



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.



ATLANTIC PLUS Technical Specifications

- **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

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

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, key, assembly instructions.

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, key, assembly instructions.

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 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

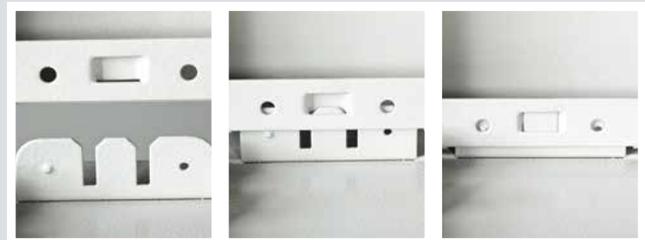
- Totally assemblable enclosure that is supplied disassembled to give the installer greater versatility and facilitate assembly and wiring.
- The enclosure is a flat component with two profiles, to which all the unit's equipment is secured. The profiles have two 25-mm rectangular cut-out lines to insert 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

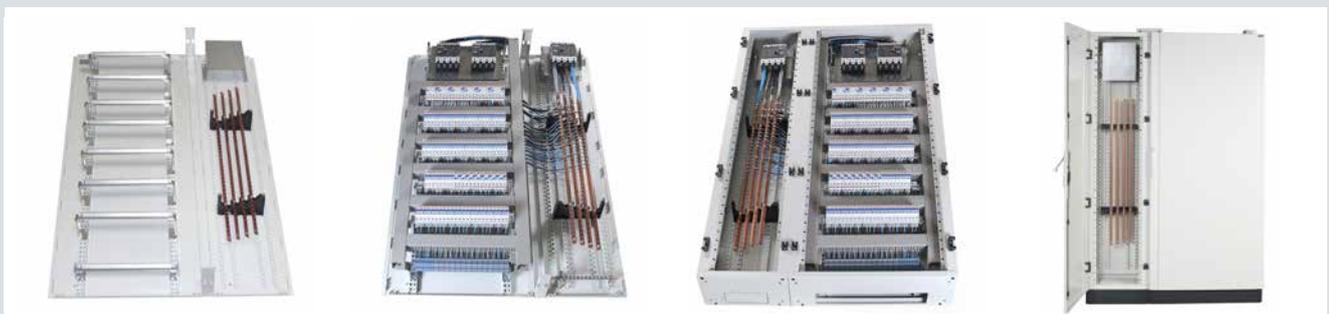
- The sides are secured to the base by means of clips.
- The hinges and retainers are secured to the sides by machined screws. The sides are reversible, and the doors can be opened to the right or to the left.
- The top and bottom covers are secured to the side by means of riveted nuts.

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 joint 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 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. 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 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 combinable surface cabinets

Reference No.	Cabinet dimensions			Usable height space	Modular capacity	Weight kg	Maximum acceptable load kg	Power dissipation according to temperature increase °C P(W)				
	A	B	C	B				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
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	396,3	495,3	594,4	693,5	792,5
40ENL216-288PO/300	2110	730	300	1900	216-288	69,5	85	344,7	430,9	517,1	603,3	689,4
40ENL216-288PT/300	2110	730	300	1900	216-288	70,9	85	396,3	495,3	594,4	693,5	792,5

IP55 compact surface cabinets

Reference No.	Cabinet dimensions			Usable height space	Modular capacity	Weight kg	Maximum acceptable load kg	Power dissipation according to temperature increase °C P(W)				
	A	B	C	B				20	25	30	35	40
55SUP192-240PO	1810	730	250	1600	192-240	58.8	70	321.2	401.5	481.8	562.1	642.4
55SUP192-240PT	1810	730	250	1600	192-240	60.1	70	321.2	401.5	481.8	562.1	642.4
55SUP216-288PO	2110	730	250	1900	216-288	66.5	85	369.8	462.2	554.6	647.1	739.5
55SUP216-288PT	2110	730	250	1900	216-288	67.9	85	369.8	462.2	554.6	647.1	739.5
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	396,3	495,3	594,4	693,5	792,5
55SUP216-288PO/300	2110	730	300	1900	216-288	69,5	85	344,7	430,9	517,1	603,3	689,4
55SUP216-288PT/300	2110	730	300	1900	216-288	70,9	85	396,3	495,3	594,4	693,5	792,5

RAL 9003 rolled steel.

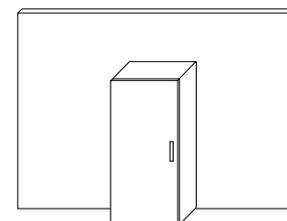
Cabinets supplied with modular frame, without lids or DIN rail.

Plinth included in the unit. The dimensions include the 100-mm plinth.

Cabinets supplied with door; PO: opaque door - PT: transparent door.

SEE DIMENSIONS ON [PAGES 350-351](#).

SEE ACCESSORIES ON [PAGE 352](#).



Multiple module combinations for a single cabinet size



IP40 combinable opaque door



IP40 combinable transparent door



IP55 compact opaque door



IP55 compact with frame

DIN rail kit



Reference No.	Description
48242	DIN rail 24 modules + assembly supports
48242/300	DIN rail 24 modules + assembly supports for 250 - mm depth cabinets

MATERIAL: Galvanised steel.

CHARACTERISTICS: Mounting system using depth-adjustable clips. 35x15 mm DIN rail.

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 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	-
TCM150F	150	577	-
TCM200F	200	577	-
TCM300F	300	577	-
TCM400F	400	577	-

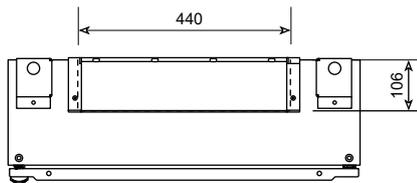
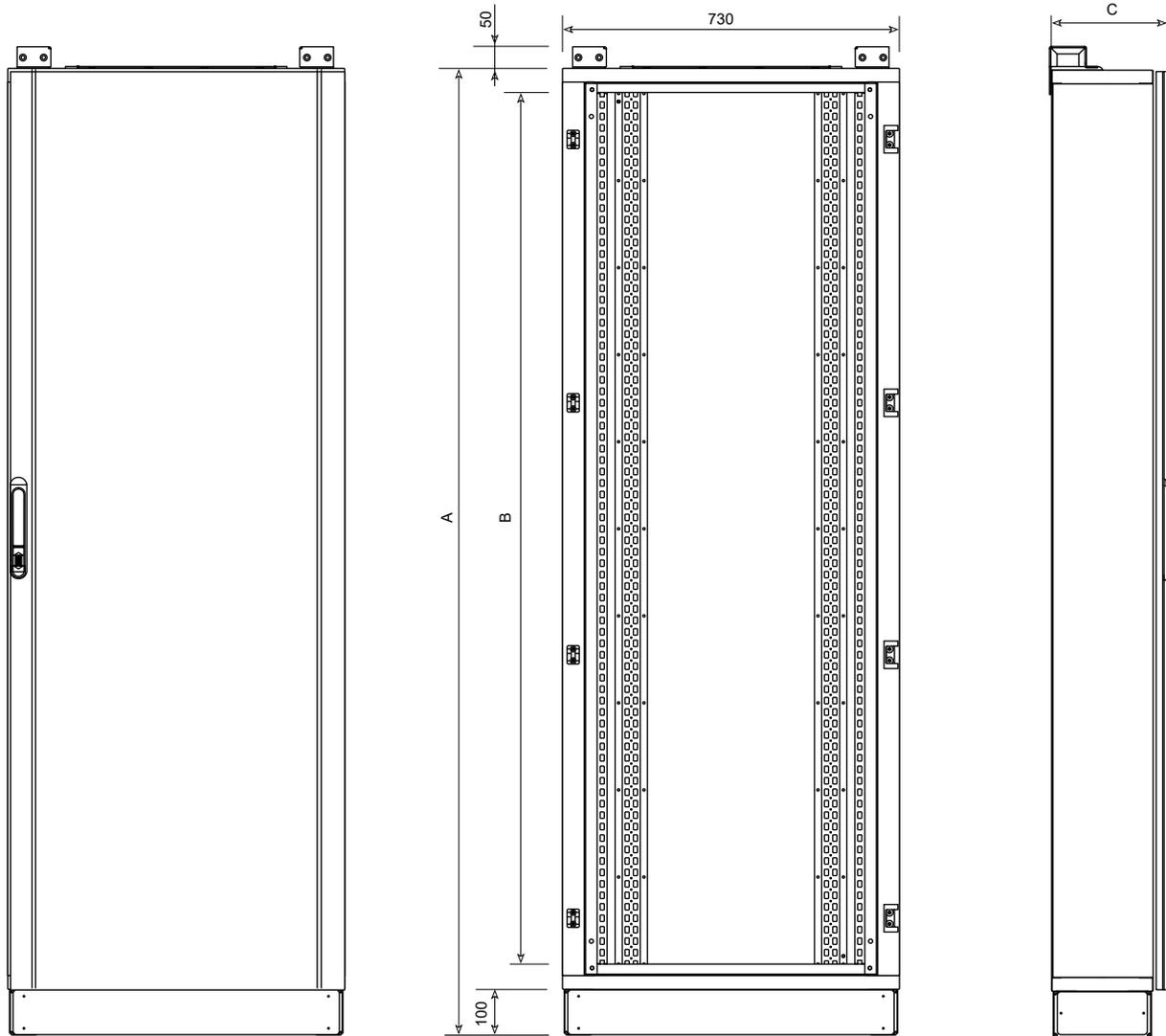
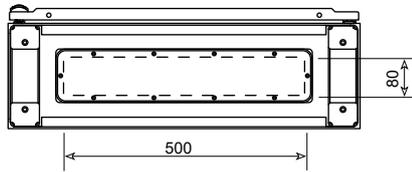
MATERIAL: RAL 9003 white cold-rolled steel.

CHARACTERISTICS: Fixed, bolted to the structure by means of M6 caged nuts and M6x10 anti-twist screws. Hinged lids available to order.

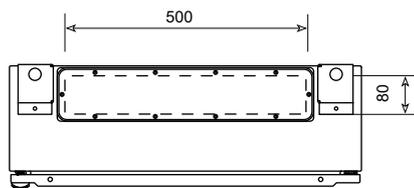
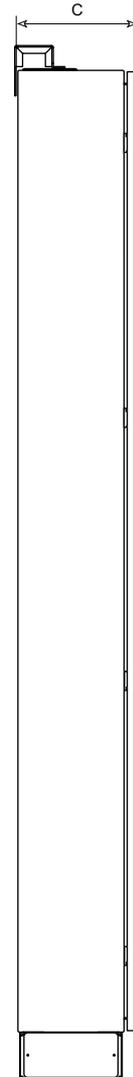
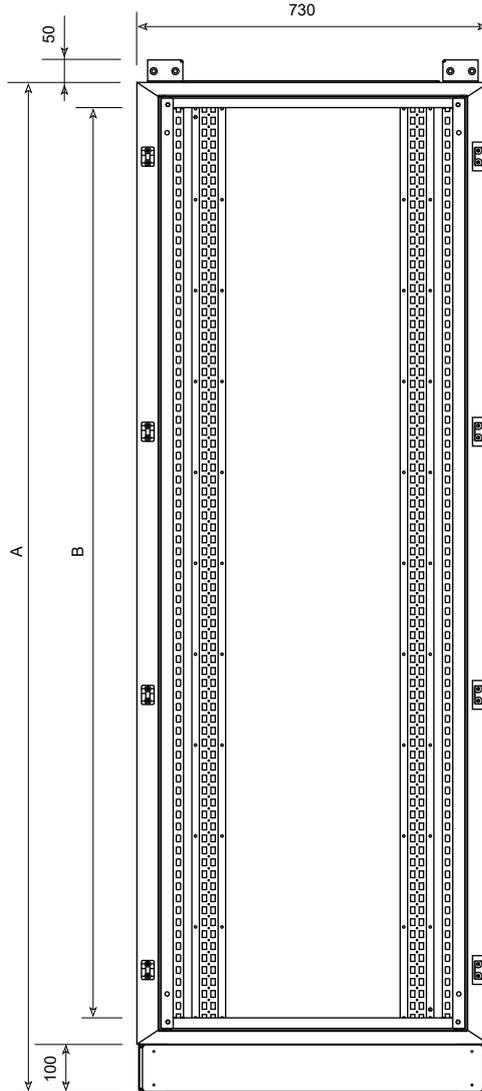
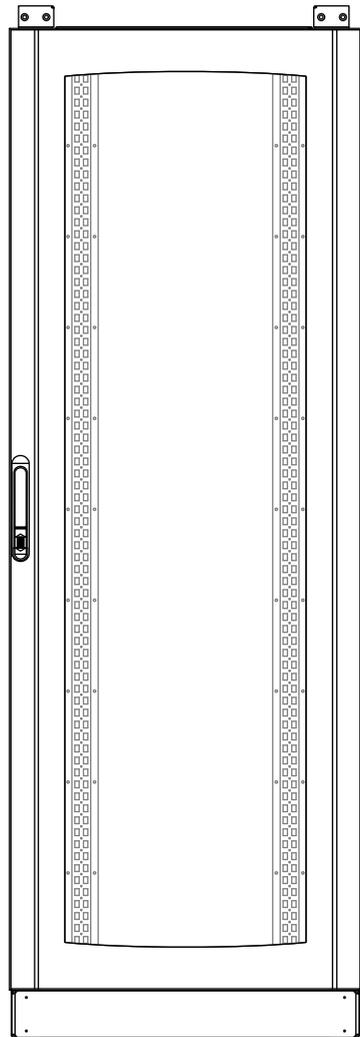
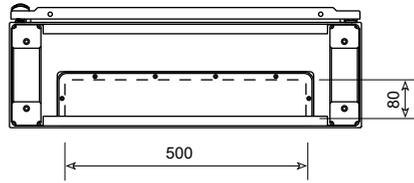
ATLANTIC PLUS

IP40-IP55 steel distribution cabinets

Dimensions: IP40 combinable cabinets



Dimensions: IP55 compact cabinets



ATLANTIC PLUS

IP40-IP55 steel distribution cabinet accessories

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	40ENL 300 250
ME402110/300	2110	430	300	1950	40ENL 300 250

MATERIAL: RAL 9003 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 grey.

Includes: rear panel, door, top and bottom covers, connecting elements, closing elements and plinth.

FOR THE FOLLOWING CABINETS: 40ENL.



Accessories for auxiliary module



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



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 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 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.

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)



PMCB200	165	385	-
PMCB250	215	385	-
PMCB300	265	385	-
PMCB350	315	385	-

Support for moulded box plate (MCCB)



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

Reference No.	Description
48345/250	Plate support for moulded box for cab. Prof. 250
48345/300	Plate support for moulded box for cab. Prof. 300

MATERIAL: RAL 9003 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 630Q A. MCCB layout can be horizontal and/or vertical. The supports are height-adjustable.

SUPPLY: The three cover + supports + plate references must be ordered.

ATLANTIC PLUS

IP40-IP55 steel distribution cabinet accessories

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

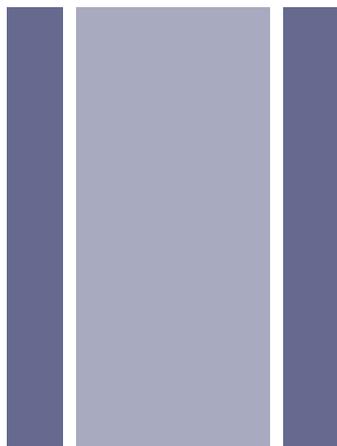
MATERIAL: RAL 9003 painted sheet steel.

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.

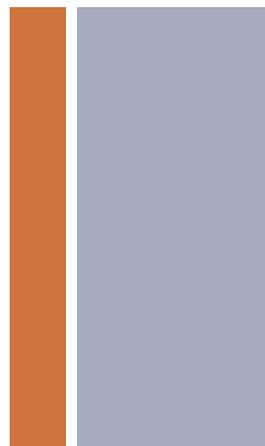
How to join two 40ENL192-240PO cabinets

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.

Trunking support kit



Reference No.	Description
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VERTICAL

48243	Vertical trunking support (6-piece pack)
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MATERIAL: Galvanised 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 plus fixing screws.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description
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HORIZONTAL

49368	Horizontal trunking support (2-piece pack)
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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 plus fixing screws.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP.

Mounting plates



Reference No.	Dimensions		No. of adjustable elements needed
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PARTIAL PLAIN

	HEIGHT	WIDTH	
PLM200	200	478	1
PLM300	300	478	1
PLM400	400	478	2

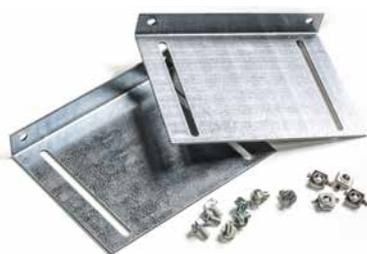
TOTAL PLAIN

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: ref. 48340.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description	Cabinet depth
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PLATE MOUNTING ELEMENTS

48340	Adjustable plate mounting elements	250
48340/300	Adjustable plate mounting elements	300

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.

Lifting and mounting elements



Reference No.	Description
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48244	Lifting and mounting pack (2-piece pack)
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48245	Connection, lifting and mounting pack (1-piece pack)
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MATERIAL: RAL 9003 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.

ATLANTIC PLUS

IP40-IP55 steel distribution cabinet accessories

Spare doors



Reference No.	Description	For cabinet
IP40 COMBINABLE		NO. OF MODULES
P040ENL192	Opaque	192-240
PT40ENL192	Transparent	192-240
P040ENL216	Opaque	216-288
PT40ENL216	Transparent	216-288

Reference No.	Description	For cabinet
IP55 COMPACT		NO. OF MODULES
P055SUP192	Opaque	192-240
PT55SUP192	Transparent	192-240
P055SUP216	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 painted sheet steel.

CHARACTERISTICS: They feature a standard 4-point lock, double-bit insert with retractable handle in RAL 7016 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 handle (without rods)
48523	Lock with padlock + RAL 7016 handle (without rods)

CHARACTERISTICS: Reference 48522: 4-point lock, double-bit insert with retractable handle in RAL 7016 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
48464	Keyless pressure insert lock
48465	Security insert lock with key code 333
48585	Security insert lock with key code 405
48588	Security insert lock with key code 1242E

Key



Reference No.	Description
48460	5-mm double-bit key in zamak

Packs for doors



Ref. 48461 Ref. 48482

Reference No.	Description
HINGES AND RETAINERS	
48461	Standard 120° hinge (4-piece pack)
48482	Lock retainer (4-piece pack)

MATERIAL: Zamak.

SUPPLY: 4-piece pack.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



Reference No.	Description
RODS FOR LOCKS	
48560	Single door rod 1800 mm height
48561	Single door rod 2000 mm height

MATERIAL: Galvanised steel.

CHARACTERISTICS: They must be ordered for the installation of locks with handle.

FOR THE FOLLOWING CABINETS: 40ENL-55SUP.



IDE ELECTRIC

Head office

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