Ref: 40EMP120-168PO

Serie Atlantic Flush-fit

IP40 Flush-fit cabinets // (48-192 modules)

IP40 Flush-fit distribution cabinet. Opaque door 120-168 mod.



Features

Application:	Tertiary (large facilities)
Suitable for outdoor installation:	No
Type of installation:	Recessed
Piece dimensions - HxWxD (mm):	1197 x 737 x 120
Capacity/Number of modules:	120-168

Technical data

Protection degree:	IP40
Resistance to impact:	IK10

Dimensions

Piece dimensions - HxWxD (mm):	1197 x 737 x 120
Box flush-mounting cut-out dimensions - H×W×D (mm):	1120 x 660 x 100
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
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

Body/Base Material:	Galvanised steel
Door/Lid/Window Material:	Cold-rolled steel
Frame material:	Cold-rolled steel
Lock material:	Zamak insert, steel cam and grey polyamide housing RAL 7037
Gasket material:	Polyurethane
Color:	White RAL 9003
Finish:	Painted with embossed polyester paint
Body thickness (mm):	1.2
Door thickness (mm):	1

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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 125 (depending on type of accessory)

Power dissipation:

Power dissipation P(W) as a function of temperature increase ΔT (°C)				
20	25	30	35	40
157.5	196.9	236.3	275.7	315.1

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: IEC 62208,IEC 61439-1

Packaging

Supply:

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 (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)

Individual Packaging Type: Box

UoM Packaging - Individual: Unit

Minimum Selling Quantity: 1

Individual packaging dimensions - HxWxD (m): 1.26 x 0.8 x 0.15

Net weight per unit (kg): 29.891

Gross weight per unit (kg): 32.88

Codes

GTIN-13 code: 8431044280714

Tariff code: 85381000

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ETIM code 9.0:	EC000058

Downloads (links)

Product drawing STP (URL):	https://ideelectric.com/docs/plans/stp/40EMP120-168PO.stp
Product drawing DXF (URL):	https://ideelectric.com/docs/plans/dxf/40EMP120-168PO.dxf
Product drawing (PDF):	https://ideelectric.com/docs/plans/pdf/40EMP120-168PO.pdf
Assembly instructions:	https://assemblysteps.org/qr/