1 Piece	132
FSC18016050PO/DC	1 Piece	132
FSC2006040PO/SP	1 Piece	132
FSC2006040PT/SP	1 Piece	132
FSC2008040PO/SP	1 Piece	132
FSC2008040PT/SP	1 Piece	132
FSC2008050PO/SP	1 Piece	132
FSC2008050PT/SP	1 Piece	132
FSC20010040PO/DC	1 Piece	132
FSC20010040PO/SP	1 Piece	132
FSC20010040PT/DC	1 Piece	132
FSC20010050PO/DC	1 Piece	132
FSC20010050PO/SP	1 Piece	132
FSC20010050PT/DC	1 Piece	132
FSC20012040PO/DC	1 Piece	132
FSC20012040PT/DC	1 Piece	132
FSC20012050PO/DC	1 Piece	132
FSC20012050PT/DC	1 Piece	132
FSC20016040PO/DC	1 Piece	132
FSC20016050PO/DC	1 Piece	132
GD400	1 Pack	152
GD600	1 Pack	152
GD800	1 Pack	152
GD1000	1 Pack	152
GD1200	1 Pack	152
GME14PO	4 Pieces	344
GME14PO/PH	4 Pieces	346
GME14PO/PH/RA	4 Pieces	347
GME14PO/PH/RR	4 Pieces	347
GME14PO/RA	4 Pieces	345
GME14PO/RR	4 Pieces	345
GME28PO	2 Pieces	344
GME28PO/PH	2 Pieces	346
GME28PO/PH/RA	2 Pieces	347
GME28PO/PH/RR	2 Pieces	347
GME28PO/RA	2 Pieces	345
GME28PO/RR	2 Pieces	345
GME42PO	2 Pieces	344
GME42PO/PH	2 Pieces	346
GME42PO/PH/RA	2 Pieces	347
GME42PO/PH/RR	2 Pieces	347
GME42PO/RA	2 Pieces	345
GME42PO/RR	2 Pieces	345
GME56PO	2 Pieces	344
GME56PO/PH	2 Pieces	346
GME56PO/PH/RA	2 Pieces	347
GME56PO/PH/RR	2 Pieces	347
GME56PO/RA	2 Pieces	345
GME56PO/RR	2 Pieces	345
GME70PO	1 Piece	344
GME70PO/PH	1 Piece	346
GME70PO/PH/RA	1 Piece	347
GME70PO/PH/RR	1 Piece	347
GME70PO/RA	1 Piece	345
GME70PO/RR	1 Piece	345
GMEM42PO	2 Pieces	352
GMEM42PO/PH	2 Pieces	353
GMEM42PO42/PH/RR	2 Pieces	357
GMEM42PO42/RR	2 Pieces	356
GMEM56PO	2 Pieces	352
GMEM56PO/PH	2 Pieces	353
GMEM56PO56/PH/RR	2 Pieces	357
GMEM56PO56/RR	2 Pieces	356
GMEM70PO	1 Piece	352
GMEM70PO/PH	1 Piece	353
GMEM70PO28/PH/RR	2 Pieces	355
GMEM70PO28/RR	2 Pieces	354
GMEM70PO70/PH/RR	2 Pieces	357
GMEM70PO70/RR	2 Pieces	356
GMS14PO	1 Piece	338
GMS14PO/RR	1 Piece	339
GMS28PO	1 Piece	338
GMS28PO/RR	1 Piece	339
GMS42PO	1 Piece	338
GMS42PO/RR	1 Piece	339
GMS56PO	1 Piece	338
GMS56PO/RR	1 Piece	339
GMS70PO	1 Piece	338
GMS70PO/RR	1 Piece	339
GMST14PO	1 Piece	338
GMST14PO/RR	1 Piece	339
GMST28PO	1 Piece	338
GMST28PO/RR	1 Piece	339
GMST42PO	1 Piece	338
GMST42PO/RR	1 Piece	339
GMST56PO	1 Piece	338
GMST56PO/RR	1 Piece	339
GMST70PO	1 Piece	338
GMST70PO/RR	1 Piece	339
GN252015	1 Piece	22
GN252015/SP	1 Piece	22
GN252515	1 Piece	22
GN252515/SP	1 Piece	22
GN302015	1 Piece	22
GN302015/SP	1 Piece	22
GN302515	1 Piece	22
GN302515/SP	1 Piece	22
GN302520	1 Piece	22
GN302520/SP	1 Piece	22
GN303015	1 Piece	22
GN303015/SP	1 Piece	22
GN303020	1 Piece	22
GN303020/SP	1 Piece	22
GN304015	1 Piece	22
GN304015/SP	1 Piece	22
GN304020	1 Piece	22
GN304020/SP	1 Piece	22
GN403015	1 Piece	22
GN403015/SP	1 Piece	22
GN403020	1 Piece	22
GN403020/SP	1 Piece	22
GN404015	1 Piece	22
GN404015/SP	1 Piece	22
GN404020	1 Piece	22
GN404020/SP	1 Piece	22

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Reference No.	Pack	Page
GN404025	1 Piece	22
GN404025/SP	1 Piece	22
GN406020	1 Piece	22
GN406020/SP	1 Piece	22
GN406025	1 Piece	22
GN406025/SP	1 Piece	22
GN406030	1 Piece	22
GN406030/SP	1 Piece	22
GN503015	1 Piece	22
GN503015/SP	1 Piece	22
GN503020	1 Piece	22
GN503020/SP	1 Piece	22
GN503025	1 Piece	22
GN503025/SP	1 Piece	22
GN504015	1 Piece	22
GN504015/SP	1 Piece	22
GN504020	1 Piece	22
GN504020/SP	1 Piece	22
GN504025	1 Piece	22
GN504025/SP	1 Piece	22
GN504030	1 Piece	22
GN504030/SP	1 Piece	22
GN505015	1 Piece	22
GN505015/SP	1 Piece	22
GN505020	1 Piece	22
GN505020/SP	1 Piece	22
GN505025	1 Piece	22
GN505025/SP	1 Piece	22
GN505030	1 Piece	22
GN505030/SP	1 Piece	22
GN507020	1 Piece	22
GN507020/SP	1 Piece	22
GN508025	1 Piece	22
GN508025/SP	1 Piece	22
GN508030	1 Piece	22
GN508030/SP	1 Piece	22
GN5010025/PD	1 Piece	22
GN5010025PD/SP	1 Piece	22
GN5010030/PD	1 Piece	22
GN5010030PD/SP	1 Piece	22
GN604015	1 Piece	22
GN604015/SP	1 Piece	22
GN604020	1 Piece	22
GN604020/SP	1 Piece	22
GN604025	1 Piece	23
GN604025/SP	1 Piece	23
GN604030	1 Piece	23
GN604030/SP	1 Piece	23
GN605015	1 Piece	23
GN605015/SP	1 Piece	23
GN605020	1 Piece	23
GN605020/SP	1 Piece	23
GN605025	1 Piece	23
GN605025/SP	1 Piece	23
GN605030	1 Piece	23
GN605030/SP	1 Piece	23
GN606020	1 Piece	23
GN606020/SP	1 Piece	23
GN606025	1 Piece	23
GN606025/SP	1 Piece	23
GN606030	1 Piece	23
GN606030/SP	1 Piece	23
GN606040	1 Piece	23
GN606040/SP	1 Piece	23
GN608025	1 Piece	23
GN608025/SP	1 Piece	23
GN608030	1 Piece	23
GN608030/SP	1 Piece	23
GN6012025/PD	1 Piece	23
GN6012025PD/SP	1 Piece	23
GN6012030/PD	1 Piece	23
GN6012030PD/SP	1 Piece	23
GN705015	1 Piece	23
GN705015/SP	1 Piece	23
GN705020	1 Piece	23
GN705020/SP	1 Piece	23
GN705025	1 Piece	23
GN705025/SP	1 Piece	23
GN705030	1 Piece	23
GN705030/SP	1 Piece	23
GN804020	1 Piece	23
GN804020/SP	1 Piece	23
GN804025	1 Piece	23
GN804025/SP	1 Piece	23
GN804030	1 Piece	23
GN804030/SP	1 Piece	23
GN806020	1 Piece	23
GN806020/SP	1 Piece	23
GN806025	1 Piece	23
GN806025/SP	1 Piece	23
GN806030	1 Piece	23
GN806030/SP	1 Piece	23
GN806040	1 Piece	23
GN806040/SP	1 Piece	23
GN808020	1 Piece	23
GN808020/SP	1 Piece	23
GN808025	1 Piece	23
GN808025/SP	1 Piece	23
GN808030	1 Piece	23
GN808030/SP	1 Piece	23
GN808040	1 Piece	23
GN808040/SP	1 Piece	23
GN8010020/PD	1 Piece	23
GN8010020PD/SP	1 Piece	23
GN8010030	1 Piece	23
GN8010030/PD	1 Piece	23
GN8010030/SP	1 Piece	23
GN8010030PD/SP	1 Piece	23
GN8010040/PD	1 Piece	23
GN8010040PD/SP	1 Piece	23
GN8012030/PD	1 Piece	23
GN8012030PD/SP	1 Piece	23
GN8012040/PD	1 Piece	23
GN8012040PD/SP	1 Piece	23
GN1006025	1 Piece	23
GN1006025/SP	1 Piece	23
GN1006030	1 Piece	23
GN1006030/SP	1 Piece	23
GN1006040	1 Piece	23
GN1006040/SP	1 Piece	23
GN1008025	1 Piece	23
GN1008025/SP	1 Piece	23
GN1008030	1 Piece	23
GN1008030/SP	1 Piece	23
GN1008040	1 Piece	23
GN1008040/SP	1 Piece	23
GN10010030	1 Piece	23
GN10010030/PD	1 Piece	23
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GN10010030PD/SP	1 Piece	23
GN10010040/PD	1 Piece	23
GN10010040PD/SP	1 Piece	23
GN10012030/PD	1 Piece	23
GN10012030PD/SP	1 Piece	23
GN10012040/PD	1 Piece	23
GN10012040PD/SP	1 Piece	23
GN1206025	1 Piece	23
GN1206025/SP	1 Piece	23
GN1206030	1 Piece	23
GN1206030/SP	1 Piece	23
GN1206040	1 Piece	23
GN1206040/SP	1 Piece	23
GN1208030	1 Piece	23
GN1208030/SP	1 Piece	23
GN1208040	1 Piece	23
GN1208040/SP	1 Piece	23
GN12010030	1 Piece	23
GN12010030/PD	1 Piece	24
GN12010030/SP	1 Piece	23
GN12010030PD/SP	1 Piece	24
GN12010040/PD	1 Piece	24
GN12010040PD/SP	1 Piece	24
GN12012025	1 Piece	24
GN12012025/PD	1 Piece	24
GN12012025/SP	1 Piece	24
GN12012025PD/SP	1 Piece	24
GN12012030/PD	1 Piece	24
GN12012030PD/SP	1 Piece	24
GN12012040/PD	1 Piece	24
GN12012040PD/SP	1 Piece	24
GN1406030	1 Piece	24
GN1406030/SP	1 Piece	24
GN1406040	1 Piece	24
GN1406040/SP	1 Piece	24
GN1408030	1 Piece	24
GN1408030/SP	1 Piece	24
GN1408040	1 Piece	24
GN1408040/SP	1 Piece	24
GN14010030/PD	1 Piece	24
GN14010030PD/SP	1 Piece	24
GN14010040	1 Piece	24
GN14010040/PD	1 Piece	24
GN14010040/SP	1 Piece	24
GN14010040PD/SP	1 Piece	24
GN14012040/PD	1 Piece	24
GN14012040PD/SP	1 Piece	24
GNG252015	1 Piece	26

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GNG302015	1 Piece	26
GNG302515	1 Piece	26
GNG303015	1 Piece	26
GNG303020	1 Piece	26
GNG403015	1 Piece	26
GNG403020	1 Piece	26
GNG404020	1 Piece	26
GNG406020	1 Piece	26
GNG504015	1 Piece	26
GNG504020	1 Piece	26
GNG504025	1 Piece	26
GNG604020	1 Piece	26
GNG604025	1 Piece	26
GNG605020	1 Piece	26
GNG606025	1 Piece	26
GNG705020	1 Piece	26
GNG705025	1 Piece	26
GNG806020	1 Piece	26
GNG806025	1 Piece	26
GNG806030	1 Piece	26
GNG808030	1 Piece	26
GNG1008030	1 Piece	26
GNG10010030/PD	1 Piece	26
GNG12010030/PD	1 Piece	26
GNL606040	1 Piece	28
GNL605040	1 Piece	28
GNL608040	1 Piece	28
GNL6010040	1 Piece	28
GNL6012040	1 Piece	28
GNT252015	1 Piece	22
GNT252515	1 Piece	22
GNT302015	1 Piece	22
GNT302515	1 Piece	22
GNT302520	1 Piece	22
GNT303015	1 Piece	22
GNT303020	1 Piece	22
GNT304015	1 Piece	22
GNT304020	1 Piece	22
GNT403015	1 Piece	22
GNT403020	1 Piece	22
GNT404015	1 Piece	22
GNT404020	1 Piece	22
GNT404025	1 Piece	22
GNT406020	1 Piece	22
GNT406025	1 Piece	22
GNT406030	1 Piece	22
GNT503015	1 Piece	22
GNT503020	1 Piece	22
GNT503025	1 Piece	22
GNT504015	1 Piece	22
GNT504020	1 Piece	22
GNT504025	1 Piece	22
GNT504030	1 Piece	22
GNT505015	1 Piece	22
GNT505020	1 Piece	22
GNT505025	1 Piece	22
GNT505030	1 Piece	22
GNT507020	1 Piece	22
GNT508025	1 Piece	22
GNT508030	1 Piece	22
GNT604015	1 Piece	22
GNT604020	1 Piece	22
GNT604025	1 Piece	23
GNT604030	1 Piece	23
GNT605015	1 Piece	23
GNT605020	1 Piece	23
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GNT608025	1 Piece	23
GNT608030	1 Piece	23
GNT705015	1 Piece	23
GNT705020	1 Piece	23
GNT705025	1 Piece	23
GNT705030	1 Piece	23
GNT804020	1 Piece	23
GNT804025	1 Piece	23
GNT804030	1 Piece	23
GNT806020	1 Piece	23
GNT806025	1 Piece	23
GNT806030	1 Piece	23
GNT806040	1 Piece	23
GNT808020	1 Piece	23
GNT808025	1 Piece	23
GNT808030	1 Piece	23
GNT808040	1 Piece	23
GNT8010030	1 Piece	23
GNT1006025	1 Piece	23
GNT1006030	1 Piece	23
GNT1006040	1 Piece	23
GNT1008025	1 Piece	23
GNT1008030	1 Piece	23
GNT1008040	1 Piece	23
GNT10010030	1 Piece	23
GNT1206025	1 Piece	23
GNT1206030	1 Piece	23
GNT1206040	1 Piece	23
GNT1208030	1 Piece	23
GNT1208040	1 Piece	23
GNT12010030	1 Piece	23
GNT12012025	1 Piece	24
GNT14010040	1 Piece	24
GPE12PO	8 Pieces	326
GPE12PO/PH	8 Pieces	328
GPE12PO/PH/RA	8 Pieces	329
GPE12PO/PH/RR	8 Pieces	329
GPE12PO/RA	8 Pieces	327
GPE12PO/RR	8 Pieces	327
GPE12PT	8 Pieces	326
GPE12PT/PH	8 Pieces	328
GPE12PT/PH/RA	8 Pieces	329
GPE12PT/PH/RR	8 Pieces	329
GPE12PT/RA	8 Pieces	327
GPE12PT/RR	8 Pieces	327
GPE18PO	6 Pieces	326
GPE18PO/PH	6 Pieces	328
GPE18PO/PH/RA	6 Pieces	329
GPE18PO/PH/RR	6 Pieces	329
GPE18PO/RA	6 Pieces	327
GPE18PO/RR	6 Pieces	327
GPE18PT	6 Pieces	326
GPE18PT/PH	6 Pieces	328
GPE18PT/PH/RA	6 Pieces	329
GPE18PT/PH/RR	6 Pieces	329
GPE18PT/RA	6 Pieces	327
GPE18PT/RR	6 Pieces	327
GPE24PO	8 Pieces	326
GPE24PO/PH	8 Pieces	328
GPE24PO/PH/RA	8 Pieces	329
GPE24PO/PH/RR	8 Pieces	329
GPE24PO/RA	8 Pieces	327
GPE24PO/RR	8 Pieces	327
GPE24PT	8 Pieces	326
GPE24PT/PH	8 Pieces	328
GPE24PT/PH/RA	8 Pieces	329
GPE24PT/PH/RR	8 Pieces	329
GPE24PT/RA	8 Pieces	327
GPE24PT/RR	8 Pieces	327
GPE36PO3F	4 Pieces	326
GPE36PO3F/PH	4 Pieces	328
GPE36PO3F/PH/RA	4 Pieces	329
GPE36PO3F/PH/RR	4 Pieces	329
GPE36PO3F/RA	4 Pieces	327
GPE36PO3F/RR	4 Pieces	327
GPE36PT3F	4 Pieces	326
GPE36PT3F/PH	4 Pieces	328
GPE36PT3F/PH/RA	4 Pieces	329
GPE36PT3F/PH/RR	4 Pieces	329
GPE36PT3F/RA	4 Pieces	327
GPE36PT3F/RR	4 Pieces	327
GPE54PO	2 Pieces	326
GPE54PO/PH	2 Pieces	328
GPE54PO/PH/RA	2 Pieces	329
GPE54PO/PH/RR	2 Pieces	329
GPE54PO/RA	2 Pieces	327
GPE54PO/RR	2 Pieces	327
GPE54PT	2 Pieces	326
GPE54PT/PH	2 Pieces	328
GPE54PT/PH/RA	2 Pieces	329
GPE54PT/PH/RR	2 Pieces	329
GPE54PT/RA	2 Pieces	327
GPE54PT/RR	2 Pieces	327
GPS12PO	10 Pieces	320
GPS12PO/RA	10 Pieces	321
GPS12PO/RR	10 Pieces	321
GPS12PT	10 Pieces	320
GPS12PT/RA	10 Pieces	321
GPS12PT/RR	10 Pieces	321
GPS18PO	6 Pieces	320
GPS18PO/RA	6 Pieces	321
GPS18PO/RR	6 Pieces	321
GPS18PT	6 Pieces	320
GPS18PT/RA	6 Pieces	321
GPS18PT/RR	6 Pieces	321

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GPS24PO/RA	6 Pieces	321
GPS24PO/RR	6 Pieces	321
GPS24PT	6 Pieces	320
GPS24PT/RA	6 Pieces	321
GPS24PT/RR	6 Pieces	321
GPS36PO2F	2 Pieces	320
GPS36PO2F/RA	2 Pieces	321
GPS36PO2F/RR	2 Pieces	321
GPS36PO3F	4 Pieces	320
GPS36PO3F/RA	4 Pieces	321
GPS36PO3F/RR	4 Pieces	321
GPS36PT2F	2 Pieces	320
GPS36PT2F/RA	2 Pieces	321
GPS36PT2F/RR	2 Pieces	321
GPS36PT3F	4 Pieces	320
GPS36PT3F/RA	4 Pieces	321
GPS36PT3F/RR	4 Pieces	321
GPS54PO	2 Pieces	320
GPS54PO/RA	2 Pieces	321
GPS54PO/RR	2 Pieces	321
GPS54PT	2 Pieces	320
GPS54PT/RA	2 Pieces	321
GPS54PT/RR	2 Pieces	321
GSL171	12 Pieces	304
GSL231	3 Pieces	304
GSL322	2 Pieces	304
GSLT171	6 Pieces	305
GSLT231	3 Pieces	305
GSLT322	2 Pieces	305
GSV171	12 Pieces	304
GSV231	3 Pieces	304
GSV322	2 Pieces	304
GSVT171	6 Pieces	305
GSVT231	3 Pieces	305
GSVT322	2 Pieces	305
GSX171	12 Pieces	304
GSX231	3 Pieces	304
GSX322	2 Pieces	304
GSXT171	6 Pieces	305
GSXT231	3 Pieces	305
GSXT322	2 Pieces	305
HG02	1 Piece	214
HT250	1 Piece	214
IGV1000/230	1 Piece	237
IGV1750/230	1 Piece	238
IGV2500/230	1 Piece	239
IGV4500/230	1 Piece	241
IGV6000/230	1 Piece	242
IGV10000/230	1 Piece	243
IGVT2500/230	1 Piece	240
INX252015	1 Piece	32
INX252015-316	1 Piece	34
INX302015	1 Piece	32
INX302015-316	1 Piece	34
INX302515	1 Piece	32
INX302515-316	1 Piece	34
INX303015	1 Piece	32
INX303015-316	1 Piece	34
INX303020	1 Piece	32
INX303020-316	1 Piece	34
INX304015	1 Piece	32
INX304015-316	1 Piece	34
INX403020	1 Piece	32
INX403020-316	1 Piece	34
INX404020	1 Piece	32
INX404020-316	1 Piece	34
INX406020	1 Piece	32
INX406020-316	1 Piece	34
INX504015	1 Piece	32
INX504015-316	1 Piece	34
INX504020	1 Piece	32
INX504020-316	1 Piece	34
INX504025	1 Piece	32
INX504025-316	1 Piece	34
INX604020	1 Piece	32
INX604020-316	1 Piece	34
INX604025	1 Piece	32
INX604025-316	1 Piece	34
INX605020	1 Piece	32
INX605020-316	1 Piece	34
INX605025	1 Piece	32
INX605025-316	1 Piece	34
INX606025	1 Piece	32
INX606025-316	1 Piece	34
INX705020	1 Piece	32
INX705020-316	1 Piece	34
INX705025	1 Piece	32
INX705025-316	1 Piece	34
INX806020	1 Piece	32
INX806020-316	1 Piece	34
INX806025	1 Piece	32
INX806025-316	1 Piece	34
INX806030	1 Piece	32
INX806030-316	1 Piece	34
INX808030	1 Piece	32
INX808030-316	1 Piece	34
INX1008030	1 Piece	32
INX1008030-316	1 Piece	34
INX10010030/PD	1 Piece	32
INX10010030/PD-316	1 Piece	34
INX12010030/PD	1 Piece	32
INX12010030/PD-316	1 Piece	34
INXCH3025/1520	1 Piece	41-83
INXCH4030/1520	1 Piece	41-83
INXCH5040/1520	1 Piece	41-83
INXCH6040/1520	1 Piece	41-83
INXCH6060/2530	1 Piece	41-83
INXCH7050/2530	1 Piece	41-83
INXCH8060/2530	1 Piece	41-83
INXCH8080/2530	1 Piece	41-83
INXCH10080/2530	1 Piece	41-83
INXCRF123	1 Piece	208
INXCRF123-316	1 Piece	208
INXCRF222	1 Piece	208
INXCRF222-316	1 Piece	208
INXCRF290	1 Piece	208
INXCRF290-316	1 Piece	208
INXCRF93	1 Piece	208
INXCRF93-316	1 Piece	208
INXPIN3040	1 Piece	48
INXPIN3025	1 Piece	48-84
INXPIN3030	1 Piece	48-84
INXPIN4030	1 Piece	48-84
INXPIN4040	1 Piece	48-84
INXPIN4060	1 Piece	48
INXPIN5040	1 Piece	48-84
INXPIN6040	1 Piece	48-84
INXPIN6050	1 Piece	48-84
INXPIN6060	1 Piece	48-84
INXPIN7050	1 Piece	48-84
INXPIN8060	1 Piece	48-84
INXPIN8080	1 Piece	48-84
INXPIN10080	1 Piece	48-84
INXPIN100100	1 Piece	48
INXPIN120100	1 Piece	48
INXPO2520	1 Piece	48
INXPO3020	1 Piece	48
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INXPO4040	1 Piece	48
INXPO4060	1 Piece	48
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INXPO6040	1 Piece	48
INXPO6050	1 Piece	48
INXPO6060	1 Piece	48
INXPO7050	1 Piece	48
INXPO8060	1 Piece	48
INXPO8080	1 Piece	48
INXPO10080	1 Piece	48
INXPO100100/PD	1 Piece	48
INXPO120100/PD	1 Piece	48
INXT403020	1 Piece	32
INXT403020-316	1 Piece	34
INXT404020	1 Piece	32
INXT404020-316	1 Piece	34
INXT406020	1 Piece	32
INXT406020-316	1 Piece	34
INXT504020	1 Piece	32
INXT504020-316	1 Piece	34
INXT504025	1 Piece	32
INXT504025-316	1 Piece	34
INXT604020	1 Piece	32
INXT604020-316	1 Piece	34
INXT605025	1 Piece	32
INXT605025-316	1 Piece	34
INXT606025	1 Piece	32
INXT606025-316	1 Piece	34
INXT705025	1 Piece	32
INXT705025-316	1 Piece	34
INXT806030	1 Piece	32
INXT806030-316	1 Piece	34
INXT808030	1 Piece	32
INXT808030-316	1 Piece	34
INXT1008030	1 Piece	32

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INXTEJ2515	1 Piece	46
INXTEJ3015	1 Piece	46
INXTEJ3020	1 Piece	46
INXTEJ4015	1 Piece	46
INXTEJ4020	1 Piece	46
INXTEJ5020	1 Piece	46
INXTEJ5025	1 Piece	46
INXTEJ6020	1 Piece	46
INXTEJ6025	1 Piece	46
INXTEJ6030	1 Piece	46
INXTEJ8030	1 Piece	46
INXTEJ10030	1 Piece	46
INXTEJB6040	1 Piece	174
INXTEJB8040	1 Piece	174
INXTEJB8050	1 Piece	174
INXTEJB10040	1 Piece	174
INXTEJB10050	1 Piece	174
INXTEJB12040	1 Piece	174
INXTEJB12050	1 Piece	174
INXTEJB16040	1 Piece	174
INXTEJB16050	1 Piece	174
INXZCLA104020	1 Piece	42
INXZCLA104025	1 Piece	42
INXZCLA105020	1 Piece	42
INXZCLA105025	1 Piece	42
INXZCLA106020	1 Piece	42
INXZCLA106025	1 Piece	42
INXZCLA106030	1 Piece	42
INXZCLA108030	1 Piece	42
INXZCLA1010030	1 Piece	42
INXZCLB106040	1 Piece	168
INXZCLB108040	1 Piece	168
INXZCLB108050	1 Piece	168
INXZCLB1010040	1 Piece	168
INXZCLB1010050	1 Piece	168
INXZCLB1012040	1 Piece	168
INXZCLB1012050	1 Piece	168
INXZCLB1016040	1 Piece	168
INXZCLB1016050	1 Piece	168
IR22/230	1 Piece	233
IR36/230	1 Piece	234
IR50/230	1 Piece	235
IR80/230	1 Piece	236
KRPL60	1 Pack	151
KRPL80	1 Pack	151
KRPL100	1 Pack	151
KRPL120	1 Pack	151
KRS2006040	1 Pack	155
KRS2006060	1 Pack	155
KRS2008060	1 Pack	155
KRS2008080	1 Pack	155
KRSPL20060	1 Pack	155
KRSPL20080	1 Pack	155
KRSZCL106040	1 Piece	155
KRSZCL106060	1 Piece	155
KRSZCL108060	1 Piece	155
KRSZCL108080	1 Piece	155

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LED1080ST	1 Piece	258
LED690ACM	1 Piece	258
LED690ACT	1 Piece	258
ME401810	1 Piece	396
ME401810/300	1 Piece	396
ME402110	1 Piece	396
ME402110/300	1 Piece	396
MEB16560	1 Piece	156
MEB16580	1 Piece	156
MEB18060	1 Piece	156
MEB18080	1 Piece	156
MEB20060	1 Piece	156
MEB20080	1 Piece	156
MEB22060	1 Piece	156
MEB22080	1 Piece	156
MEC4048	1 Piece	376
MEC4072	1 Piece	376
MEC4096	1 Piece	376
MEC40120	1 Piece	376
MEC40144	1 Piece	376
MEL4048	1 Piece	376
MEL4072	1 Piece	376
MEL4096	1 Piece	376
MEL40120	1 Piece	376
MEL40144	1 Piece	376
MEX1803040	1 Piece	166
MEX1803050	1 Piece	166
MEX1803060	1 Piece	166
MEX1803080	1 Piece	166
MEX1804040	1 Piece	166
MEX1804050	1 Piece	166
MEX1804060	1 Piece	166
MEX1804080	1 Piece	166
MEX2003040	1 Piece	166
MEX2003050	1 Piece	166
MEX2003060	1 Piece	166
MEX2003080	1 Piece	166
MEX2004040	1 Piece	166
MEX2004050	1 Piece	166
MEX2004060	1 Piece	166
MEX2004080	1 Piece	166
MEX20040100	1 Piece	166
MEX2203060	1 Piece	166
MEX2203080	1 Piece	166
MEX2204060	1 Piece	166
MEX2204080	1 Piece	166
PAT16560	1 Pack	143
PAT16580	1 Pack	143
PAT165100	1 Pack	143
PAT165120	1 Pack	143
PAT18030	1 Pack	143
PAT18040	1 Pack	143
PAT18060	1 Pack	143
PAT18080	1 Pack	143
PAT180100	1 Pack	143
PAT180120	1 Pack	143
PAT180160	1 Pack	143
PAT20030	1 Pack	143
PAT20040	1 Pack	143

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PAT20060	1 Pack	143
PAT20080	1 Pack	143
PAT200100	1 Pack	143
PAT200120	1 Pack	143
PAT200160	1 Pack	143
PAT22030	1 Pack	143
PAT22040	1 Pack	143
PAT22060	1 Pack	143
PAT22080	1 Pack	143
PB150	1 Pack	50-85-260
PB200	1 Pack	50-85-260
PB250	1 Pack	50-85-260
PB300	1 Pack	50-85-260
PB400	1 Pack	50-85-260
PBI28	1 Piece	409
PBI32	1 Piece	409
PBI44	1 Piece	409
PBL3025	1 Piece	96
PBL32	1 Piece	114
PBL33	1 Piece	114
PBL34	1 Piece	114
PBL4030	1 Piece	96
PBL4040	1 Piece	96
PBL42	1 Piece	114
PBL44	1 Piece	114
PBL5040	1 Piece	96
PBL6040	1 Piece	96
PBL6050	1 Piece	96
PBL63	1 Piece	114
PBL64	1 Piece	114
PBL66	1 Piece	114
PBL8060	1 Piece	96
PBL84	1 Piece	114
PBL86	1 Piece	114
PBR200	1 Pack	40
PBR250	1 Pack	40
PBR300	1 Pack	40
PBR400	1 Pack	40
PMU3025	1 Piece	96
PMU4030	1 Piece	96
PMU5040	1 Piece	96
PMU6040	1 Piece	96
PMU8060	1 Piece	96
PC600	1 Piece	188
PC800	1 Piece	188
PC1000	1 Piece	188
PC1000/PD	1 Piece	188
PC1200	1 Piece	188
PCH4030	1 Piece	97
PCH4040	1 Piece	97
PCH5040	1 Piece	97
PCH6040	1 Piece	97
PCH6050	1 Piece	97
PCH8060	1 Piece	97
PCH8060/5	1 Piece	97
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PCSN9PT	5 Pieces	280
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PCSN12PT	4 Pieces	280
PCSN12PT/PLUS	1 Piece	283-295
PCSN12PT/RR	4 Pieces	281
PCSN18PT	2 Pieces	280
PCSN18PT/PLUS	1 Piece	283-295
PCSN18PT/RR	2 Pieces	281
PCSN24PT	1 Piece	280
PCSN24PT/RR	1 Piece	281
PCSN36PT	1 Piece	280
PCSN36PT/RR	1 Piece	281
PCSNPLUS	6 Pieces	280
PCSNPLUS/RR	6 Pieces	281
PDE5030	1 Piece	101
PDE5042	1 Piece	101
PDE7530	1 Piece	101
PDE7542	1 Piece	101
PDE10030	1 Piece	101
PDE10042	1 Piece	101
PDE12530	1 Piece	101
PDE12542	1 Piece	101
PDS5030	1 Piece	101
PDS5042	1 Piece	101
PDS7530	1 Piece	101
PDS7542	1 Piece	101
PDS10030	1 Piece	101
PDS10042	1 Piece	101
PDS12530	1 Piece	101
PDS12542	1 Piece	101
PHB600	1 Pack	172
PHB800	1 Pack	172
PHB1000	1 Pack	172
PIN3025	1 Piece	47-84
PIN3030	1 Piece	47-84
PIN3040	1 Piece	47
PIN4030	1 Piece	47-84
PIN4040	1 Piece	47-84
PIN4060	1 Piece	47-84
PIN5030	1 Piece	47
PIN5040	1 Piece	47-84
PIN5050	1 Piece	47
PIN5070	1 Piece	47
PIN6040	1 Piece	47-84
PIN6050	1 Piece	47-84
PIN6060	1 Piece	47-84
PIN6080	1 Piece	47
PIN7050	1 Piece	47-84
PIN8040	1 Piece	47
PIN8060	1 Piece	47-84
PIN8080	1 Piece	47-84
PIN80100	1 Piece	47
PIN80120	1 Piece	47
PIN10060	1 Piece	47
PIN10080	1 Piece	47-84
PIN100100	1 Piece	47
PIN100120	1 Piece	47
PIN12060	1 Piece	47
PIN12080	1 Piece	47
PIN120100	1 Piece	47
PIN120120	1 Piece	47

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PIN14060	1 Piece	47
PIN14080	1 Piece	47
PIN140100	1 Piece	47
PIN16560	1 Piece	177
PIN16580	1 Piece	177
PIN165100	1 Piece	177
PIN165120	1 Piece	177
PIN18040	1 Piece	177
PIN18060	1 Piece	177
PIN18080	1 Piece	177
PIN180100	1 Piece	177
PIN180120	1 Piece	177
PIN20040	1 Piece	177
PIN20060	1 Piece	177
PIN20080	1 Piece	177
PIN200100	1 Piece	177
PIN200120	1 Piece	177
PIN22060	1 Piece	177
PIN22080	1 Piece	177
PL2520	1 Piece	36
PL2525	1 Piece	36
PL3020	1 Piece	36-82
PL3025	1 Piece	36-82
PL3030	1 Piece	36-82
PL3040	1 Piece	36
PL4030	1 Piece	36-82
PL4040	1 Piece	36-82
PL4060	1 Piece	36-82
PL5030	1 Piece	36
PL5040	1 Piece	36-82
PL5050	1 Piece	36
PL5070	1 Piece	36
PL5080	1 Piece	36
PL50100	1 Piece	36
PL6040	1 Piece	36-82
PL6050	1 Piece	36-82
PL6060	1 Piece	36-82
PL6080	1 Piece	36
PL60120	1 Piece	36
PL7050	1 Piece	36-82
PL8040	1 Piece	36
PL8060	1 Piece	36-82
PL8080	1 Piece	36-82
PL80100	1 Piece	36
PL80120	1 Piece	36
PL10060	1 Piece	36
PL10080	1 Piece	36-82
PL100100	1 Piece	36
PL100120	1 Piece	36
PL12060	1 Piece	36
PL12080	1 Piece	36
PL120100	1 Piece	36
PL120120	1 Piece	36
PL14060	1 Piece	36
PL14080	1 Piece	36
PL140100	1 Piece	36
PL140120	1 Piece	36
PL16560	1 Piece	150
PL16580	1 Piece	150

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PL165100	1 Piece	150
PL165120	1 Piece	150
PL18040	1 Piece	150
PL18060	1 Piece	150
PL18080	1 Piece	150
PL180100	1 Piece	150
PL180120	1 Piece	150
PL180160	1 Piece	150
PL20040	1 Piece	150
PL20060	1 Piece	150
PL20080	1 Piece	150
PL200100	1 Piece	150
PL200120	1 Piece	150
PL200160	1 Piece	150
PL22040	1 Piece	150
PL22060	1 Piece	150
PL22080	1 Piece	150
PLA6040	1 Pack	28
PLA16550	1 pack	138-140-143
PLA16560	1 pack	138-140-143
PLA18040	1 pack	138-140-143
PLA18050	1 pack	138-140-143
PLA18060	1 pack	138-140-143
PLA20040	1 pack	138-140-143
PLA20050	1 pack	138-140-143
PLA20060	1 pack	138-140-143
PLA20080	1 pack	138-140-143
PLA200100	1 pack	138-140-143
PLA22060	1 pack	138-140-143
PLA22080	1 pack	138-140-143
PLA220100	1 pack	138-140-143
PLB2520	1 Piece	37
PLB2525	1 Piece	37
PLB3020	1 Piece	37-82
PLB3025	1 Piece	37-82
PLB3030	1 Piece	37-82
PLB3040	1 Piece	37
PLB4030	1 Piece	37-82
PLB4040	1 Piece	37-82
PLB4060	1 Piece	37-82
PLB5030	1 Piece	37
PLB5040	1 Piece	37-82
PLB5050	1 Piece	37
PLB5070	1 Piece	37
PLB6040	1 Piece	37-82
PLB6050	1 Piece	37-82
PLB6060	1 Piece	37-82
PLB6080	1 Piece	37
PLB7050	1 Piece	37-82
PLB8040	1 Piece	37
PLB8060	1 Piece	37-82
PLB8080	1 Piece	37-82
PLB80100	1 Piece	37
PLB80120	1 Piece	37
PLB10060	1 Piece	37
PLB10080	1 Piece	37-82
PLB100100	1 Piece	37
PLB100120	1 Piece	37
PLB12060	1 Piece	37

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PLB12080	1 Piece	37
PLB120100	1 Piece	37
PLB120120	1 Piece	37
PLB140100	1 Piece	37
PLBA600	1 Piece	190
PLBA800	1 Piece	190
PLBA1000	1 Piece	190
PLBA1200	1 Piece	190
PLBA1600	1 Piece	190
PLBE600	1 Piece	190
PLBE800	1 Piece	190
PLBE1000	1 Piece	190
PLBE1200	1 Piece	190
PLBE1600	1 Piece	190
PLBI600	1 Piece	190
PLBI800	1 Piece	190
PLBI1000	1 Piece	190
PLBI1200	1 Piece	190
PLBI1600	1 Piece	190
PLC450	1 Piece	379
PLC600	1 Piece	379
PLC1650	1 Piece	151
PLC1800	1 Piece	151
PLC2000	1 Piece	151
PLC2200	1 Piece	151
PLCE3050	1 Pack	167
PLCE3060	1 Pack	167
PLCE3080	1 Pack	167
PLCE4050	1 Pack	167
PLCE4060	1 Pack	167
PLCE4080	1 Pack	167
PLM200	1 Piece	379-398
PLM300	1 Piece	379-398
PLM400	1 Piece	398
PLM850	1 Piece	379
PLM1050	1 Piece	379
PLM1250	1 Piece	379
PLM1600	1 Piece	398
PLM1900	1 Piece	398
PLM6040	1 Piece	39
PLM6060	1 Piece	39
PLM7050	1 Piece	39
PLM8060	1 Piece	39
PLM8080	1 Piece	39
PLP2040	1 Piece	150
PLP2060	1 Piece	150
PLP2080	1 Piece	150
PLP20100	1 Piece	150
PLP20120	1 Piece	150
PLP3040	1 Piece	150
PLP3060	1 Piece	150
PLP3080	1 Piece	150
PLP30100	1 Piece	150
PLP30120	1 Piece	150
PLP30160	1 Piece	150
PLP4040	1 Piece	150
PLP4060	1 Piece	150
PLP4080	1 Piece	150
PLP40100	1 Piece	150

Reference No.	Pack	Page
PLP40120	1 Piece	150
PLP6040	1 Piece	150
PLP6060	1 Piece	150
PLP6080	1 Piece	150
PLP60100	1 Piece	150
PLP60120	1 Piece	150
PLPH2060	1 Piece	151
PLPH2080	1 Piece	151
PLPH3060	1 Piece	151
PLPH3080	1 Piece	151
PLS18040	1 Piece	151
PLS18050	1 Piece	151
PLS18060	1 Piece	151
PLS18080	1 Piece	151
PLS20040	1 Piece	151
PLS20050	1 Piece	151
PLS20060	1 Piece	151
PLS20080	1 Piece	151
PLS22080	1 Piece	151
PLT1515	1 Piece	68-88
PLT2015	1 Piece	68-88
PLT2020	1 Piece	68-88
PLT3015	1 Piece	68-88
PLT3020	1 Piece	68-88
PLT3030	1 Piece	68-88
PLT4020	1 Piece	68
PLT4030	1 Piece	68
PLT4040	1 Piece	68
PLT5020	1 Piece	68
PLT5030	1 Piece	68
PLT6020	1 Piece	68
PLT6030	1 Piece	68
PLT6040	1 Piece	68
PLT8020	1 Piece	68
PLT8040	1 Piece	68
PLTA4020	1 Piece	88
PLTA4030	1 Piece	88
PLTA4040	1 Piece	88
PLU2520	1 Piece	38
PLU2525	1 Piece	38
PLU3020	1 Piece	38
PLU3025	1 Piece	38
PLU3030	1 Piece	38
PLU3040	1 Piece	38
PLU4030	1 Piece	38
PLU4040	1 Piece	38
PLU4060	1 Piece	38
PLU5030	1 Piece	38
PLU5040	1 Piece	38
PLU5050	1 Piece	38
PLU5070	1 Piece	38
PLU6040	1 Piece	38
PLU6050	1 Piece	38
PLU6060	1 Piece	38
PLU6080	1 Piece	38
PLU7050	1 Piece	38
PLU80100	1 Piece	38
PLU80120	1 Piece	38
PLU8040	1 Piece	38

Reference No.	Pack	Page
PLU8060	1 Piece	38
PLU8080	1 Piece	38
PLU10060	1 Piece	38
PLU10080	1 Piece	38
PLU100100	1 Piece	38
PLU100120	1 Piece	38
PLU12060	1 Piece	38
PLU12080	1 Piece	38
PLU120100	1 Piece	38
PLU120120	1 Piece	38
PMB400	1 Pack	170
PMB500	1 Pack	170
PMB600	1 Pack	170
PMB800	1 Pack	170
PMB1000	1 Pack	170
PMCB200	1 Piece	375-397
PMCB250	1 Piece	375-397
PMCB300	1 Piece	375-397
PMCB350	1 Piece	375-397
PME400	1 Pack	170
PME500	1 Pack	170
PME600	1 Pack	170
PME800	1 Pack	170
PME1000	1 Pack	170
PME1200	1 Pack	170
PME1650	1 Pack	170
PME1800	1 Pack	170
PME2000	1 Pack	170
PMER400	1 Pack	170
PMER500	1 Pack	170
PMER600	1 Pack	170
PMER800	1 Pack	170
PMER1000	1 Pack	170
PMER1200	1 Pack	170
PMER1600	1 Pack	170
PMES400	1 Pack	171
PMES500	1 Pack	171
PMES600	1 Pack	171
PMES800	1 Pack	171
PMES1000	1 Pack	171
PMH400	1 Pack	193
PMH500	1 Pack	193
PMHR400	1 Pack	172
PMHR500	1 Pack	172
PMHR600	1 Pack	172
PMHR800	1 Pack	172
PMHR1000	1 Pack	172
PMHR1200	1 Pack	172
PMI400	1 Pack	171
PMI500	1 Pack	171
PMI600	1 Pack	171
PMI800	1 Pack	171
PMI1000	1 Pack	171
PMI1200	1 Pack	171
PMI1650	1 Pack	171
PMI1800	1 Pack	171
PMI2000	1 Pack	171
PMIR400	1 Pack	171
PMIR500	1 Pack	171

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Reference No.	Pack	Page
PMIR600	1 Pack	171
PMIR800	1 Pack	171
PMIR1000	1 Pack	171
PMIR1200	1 Pack	171
PMIR1600	1 Pack	171
PML3025	1 Piece	96
PML32	1 Piece	114
PML33	1 Piece	114
PML34	1 Piece	114
PML4030	1 Piece	96
PML4040	1 Piece	96
PML42	1 Piece	114
PML44	1 Piece	114
PML5040	1 Piece	96
PML5050	1 Piece	100
PML6040	1 Piece	96
PML6050	1 Piece	96
PML63	1 Piece	114
PML64	1 Piece	114
PML66	1 Piece	114
PML7550	1 Piece	100
PML8060	1 Piece	96
PML84	1 Piece	114
PML86	1 Piece	114
PML10050	1 Piece	100
PML10075	1 Piece	100
PML10080	1 Piece	96
PML100100	1 Piece	100
PML12550	1 Piece	100
PML12575	1 Piece	100
PML125100	1 Piece	100
PML125125	1 Piece	100
PMP300	1 Piece	50-85
PMP400	1 Piece	50-85
PMP500	1 Piece	50-85
PMP600	1 Piece	50-85
PMP800	1 Piece	50-85
PMP1000	1 Piece	50-85
PMP1200	1 Piece	50-85
PMPD500	1 Piece	50
PMPD600	1 Piece	50
PMPD800	1 Piece	50
PMR19/10U	1 Pack	148
PMR19/15U	1 Pack	193
PMRA19/12U	1 Pack	40
PMRA19/17U	1 Pack	40
PMRA19/21U	1 Pack	40
PMRA19/26U	1 Pack	40
PMT600	1 Pack	193
PMT800	1 Pack	193
PMT1000	1 Pack	193
PMT1200	1 Pack	193
PMT1600	1 Pack	193
PMV700	1 Pack	193
PO12GP	1 Piece	331
PO14GM	1 Piece	349
PO18GP	1 Piece	331
PO24GP	1 Piece	331
PO2520	1 Piece	49
PO2525	1 Piece	49
PO28GM	1 Piece	349
PO3020	1 Piece	49
PO3025	1 Piece	49
PO3030	1 Piece	49
PO3040	1 Piece	49
PO36GP2F	1 Piece	331
PO36GP3F	1 Piece	331
PO4030	1 Piece	49
PO4040	1 Piece	49
PO4060	1 Piece	49
PO40EMP48-72	1 Piece	380
PO40EMP72-96	1 Piece	380
PO40EMP96-120	1 Piece	380
PO40EMP120-168	1 Piece	380
PO40EMP144-192	1 Piece	380
PO40ENL192	1 Piece	400
PO40ENL216	1 Piece	400
PO40SUP48-72	1 Piece	368-380
PO40SUP72-96	1 Piece	368-380
PO40SUP96-120	1 Piece	368-380
PO40SUP120-168	1 Piece	368-380
PO40SUP144-192	1 Piece	368-380
PO42GM	1 Piece	349
PO5030	1 Piece	49
PO5040	1 Piece	49
PO5050	1 Piece	49
PO5070	1 Piece	49
PO5080	1 Piece	49
PO50100/PD	1 Piece	49
PO54GP	1 Piece	331
PO55SUP192	1 Piece	400
PO55SUP216	1 Piece	400
PO56GM	1 Piece	349
PO6040	1 Piece	49
PO6050	1 Piece	49
PO6060	1 Piece	49
PO6080	1 Piece	49
PO60100/PD	1 Piece	49
PO60120/PD	1 Piece	49
PO65SUP48-72	1 Piece	380
PO65SUP72-96	1 Piece	380
PO65SUP96-120	1 Piece	380
PO65SUP120-168	1 Piece	380
PO65SUP144-192	1 Piece	380
PO7050	1 Piece	49
PO70GM	1 Piece	349
PO8040	1 Piece	49
PO8060	1 Piece	49
PO8080	1 Piece	49
PO80100	1 Piece	49
PO80100/PD	1 Piece	49
PO80120/PD	1 Piece	49
PO10060	1 Piece	49
PO10080	1 Piece	49
PO100100	1 Piece	49
PO100100/PD	1 Piece	49
PO100120/PD	1 Piece	49
PO12060	1 Piece	49
PO12080	1 Piece	49
PO120100	1 Piece	49
PO120100/PD	1 Piece	49
PO120120	1 Piece	49
PO120120/PD	1 Piece	49
PO14060	1 Piece	49
PO14080	1 Piece	49
PO140100	1 Piece	49
PO140100/PD	1 Piece	49
PO140120/PD	1 Piece	49
PO16560	1 pack	144-176
PO16580	1 pack	144-176
PO165100	1 pack	144-176
PO18030	1 pack	144-176
PO18040	1 pack	144-176
PO18060	1 pack	144-176
PO18080	1 pack	144-176
PO180100	1 pack	144-176
PO20030	1 pack	144-176
PO20040	1 pack	144-176
PO20060	1 pack	144-176
PO20080	1 Piece	144-176
PO200100	1 pack	144-176
PO22030	1 pack	144-176
PO22040	1 pack	144-176
PO22060	1 pack	144-176
PO22080	1 pack	144-176
PODCS165100	1 pack	144-176
PODCS165120	1 pack	144-176
PODCS180100	1 pack	144-176
PODCS180120	1 pack	144-176
PODCS180160	1 pack	144-176
PODCS200100	1 pack	144-176
PODCS200120	1 pack	144-176
PODCS200160	1 pack	144-176
POL302514	1 Piece	94
POL302514/CP	1 Piece	94
POL302514PT	1 Piece	94
POL403020	1 Piece	94
POL403020/CP	1 Piece	94
POL403020PT	1 Piece	94
POL404020	1 Piece	94
POL404020PT	1 Piece	94
POL504020	1 Piece	94
POL504020/CP	1 Piece	94
POL504020PT	1 Piece	94
POL505030	1 Piece	98
POL505030/A	1 Piece	98
POL505030/T	1 Piece	99
POL604023	1 Piece	94
POL604023/CP	1 Piece	94
POL604023PT	1 Piece	94
POL605023	1 Piece	94
POL605023/CP	1 Piece	94
POL605023PT	1 Piece	94
POL755030	1 Piece	98
POL755030/A	1 Piece	98
POL755030/T	1 Piece	99
POL806030	1 Piece	94

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POL806030/CP	1 Piece	94
POL806030PT	1 Piece	94
POL8010030	1 Piece	94
POL1005030	1 Piece	98
POL1005030/A	1 Piece	98
POL1005030/T	1 Piece	99
POL1007530	1 Piece	98
POL1007530/A	1 Piece	98
POL1007530/T	1 Piece	99
POL1007542	1 Piece	98
POL1007542/A	1 Piece	98
POL1007542/T	1 Piece	99
POL1008030	1 Piece	94
POL1008030/CP	1 Piece	94
POL10010030	1 Piece	98
POL10010030/A	1 Piece	98
POL10010030/T	1 Piece	99
POL10010042	1 Piece	98
POL10010042/A	1 Piece	98
POL10010042/T	1 Piece	99
POL1255030	1 Piece	98
POL1255030/A	1 Piece	98
POL1255030/T	1 Piece	99
POL1257530	1 Piece	98
POL1257530/A	1 Piece	98
POL1257530/T	1 Piece	99
POL1257542	1 Piece	98
POL1257542/A	1 Piece	98
POL1257542/T	1 Piece	99
POL12510030	1 Piece	98
POL12510030/A	1 Piece	98
POL12510030/T	1 Piece	99
POL12510042	1 Piece	98
POL12510042/A	1 Piece	98
POL12510042/T	1 Piece	99
POL12512530	1 Piece	98
POL12512530/A	1 Piece	98
POL12512530/T	1 Piece	99
POL12512542	1 Piece	98
POL12512542/A	1 Piece	98
POL12512542/T	1 Piece	99
POME1810	1 Piece	400
POME2110	1 Piece	400
POS16560	1 Piece	178
POS18060	1 Piece	178
POS20060	1 Piece	178
POS20080	1 Piece	178
POS200100	1 Piece	178
POS22060	1 Piece	178
POS22080	1 Piece	178
PPAP600	1 Piece	173
PPAP800	1 Piece	173
PPAP1000	1 Piece	173
PPI400	1 Pack	172
PPI500	1 Pack	172
PPI600	1 Pack	172
PPI800	1 Pack	172
PPI1000	1 Pack	172
PPIN4030	1 Piece	96

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PPIN4040	1 Piece	96
PPIN5040	1 Piece	96
PPIN6040	1 Piece	96
PPIN6050	1 Piece	96
PPIN8060	1 Piece	96
PPL3025	1 Piece	96
PPL32	1 Piece	114
PPL33	1 Piece	114
PPL34	1 Piece	114
PPL4030	1 Piece	96
PPL4040	1 Piece	96
PPL42	1 Piece	114
PPL44	1 Piece	114
PPL5040	1 Piece	96
PPL5050	1 Piece	100
PPL6040	1 Piece	96
PPL6050	1 Piece	96
PPL63	1 Piece	114
PPL64	1 Piece	114
PPL66	1 Piece	114
PPL7550	1 Piece	100
PPL8060	1 Piece	96
PPL84	1 Piece	114
PPL86	1 Piece	114
PPL10050	1 Piece	100
PPL10075	1 Piece	100
PPL10080	1 Piece	96
PPL100100	1 Piece	100
PPL12550	1 Piece	100
PPL12575	1 Piece	100
PPL125100	1 Piece	100
PS800	1 Piece	188
PS1000	1 Piece	188
PS1200	1 Piece	188
PS1600	1 Piece	188
PSC600	1 Piece	188
PSC800	1 Piece	188
PSC1000	1 Piece	188
PSC1200	1 Piece	188
PSC1600	1 Piece	188
PSI3040	1 Pack	142
PSI3050	1 Pack	142
PSI3060	1 Pack	142
PSI3080	1 Pack	142
PSI4040	1 Pack	142
PSI4050	1 Pack	142
PSI4060	1 Pack	142
PSI4080	1 Pack	142
PSI6040	1 Pack	142
PSI6050	1 Pack	142
PSI6060	1 Pack	142
PSI6080	1 Pack	142
PSI60100	1 Pack	142
PSI8040	1 Pack	142
PSI8050	1 Pack	142
PSI8060	1 Pack	142
PSI8080	1 Pack	142
PSI80100	1 Pack	142
PSI10040	1 Pack	142

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PSI10050	1 Pack	142
PSI10060	1 Pack	142
PSI10080	1 Pack	142
PSI12040	1 Pack	142
PSI12050	1 Pack	142
PSI12060	1 Pack	142
PSI12080	1 Pack	142
PSI16040	1 Pack	142
PSI16050	1 Pack	142
PT4CDNG	1 Piece	285-297
PT04CDN	1 Piece	297
PT6CSN	1 Piece	285
PT06CDN	1 Piece	297
PT08CDN	1 Piece	297
PT9CSN	1 Piece	285
PT9PM	1 Piece	271
PT12CDN	1 Piece	297
PT12CSN	1 Piece	285
PT12GP	1 Piece	331
PT13GM	1 Piece	271
PT16560	1 Piece	176
PT16580	1 Piece	176
PT18060	1 Piece	176
PT18080	1 Piece	176
PT18CDN	1 Piece	297
PT18CSN	1 Piece	285
PT18GP	1 Piece	331
PT20060	1 Piece	176
PT20080	1 Piece	176
PT200100	1 Piece	176
PT22080	1 Piece	176
PT24CDN	1 Piece	297
PT24CSN	1 Piece	285
PT24GP	1 Piece	331
PT362FCDN	1 Piece	297
PT363FCDN	1 Piece	297
PT36GP2F	1 Piece	331
PT36GP3F	1 Piece	331
PT40EMP48-72	1 Piece	380
PT40EMP72-96	1 Piece	380
PT40EMP96-120	1 Piece	380
PT40EMP120-168	1 Piece	380
PT40EMP144-192	1 Piece	380
PT40ENL192	1 Piece	400
PT40ENL216	1 Piece	400
PT40SUP48-72	1 Piece	368-380
PT40SUP72-96	1 Piece	368-380
PT40SUP96-120	1 Piece	368-380
PT40SUP120-168	1 Piece	368-380
PT40SUP144-192	1 Piece	368-380
PT54CDN	1 Piece	297
PT54GP	1 Piece	331
PT55SUP192	1 Piece	400
PT55SUP216	1 Piece	400
PT65SUP48-72	1 Piece	380
PT65SUP72-96	1 Piece	380
PT65SUP96-120	1 Piece	380
PT65SUP120-168	1 Piece	380
PT65SUP144-192	1 Piece	380

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PTC500	1 Pack	173
PTC600	1 Pack	173
PTC800	1 Pack	173
PTDCA165100	1 Piece	177
PTDCA165120	1 Piece	177
PTDCA180100	1 Piece	177
PTDCA180120	1 Piece	177
PTDCA200100	1 Piece	177
PTDCA200120	1 Piece	177
PTDCS165100	1 Piece	177
PTDCS165120	1 Piece	177
PTDCS180100	1 Piece	177
PTDCS180120	1 Piece	177
PTDCS200100	1 Piece	177
PTDCS200120	1 Piece	177
PV1650	1 Pack	142
PV1800	1 Pack	142
PV2000	1 Pack	142
PV2200	1 Pack	142
PVB1650	1 Pack	172
PVB1800	1 Pack	172
PVB2000	1 Pack	172
PVC1800	1 Pack	143
PVC2000	1 Pack	143
RC15SV	1 Piece	210
RC30SV	1 Piece	210
RC60SV	1 Piece	210
RC75SV	1 Piece	211
RC100SV	1 Piece	211
RC150SV	1 Piece	211
RC250CV	1 Piece	212
RC500CV	1 Piece	212
RF93	3 Pieces	206
RF123	1 Piece	206
RF222	1 Piece	207
RF290	1 Piece	207
ROC32APO	4 Pieces	112
ROC32APT	4 Pieces	112
ROC32PO	4 Pieces	112
ROC32PT	4 Pieces	112
ROC33PO	4 Pieces	112
ROC33PT	4 Pieces	112
ROC34APO	4 Pieces	112
ROC34APT	4 Pieces	112
ROC34PO	2 Pieces	112
ROC34PT	2 Pieces	112
ROC42PO	4 Pieces	112
ROC42PT	4 Pieces	112
ROC44APO	2 Pieces	112
ROC44APT	2 Pieces	112
ROC44PO	1 Piece	112
ROC44PT	1 Piece	112
ROC63APO	2 Pieces	112
ROC63APT	2 Pieces	112
ROC63PO	2 Pieces	112
ROC63PT	2 Pieces	112
ROC64APO	2 Pieces	112
ROC64APT	2 Pieces	112
ROC64PO	1 Piece	112

Reference No.	Pack	Page
ROC64PT	1 Piece	112
ROC66APO	1 Piece	112
ROC66APT	1 Piece	112
ROC66PO	1 Piece	112
ROC66PT	1 Piece	112
ROC84PO	1 Piece	112
ROC84PT	1 Piece	112
ROC86PO	1 Piece	112
ROC86PT	1 Piece	112
S48M200	1 Pack	368-369-370
S48P200	1 Pack	368-369-370
S72M150	1 Pack	368-369-370
S72M200	1 Pack	368-369-370
S72P150	1 Pack	368-369-370
S72P200	1 Pack	368-369-370
S96M150	1 Pack	368-369-370
S96M200	1 Pack	368-369-370
S96P150	1 Pack	368-369-370
S96P200	1 Pack	368-369-370
S120M150	1 Pack	368-369-370
S120M200	1 Pack	368-369-370
S120P150	1 Pack	368-369-370
S120P200	1 Pack	368-369-370
S144M200	1 Pack	368-369-370
S144P200	1 Pack	368-369-370
S168M150	1 Pack	368-369-370
S168P150	1 Pack	368-369-370
S192M150	1 Pack	368-369-370
S192P150	1 Pack	364-365-366
SBF19	1 Pack	161
SBFP19	1 Pack	162
SEP500	1 Pack	173
SEP600	1 Pack	173
SEP800	1 Pack	173
SFP38	1 Piece	231-232
SFP100	1 Piece	231-232
SFP540	1 Piece	231
SFP7288	1 Piece	231-232
SFP300385	1 Piece	231
SFP125160200	1 Piece	231-232
SP150	1 Pack	39-83
SP200	1 Pack	39-83
SP250	1 Pack	39-83
SP300	1 Pack	39-83
SP400	1 Pack	39
T06	10 Pieces	44-69
T07	10 Pieces	44-69
T08	10 Pieces	44-69
T09	10 Pieces	44-69
T11	10 Pieces	44-69
T12	10 Pieces	44-69
T13	10 Pieces	44-69
T14	10 Pieces	45
T15	10 Pieces	45
T16	10 Pieces	45
T17	10 Pieces	45
TBC1U	1 Piece	40-165
TC50	1 Piece	374-394
TC150	1 Piece	374-394

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TC200	1 Piece	374-394
TCA1560	1 Piece	159
TCA1580	1 Piece	159
TCA2060	1 Piece	159
TCA2080	1 Piece	159
TCA20100	1 Piece	159
TCA3060	1 Piece	159
TCA3080	1 Piece	159
TCA4060	1 Piece	159
TCA4080	1 Piece	159
TCA6060	1 Piece	159
TCA6080	1 Piece	159
TCB1U	1 Piece	40-165
TCB2U	1 Piece	40-165
TCB3U	1 Piece	40-165
TCB4U	1 Piece	40-165
TCB6U	1 Piece	40-165
TCB9U	1 Piece	165
TCB10U	1 Piece	165
TCB12U	1 Piece	165
TCF0560	1 Piece	158
TCF0580	1 Piece	158
TCF05100	1 Piece	158
TCF1060	1 Piece	158
TCF1080	1 Piece	158
TCF10100	1 Piece	158
TCF1560	1 Piece	158
TCF1580	1 Piece	158
TCF15100	1 Piece	158
TCF2060	1 Piece	158
TCF2080	1 Piece	158
TCF20100	1 Piece	158
TCF3030	1 Piece	166
TCF3040	1 Piece	166
TCF3060	1 Piece	158
TCF3080	1 Piece	158
TCF30100	1 Piece	158
TCF4030	1 Piece	166
TCF4040	1 Piece	166
TCF4060	1 Piece	158
TCF4080	1 Piece	158
TCF40100	1 Piece	158
TCF6030	1 Piece	166
TCF6040	1 Piece	166
TCF6060	1 Piece	158
TCF6080	1 Piece	158
TCF60100	1 Piece	158
TCF16030	1 Piece	166
TCF16040	1 Piece	166
TCF18030	1 Piece	166
TCF18040	1 Piece	166
TCFL13	1 Pack	45
TCFL21	1 Pack	44-69
TCM50F	1 Piece	374-394
TCM100F	1 Piece	374-394
TCM150F	1 Piece	374-394
TCM200F	1 Piece	374-394
TCM300F	1 Piece	374-394
TCM400F	1 Piece	374-394

QUICK SEARCH

Reference No.	Pack	Page
TD03	1 Piece	213
TEJ2015	1 Piece	46
TEJ2515	1 Piece	46
TEJ2520	1 Piece	46
TEJ3015	1 Piece	46
TEJ3020	1 Piece	46
TEJ3025	1 Piece	46
TEJ4015	1 Piece	46
TEJ4020	1 Piece	46
TEJ4025	1 Piece	46
TEJ4030	1 Piece	46
TEJ5015	1 Piece	46
TEJ5020	1 Piece	46
TEJ5025	1 Piece	46
TEJ5030	1 Piece	46
TEJ6020	1 Piece	46
TEJ6025	1 Piece	46
TEJ6030	1 Piece	46
TEJ6040	1 Piece	46
TEJ6040COM	1 Piece	175
TEJ6060ENL	1 Piece	175
TEJ6080ENL	1 Piece	175
TEJ7020	1 Piece	46
TEJ8020	1 Piece	46
TEJ8025	1 Piece	46
TEJ8030	1 Piece	46
TEJ8040	1 Piece	46
TEJ8040COM	1 Piece	175
TEJ8050COM	1 Piece	175
TEJ8060ENL	1 Piece	175
TEJ8080ENL	1 Piece	175
TEJ10020	1 Piece	46
TEJ10025	1 Piece	46
TEJ10030	1 Piece	46
TEJ10040	1 Piece	46
TEJ10040COM	1 Piece	175
TEJ10050COM	1 Piece	175
TEJ10060ENL	1 Piece	175
TEJ10080ENL	1 Piece	175
TEJ12025	1 Piece	46
TEJ12030	1 Piece	46
TEJ12040	1 Piece	46
TEJ12040COM	1 Piece	175
TEJ12050COM	1 Piece	175
TEJ12060ENL	1 Piece	175
TEJ16040COM	1 Piece	175
TEJ16050COM	1 Piece	175
TEJC60	1 Pack	175
TEJC80	1 Pack	175
TEJL60	1 Pack	175
TEJL80	1 Pack	175
TEJP5030	1 Piece	101
TEJP5042	1 Piece	101
TEJP7530	1 Piece	101
TEJP7542	1 Piece	101
TEJP10030	1 Piece	101
TEJP10042	1 Piece	101
TEJP12530	1 Piece	101
TEJP12542	1 Piece	101

Reference No.	Pack	Page
TF0820	1 Pack	45
TF0830	1 Pack	45
TF1423	1 Pack	44
TF1430	1 Pack	44
TF1440	1 Pack	44
TF1450	1 Pack	44
TF1470	1 Pack	44
TF1490	1 Pack	44
TFL13	1 Bag	45
TFL21	1 Bag	44-69
TLZCL1040	1 Pack	169-192
TLZCL1050	1 Pack	169-192
TLZCL1060	1 Pack	169
TLZCL1080	1 Pack	169
TLZCL10100	1 Pack	169
TLZCL2040	1 Pack	169-192
TLZCL2050	1 Pack	169-192
TLZCL2060	1 Pack	169
TLZCL2080	1 Pack	169
TLZCL20100	1 Pack	169
TM150	1 Piece	374-394
TM200	1 Piece	374-394
TMA1560	1 Piece	158
TMA1580	1 Piece	158
TMA15100	1 Piece	158
TMA2060	1 Piece	158
TMA2080	1 Piece	158
TMA20100	1 Piece	158
TMA3060	1 Piece	158
TMA3080	1 Piece	158
TMA30100	1 Piece	158
TMA4060	1 Piece	158
TMA4080	1 Piece	158
TMA40100	1 Piece	158
TMB3U	1 Piece	165
TMBGN3U	1 Piece	40
TMCB200	1 Piece	375-397
TMCB250	1 Piece	375-397
TMCB300	1 Piece	375-397
TMCB400	1 Piece	375-397
TMF1560	1 Piece	158
TMF1580	1 Piece	158
TMF15100	1 Piece	158
TMF2060	1 Piece	158
TMF2080	1 Piece	158
TMF20100	1 Piece	158
TMF3060	1 Piece	158
TMF3080	1 Piece	158
TMF30100	1 Piece	158
TMF4060	1 Piece	158
TMF4080	1 Piece	158
TMF40100	1 Piece	158
TMM150F	1 Piece	374-394
TMM200F	1 Piece	374-394
TMM300F	1 Piece	374-394
TMM400F	1 Piece	374-394
TS01	1 Pack	213
TS02	1 Pack	213
TS0815	1 Pack	43

Reference No.	Pack	Page
TS0820	1 Pack	43
TS0830	1 Pack	43
TS1423	1 Pack	43
TS1430	1 Pack	43
TS1440	1 Pack	43
TS1450	1 Pack	43
TS1470	1 Pack	43
TS1490	1 Pack	43
TVN40100	1 Piece	183
TVN6040	1 Piece	183
TVN6050	1 Piece	183
TVN6060	1 Piece	183
TVN6080	1 Piece	183
TVN8040	1 Piece	183
TVN8050	1 Piece	183
TVN8060	1 Piece	183
TVN8080	1 Piece	183
TVN80100	1 Piece	183
TVN10040	1 Piece	183
TVN10050	1 Piece	183
TVN10060	1 Piece	183
TVN10080	1 Piece	183
TVN12040	1 Piece	183
TVN12050	1 Piece	183
TVN12060	1 Piece	183
TVN12080	1 Piece	183
TVN16040	1 Piece	183
TVN16050	1 Piece	183
VF34AC	1 Piece	196
VF60DC	1 Piece	202
VF637AC	1 Piece	200
VF637AC/115	1 Piece	200
VF92AC	1 Piece	197
VF92AC/115	1 Piece	197
VF113DC	1 Piece	203
VF224AC	1 Piece	198
VF245DC	1 Piece	204
VF280AC	1 Piece	199
VF280AC/115	1 Piece	199
VF1395AC	1 Piece	201
VF1395AC/115	1 Piece	201
VT1020	1 Piece	205
VT484	1 Piece	205
VT484/115	1 Piece	205
VT730	1 Piece	205
VT730/115	1 Piece	205
ZCL1030	1 Pack	169
ZCL1040	1 Pack	169
ZCL1050	1 Pack	169
ZCL1060	1 Pack	169-192
ZCL1080	1 Pack	169-192
ZCL10100	1 Pack	169-192
ZCL10120	1 Pack	169-192
ZCL10140	1 Pack	169
ZCL10160	1 Pack	169-192
ZCL2030	1 Pack	169
ZCL2040	1 Pack	169
ZCL2050	1 Pack	169
ZCL2060	1 Pack	169-192

Reference No.	Pack	Page
ZCL2080	1 Pack	169-192
ZCL20100	1 Pack	169-192
ZCL20120	1 Pack	169-192
ZCL20140	1 Pack	169
ZCL20160	1 Pack	169-192
ZCL2T1040	1 Pack	169
ZCL2T1050	1 Pack	169
ZCL2T1060	1 Pack	169-192
ZCL2T1080	1 Pack	169-192
ZCL2T10100	1 Pack	169-192
ZCL2T10120	1 Pack	169-192
ZCLA106020	1 Piece	42
ZCLA106025	1 Piece	42
ZCLA106030	1 Piece	42
ZCLA106040	1 Piece	42
ZCLA108020	1 Piece	42
ZCLA108025	1 Piece	42
ZCLA108030	1 Piece	42
ZCLA108040	1 Piece	42
ZCLA1010025	1 Piece	42
ZCLA1010030	1 Piece	42
ZCLA1010040	1 Piece	42
ZCLA1012025	1 Piece	42
ZCLA1012030	1 Piece	42
ZCLA1012040	1 Piece	42
ZCLA206020	1 Piece	42
ZCLA206025	1 Piece	42
ZCLA206030	1 Piece	42
ZCLA206040	1 Piece	42
ZCLA208020	1 Piece	42
ZCLA208025	1 Piece	42
ZCLA208030	1 Piece	42
ZCLA208040	1 Piece	42
ZCLA2010025	1 Piece	42
ZCLA2010030	1 Piece	42
ZCLA2010040	1 Piece	42
ZCLA2012025	1 Piece	42
ZCLA2012030	1 Piece	42
ZCLA2012040	1 Piece	42
ZCLV2040	1 Pack	168
ZCLV2050	1 Pack	168
ZCLV2060	1 Pack	168
ZCLV2080	1 Pack	168
ZCLV20100	1 Pack	168
ZCLV20120	1 Pack	168
ZOC5030/P	1 Piece	102
ZOC7530/P	1 Piece	102
ZOC7542/P	1 Piece	102
ZOC10030/P	1 Piece	102
ZOC10042/P	1 Piece	102
ZOC12530/P	1 Piece	102
ZOC12542/P	1 Piece	102

CONDITIONS OF SALE

IDE ELECTRIC general terms and conditions of sale

1. Scope of application: These terms of sale apply to all orders sent to IDE ELECTRIC S.L. (hereinafter IDE) via any of the channels authorized by IDE.

2. Customer registration: Orders are not accepted from potential buyers who have not been previously registered as customers in the IDE computer system. To be registered as a customer, it is necessary to be accepted and approved by IDE.

3. Orders: Any order is considered, for all purposes, the acceptance of firm purchase addressed by the customer to IDE and, therefore, the acceptance of these conditions of purchase.

IDE will communicate to the customer the confirmation of their order. From the date of order confirmation, the goods are deemed to have been placed at the customer's disposal by IDE. The customer shall verify and send the acceptance of the order as soon as possible. If there is no response within 24 hours of receipt of this confirmation, IDE considers silence positive and therefore acceptance of this in terms of deadlines, quantities and prices.

The sales prices and the packing units applied will be those given to the customer as stated in a Price List, on the date on which the customer places the order. The orders must be always adjusted to the packing units. IDE reserves the right to modify the units requested of any reference, if these do not match the packing multiples, as well as the prices if these do not match the previously agreed conditions of sale. This implies that for an order to be considered as such, it must comply with all the requirements listed in the TERMS AND CONDITIONS OF SALE.

The minimum amount per order is €3,000 net. The prices are quoted EX-WORKS. Any other condition must be agreed between the customer and IDE in writing and in the IDE customer file. For orders less than €3,000 net, IDE reserves the right not to accept the order and to apply an administrative fee in any case.

The administration fees will be as follows:

- For orders between €0 and €599 net: €50.

- For orders between €600 and €2,999 net: €30.

Any material sent by express courier or using methods of transport or carriers other than those used by IDE will always be freight collect.

4. Delivery: The products will always be delivered in the shortest possible time according to availability. By aiming to advance the delivery dates, partial deliveries of the order may be made. If a delivery deadline is established, this is understood to apply to the availability of the goods at the IDE warehouses. IDE do not accept responsibility for losses, damage or delay in the delivery of the good for reasons attributable to the carrier. IDE does not accept any financial penalty for loss, damage or delay in the delivery deadlines.

Conditions of payment

1. Invoicing and method of payment: The stipulated price will be paid by the customer on the dates stated on the invoice. In no event will this exceed the 60 days after the invoice date. Payment of invoices should only be made to the IDE Electric, SL bank account indicated in the order acceptance. Under no circumstances should payment be made to a different bank account. In case of a change of account number, we will inform you by sending a certificate of account ownership. IDE assumes no responsibility in case of impersonation or fraud resulting in the payment of invoices to a bank account other than the one indicated in the acceptance of the order, always coinciding with the one indicated on the invoice.

2. Delay in payment and consequences: All the quantities included in the order shall be invoiced, adding the corresponding applicable taxes. Delay and/or default of the payment, in whole or in part, of the payment obligation shall entitle IDE to: 1. increase the amount payable, automatically from the invoice maturity date, by an interest rate of eight percent (8%) for every THIRTY (30) days in arrears, this interest rising on a daily basis; 2. suspend the execution of their duties until the full payment of the relevant quantities has been made, for all the concepts; 3. to claim the corresponding damages. The decision of IDE not to exercise all or some of these measures, does not imply that this is not an applicable condition at any moment elected by IDE.

The payment operations regulated by Royal Decree-law 19/2018, of 23 November, on payment services, are subject to the framework contract expressly accepted by the Customer with the mere emission of an order: 1. The Customer ordering a payment to IDE shall pay the costs, fees and commission established with their Bank for each operation. 2. The customer specifically authorizes the exact amount of the payment operation, the subject of the order in all its concepts, to IDE. Once the payment has been debited, the Customer's Bank is not entitled to withdraw or reimburse the operation.

3. Reservation of Ownership: All goods sent are the property of IDE until payment for said goods has been made in full. IDE reserves the right to modify, without prior warning, references, packing units or any manufacturing specifications if this is recommended by technical improvements, regulations or construction logistics.

Warranty

1. Cover: All goods from IDE have a WARRANTY in accordance with current legislation. To benefit from this WARRANTY, the customer must notify IDE immediately of any defects observed.

2. Exclusions: Products damaged due to incorrect handling or assembly, undue storage or conservation or products which have been modified in any way without the express written authorization of IDE will not be covered by the WARRANTY.

IDE undertakes to replace defective material free of charge, retaining the defective material to analyze and correct the defects found.

Consequences of unilateral cancellation or modification of a confirmed order

The cancellation or modification by the customer of a confirmed order implies that the customer cancels or modifies the purchase contract under its responsibility, being at its expense all preparation, packaging and management costs incurred by IDE as a consequence of the

cancellation or incurred as a consequence of the modification, which is established in a directly chargeable liability, by IDE to the customer, corresponding to 50% of the amount of the confirmed order.

Returns

1. Procedure: All returns of material must always be authorized by IDE Commercial Management. If the customer returns material without the express prior authorization in writing of IDE, the material will be rejected.

2. Deadline: The return of material, by the customer, must be made within 30 working days, from the confirmation of the IDE authorization for the return. Otherwise, IDE will not accept the return. Any authorized return must be sent free of shipping charges. If this is not the case, the shipping fees will be deducted from the corresponding payment.

3. Exclusions: If a return is accepted, the credit note is subject to the perfect condition of the material. Obsolete material, with a date of manufacture prior to 24 months from the return application date, will not be accepted. Open or incomplete packaging, as well as special or customized material will not be accepted.

In no event will complaints be accepted for damage caused during shipping if not made within 24 hours from the time of reception of the goods by the customer. If the reason for the return is due to damage during shipping, the customer must place a claim with IDE, this claim will be only accepted when the instructions in the next point are followed.

4. What to do in the event of shipping damage: At the time of delivery, you should check the goods. In the event of there being any damage, it should be noted on the CMR in the presence of the delivery driver. If nothing is noted down, it will be understood that the items have been delivered correctly and it will not be possible to make any claims at a later date.

5. Depreciation: All returned goods will have a minimum depreciation of 30% of their value. This depreciation may be higher depending on the condition of the goods.

Compliance: ethical and legal compliance and code of conduct

1. Program of compliance: IDE has developed and approved a program for the prevention of criminal risks and legal compliance, which requires to comply and to ensure the compliance of the individuals and/or entities with whom they have contractual relations with their Code of Conduct and Crime Prevention Policy.

IDE places the **Code of Conduct** and **Crime Prevention Policy,** in the specific **Compliance** section of the IDE web, the placement of an order representing the absolute commitment of the customer to abide by the principles, good practices and legal requirements established in the same.

In addition, IDE offers the customer an **Ethics Channel** via its web page for reporting any suspicion or knowledge of any irregularity committed by any member of IDE during the exercise of their duties in the company.

2. Consequences of non-compliance: Any failure to comply with the terms of this clause and the documents mentioned will constitute just cause for the immediate termination of this contract, IDE being free of all liability.

3. Extension: The obligations to comply with the Code of Conduct and the Policy described in this clause shall be understood to extend to all the employees of the customer in the relation they hold with IDE and shall remain in force indefinitely on the termination or expiry of the contractual relation.

Confidentiality and data protection

1. Information of basic data protection: IDE ELECTRIC, SL. Purpose: to manage the contractual and/or commercial established relationship and the sending of technical and operational information relating to the same. Only if you give express consent, we will send you advertising and promotional information relating to other products, services, and activities. Legitimation: a) implementation of the contractual relation with the customer and legitimate interest of IDE b) express consent. Addressees: no date will be transferred to third parties except legal obligation. You can assert your privacy rights at **privacy@ide.es**. More information: **Privacy policy.**

2. Confidentiality: The customer and IDE undertake to mutually maintain the strictest confidentiality and reserve of any non-public information and documentation owned by the other party, to which they may have access, process or knowledge as a consequence of the contractual relation. The confidentiality requirement will remain in full force and effect, not only during the validity of the legal relation existing between the parties but also after its termination, whatever the reason for the termination.

Consequently, this information may not be reported, reproduced, disclosed, transferred, or distributed, in whole or in part, to any natural or legal person without the express authorization of the party to whom the confidential information belongs.

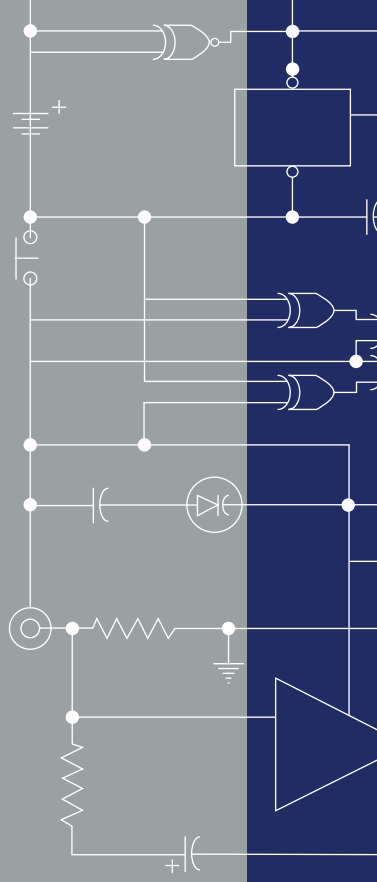
Both parties undertake to take the necessary measures to ensure compliance with this obligation, diligently ensuring that their staff and third parties who may have any relation with the products, services and work commissioned, including subcontractors and suppliers, comply strictly with the same. Both parties are obliged to notify the other party of any security incident about which they are aware, and any impact derived from the alteration, loss, removal, access, revelation, or disclosure of unauthorized information.

Tax and labour obligations

Both IDE and the customer declare to be up to date with their tax and labor obligations, both formal and substantive, and with any other requirements of the applicable legal framework, expressly and mutually waiving any responsibility that may be derived from the failure to comply with the same.

Legislation and competence

The legal relation established between IDE and the customer is subject to the applicable Spanish and European legislation at any moment. Any disputes should be resolved through extrajudicial negotiation between the parties within 30 days. After this time, if it has not been possible to reach an agreement, the parties may submit the matter of dispute to the jurisdiction of the Courts of Zaragoza (Spain).



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