Ref: 40SUP120-168PO

Serie Atlantic IP40 Surface

IP40 Compact surface cabinets // (48-192 modules)

IP40 Compact surface distribution cabinet. PO 120-168 mod. with removable frame



Features

Application:	Tertiary (large facilities)
Suitable for outdoor installation:	No
Type of installation:	Surface
Piece dimensions - HxWxD (mm):	1110 x 670 x 212
Capacity/Number of modules:	120-168
Material Quality:	Cold-rolled steel

Technical data

Protection degree:	IP40
Resistance to impact:	IK10

Dimensions

Piece dimensions - HxWxD (mm):	1110 x 670 x 212
Cable entry - WxD (mm):	440 x 106
Usable interior space - HxWxD (mm):	1050 x 0 x 0

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Additional features

Capacity/Number of modules:	120-168
Door/window/lid type:	Single opaque
Reversible door:	Yes
Number of doors:	1
Body type:	Compact
Lock type:	5-mm double-bit
Plate:	No
Adjustable Plate:	No
Perforated Plate:	No
No. of locks:	2x1P
Lock - Key Type:	5 mm double-bit Polyamide key included

Materials

Lock material:	Zamak insert, steel cam and grey polyamide housing RAL 7037
Mounting frame material:	Galvanised steel
Gasket material:	Polyurethane
Color:	White RAL 9003
Finish:	Painted with embossed polyester paint
Body thickness (mm):	1.2
Door thickness (mm):	1
Top/bottom panel thickness (mm):	1.2

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Maximum loads

Maximum total load (kg): 50

Electrical properties

Maximum voltage (V): 1000 AC / 1500 DC

Rated current (A): Up to 630 (depending on type of accessory)

Power dissipation:

Power dissipation P(W) as a function of temperature increase ΔT (°C)				
20	25	30	35	40
183.0	228.7	274.5	320.2	366.0

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

Certificates and regulations

Directive: 2014/35/EU

Standards: UNE-EN 62208,UNE-EN 61439-1

Packaging

Supply:

IP40 compact surface cabinets
They are supplied assembled in individual packaging that contains the cabinet with the door and the locks assembled, and an 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 fl ush-fi t cabinets (48014)

Individual Packaging Type: Box

UoM Packaging - Individual: Unit

Minimum Selling Quantity: 1

Individual packaging dimensions - HxWxD (m): 1.13 x 0.69 x 0.23

Net weight per unit (kg): 29.077

Gross weight per unit (kg): 31.985

Codes

GTIN-13 code: 8431044283166

Tariff code: 85381000

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ETIM code 9.0:	EC000058

Downloads (links)

Product drawing STP (URL):	https://ideelectric.com/docs/plans/stp/40SUP120-168PO.stp
Product drawing DXF (URL):	https://ideelectric.com/docs/plans/dxf/40SUP120-168PO.dxf
Product drawing (PDF):	https://ideelectric.com/docs/plans/pdf/40SUP120-168PO.pdf
Assembly instructions:	https://assemblysteps.org/qr/92854