



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 Specifications

- **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

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



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 or transparent 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, rulers for fitting rails and assembly instructions.

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, key and assembly instructions.

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 galvanized steel sheet.

Finish

- Coated with hardened RAL 9003 epoxy-polyester paint, textured.

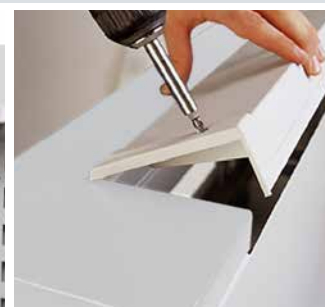
Protection

- 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 and painting:** Drying with hot air (in tunnel at 100 °C) and coated with hardened RAL 9003 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



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)



IP40 FLUSH-FIT CABINETS



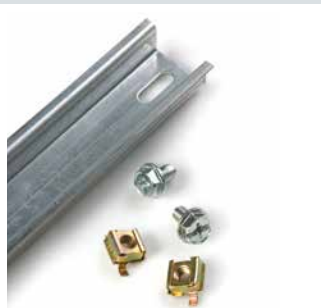
Enclosure

- 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.

- 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 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

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

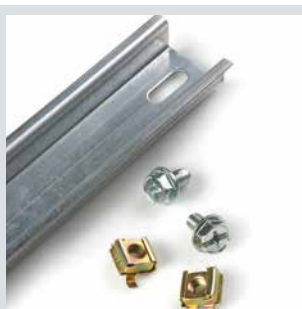
48345/250

Plate support for moulded box for cab. Prof. 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
TC200	TM200	200

Fixed metal lids

Reference No.	Lid height	Modules
PLAIN	MODULAR	mm
TCM50F	-	50
TCM150F	TMM150F	150
TCM200F	TMM200F	200
TCM300F	TMM300F	300
TCM400F	TMM400F	400

IP30-IP40 combinable surface cabinets

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					20	25	30	35	40
40ENL48-72	P040SUP48-72	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	P040SUP72-96	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	P040SUP96-120	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	P040SUP120-168	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	P040SUP144-192	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 rolled steel.

Cabinets are supplied empty, without lids or DIN rail.

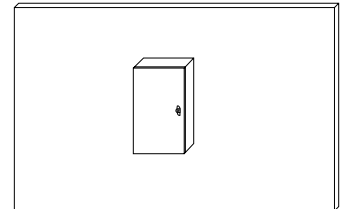
The corresponding lid + DIN rail kit must be ordered (see lid kit table).

Cabinets supplied without door.

PO: Opaque door - PT: transparent door; two references must be ordered: door + enclosure.

SEE DIMENSIONS ON [PAGE 332](#).

SEE ACCESSORIES ON [PAGE 334](#).



Lid kits

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	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



IP40 compact surface cabinets

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		F	G					20	25	30	35	40
40SUP48-72PO 40SUP48-72PT	510	670	212	450	440	106	586	48-72	15.4 17.4	20	95.9	119.9	143.9	167.8	191.8
40SUP72-96PO 40SUP72-96PT	710	670	212	650	440	106	786	72-96	20.0 20.6	30	124.9	156.2	187.4	218.6	249.9
40SUP96-120PO 40SUP96-120PT	910	670	212	850	440	106	986	96-120	24.5 28.6	40	154.0	192.5	230.9	269.4	307.9
40SUP120-168PO 40SUP120-168PT	1110	670	212	1050	440	106	1186	120-168	29.3 30.0	50	183.0	228.7	274.5	320.2	366.0
40SUP144-192PO 40SUP144-192PT	1310	670	212	1250	440	106	1386	144-192	33.9 34.7	60	185.9	232.4	278.9	325.3	371.8

RAL 9003 rolled steel.

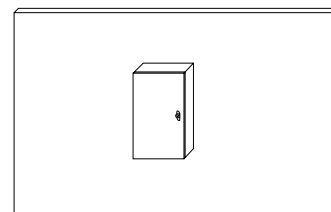
Cabinets are supplied empty, without lids or DIN rail.

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 332](#).

SEE ACCESSORIES ON [PAGE 334](#).



INTEGRATED REMOVABLE CHASSIS

Lid kits

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	40SUP48-72PO-PT
S72P150	S72M150	72 MOD.	-	3	-	3	40SUP48-72PO-PT
S72P200	S72M200		3	-	1	3	40SUP72-96PO-PT
S96P150	S96M150	96 MOD.	-	4	1	4	40SUP72-96PO-PT
S96P200	S96M200		4	-	1	4	40SUP96-120PO-PT
S120P150	S120M150	120 MOD.	-	5	2	5	40SUP96-120PO-PT
S120P200	S120M200		5	-	1	5	40SUP120-168PO-PT
S168P150	S168M150	168 MOD.	-	7	-	7	40SUP120-168PO-PT
S144P200	S144M200	144 MOD.	6	-	1	6	40SUP144-192PO-PT
S192P150	S192M150	192 MOD.	-	8	1	8	40SUP144-192PO-PT



40SUP48-72



40SUP72-96



40SUP96-120



40SUP120-168



40SUP144-192

IP65 compact surface cabinets

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		F	G					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 rolled steel.

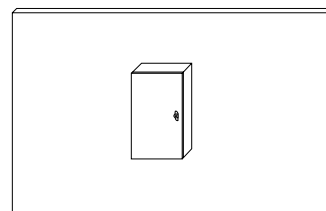
Cabinets are supplied empty, without lids or DIN rail.

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 333](#).

SEE ACCESSORIES ON [PAGE 334](#).



INTEGRATED REMOVABLE CHASSIS

Lid kits

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	65SUP48-72PO-PT
S72P150	S72M150	72 MOD.	-	3	-	3	65SUP48-72PO-PT
S72P200	S72M200		3	-	1	3	65SUP72-96PO-PT
S96P150	S96M150	96 MOD.	-	4	1	4	65SUP72-96PO-PT
S96P200	S96M200		4	-	1	4	65SUP96-120PO-PT
S120P150	S120M150	120 MOD.	-	5	2	5	65SUP96-120PO-PT
S120P200	S120M200		5	-	1	5	65SUP120-168PO-PT
S168P150	S168M150	168 MOD.	-	7	-	7	65SUP120-168PO-PT
S144P200	S144M200	144 MOD.	6	-	1	6	65SUP144-192PO-PT
S192P150	S192M150	192 MOD.	-	8	1	8	65SUP144-192PO-PT



65SUP48-72



65SUP72-96



65SUP96-120



65SUP120-168



65SUP144-192

IP40 flush-fit cabinets

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		F	G	H				20	25	30	35	40
40EMP48-72PO 40EMP48-72PT	597	737	120	450	520	660	100	48-72	18.4 19.2	20	81.9	102.4	122.9	143.3	163.8
40EMP72-96PO 40EMP72-96PT	797	737	120	650	720	660	100	72-96	22.6 23.7	30	107.1	133.9	160.7	187.5	214.2
40EMP96-120PO 40EMP96-120PT	997	737	120	850	920	660	100	96-120	27.4 28.6	40	132.3	165.4	198.5	231.6	264.7
40EMP120-168PO 40EMP120-168PT	1197	737	120	1050	1120	660	100	120-168	31.6 33.1	50	157.5	196.9	236.3	275.7	315.1
40EMP144-192PO 40EMP144-192PT	1397	737	120	1250	1320	660	100	144-192	36.3 38.1	60	182.8	228.4	274.1	319.8	365.5

Enclosure: Galvanised steel. Door: RAL 9003 rolled steel.

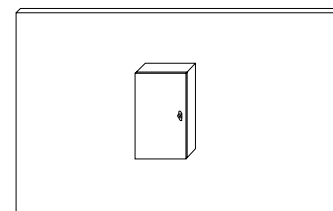
Cabinets are supplied empty, without lids or DIN rail.

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 333](#).

SEE ACCESSORIES ON [PAGE 334](#).



Lid kits

Reference		Modular cap.	Mod. Lids 200 mm	Mod. Lids 150 mm	Plain lids 50 mm	DIN rails	For cabinets
PLASTIC	METAL						
E48P200	E48M200	48 MOD.	2	-	1	2	40EMP48-72PO-PT
E72P150	E72M150	72 MOD.	-	3	-	3	40EMP48-72PO-PT
E72P200	E72M200		3	-	1	3	40EMP72-96PO-PT
E96P150	E96M150	96 MOD.	-	4	1	4	40EMP72-96PO-PT
E96P200	E96M200		4	-	1	4	40EMP96-120PO-PT
E120P150	E120M150	120 MOD.	-	5	2	5	40EMP96-120PO-PT
E120P200	E120M200		5	-	1	5	40EMP120-168PO-PT
E168P150	E168M150	168 MOD.	-	7	-	7	40EMP120-168PO-PT
E144P200	E144M200	144 MOD.	6	-	1	6	40EMP144-192PO-PT
E192P150	E192M150	192 MOD.	-	8	1	8	40EMP144-192PO-PT



40EMP48-72



40EMP72-96



40EMP96-120

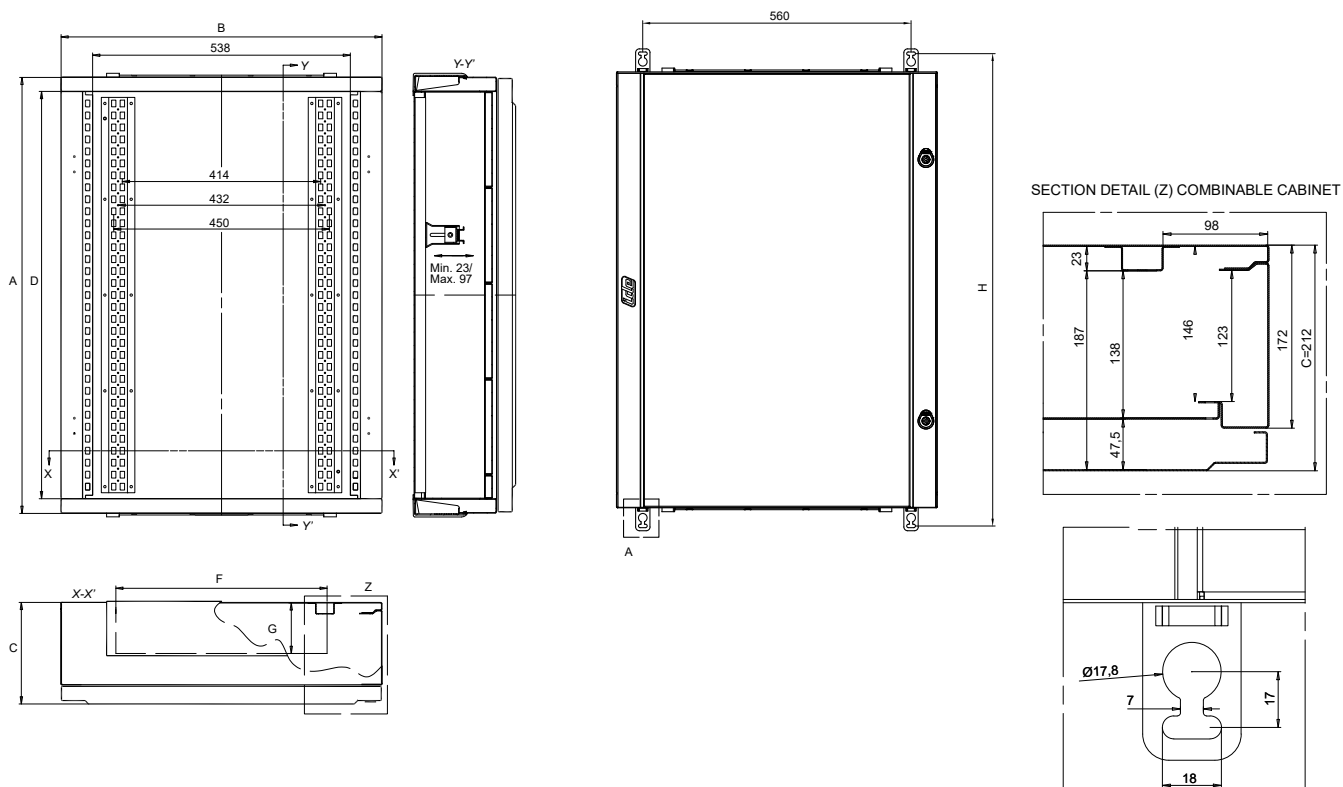


40EMP120-168

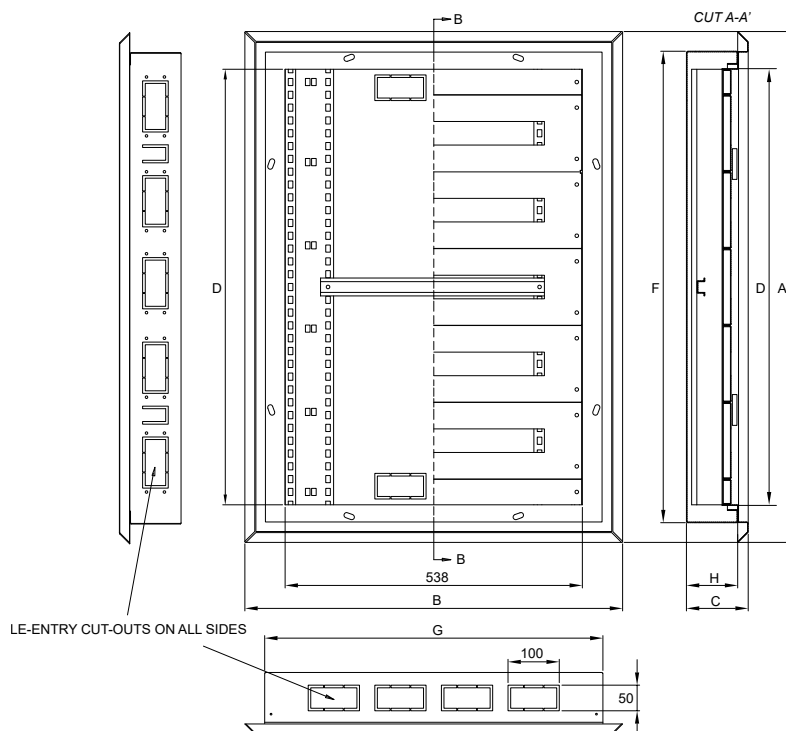


40EMP144-192

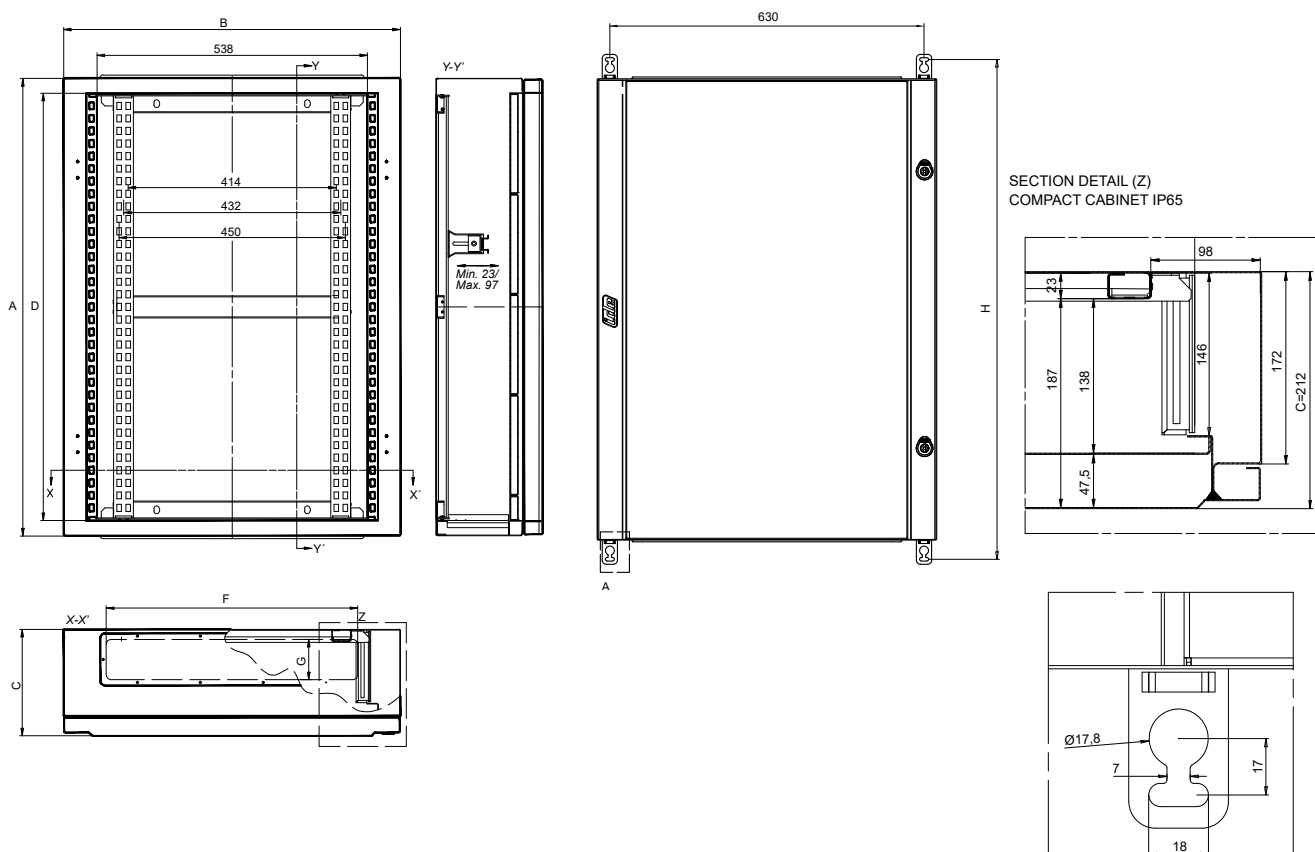
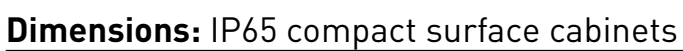
Dimensions: IP40 combinable surface cabinets



Dimensions: IP40 flush-fit cabinets



ATLANTIC



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 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	-
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.

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

Support for moulded box plate (MCCB)



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

Molded-case 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.	Dimensions	
	HEIGHT	WIDTH
PMCB200	165	385
PMCB250	215	385
PMCB300	265	385
PMCB350	315	385

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 630A. MCCB layout can be horizontal and/or vertical. The supports are height-adjustable.

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

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.

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.

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 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 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 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 CAB.		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

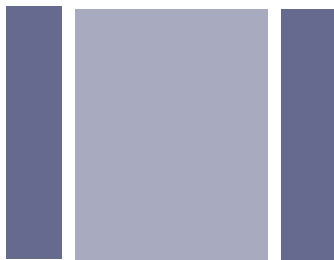
MATERIAL: RAL 9003 painted sheet steel.

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.

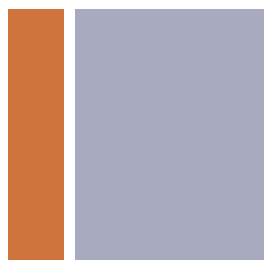
How to join two 40ENL72-96 cabinets

REFERENCES



Ref. Cabinet 40ENL72-96
It includes one rear and two side panels.

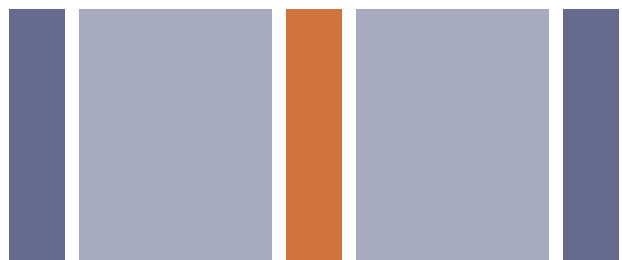
+



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
FLUSH-FIT CABINET	
48007	Joining structure for flush-fit cabinets (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
---------------	-------------

VERTICAL

48243

Vertical trunking support (6-piece pack)

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: 40SUP-40ENL-40EMP-65SUP.

Reference No.	Description
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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 plus fixing screws.

FOR THE FOLLOWING CABINETS: 40SUP-40ENL-40EMP-65SUP.



Wall-mounting support



Reference No.	Description
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48427

Galvanised wall-mounting support (4-piece pack)

MATERIAL: Galvanised steel.

CHARACTERISTICS: They are attached to the rear part of the cabinet vertically or horizontally.

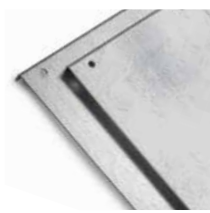
SUPPLY: 4-support pack.

FOR THE FOLLOWING CABINETS: 40SUP-40ENL-65SUP.

Mounting plates



Ref. PLC



Ref. PLM

Reference No. Dimensions No. of adjustable supports

PARTIAL PLAIN		HEIGHT	WIDTH	No. of adjustable supports
Reference No.				
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. 94422 for flush-fit cabinets.

FOR THE FOLLOWING CABINETS: 40SUP-40ENL-40EMP-65SUP.

Rail and plate mounting elements

Reference No. Description



Ref. 94422

Ref. 48444

Ref. 48340

94422	Rail and plate mounting element for flush-fit cabinets
48340	Adjustable plate mounting elements for surface cabinets
48444	Rail mounting element for surface cabinets

CHARACTERISTICS: Ref. 48340 only for PLM200 and PLM300 plates.

Spare doors



Reference No.	Description	For cabinet
IP40 FLUSH-FIT CABINET		NO. OF MODULES
P040EMP48-72	Opaque	48-72
PT40EMP48-72	Transparent	48-72
P040EMP72-96	Opaque	72-96
PT40EMP72-96	Transparent	72-96
P040EMP96-120	Opaque	96-120
PT40EMP96-120	Transparent	96-120
P040EMP120-168	Opaque	120-168
PT40EMP120-168	Transparent	120-168
P040EMP144-192	Opaque	144-192
PT40EMP144-192	Transparent	144-192

Reference No.	Description	For cabinet
IP40 SURFACE		NO. OF MODULES
P040SUP48-72	Opaque	48-72
PT40SUP48-72	Transparent	48-72
P040SUP72-96	Opaque	72-96
PT40SUP72-96	Transparent	72-96
P040SUP96-120	Opaque	96-120
PT40SUP96-120	Transparent	96-120
P040SUP120-168	Opaque	120-168
PT40SUP120-168	Transparent	120-168
P040SUP144-192	Opaque	144-192
PT40SUP144-192	Transparent	144-192

Reference No.	Description	For cabinet
IP65 SURFACE		NO. OF MODULES
P065SUP48-72	Opaque	48-72
PT65SUP48-72	Transparent	48-72
P065SUP72-96	Opaque	72-96
PT65SUP72-96	Transparent	72-96
P065SUP96-120	Opaque	96-120
PT65SUP96-120	Transparent	96-120
P065SUP120-168	Opaque	120-168
PT65SUP120-168	Transparent	120-168
P065SUP144-192	Opaque	144-192
PT65SUP144-192	Transparent	144-192

MATERIAL: RAL 9003 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
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48445	5-mm double-bit lock (surface)
48446	5-mm double-bit lock (flush-fit)

CHARACTERISTICS: Housing manufactured in RAL 7037 polyamide and latch in steel.
5-mm double-bit key not included.

Locks with key



Ref. 48447

Ref. 48448

Reference No.	Description
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48447	1/4 turn lock with key code 333 (surface)
48448	1/4 turn lock with key code 333 (flush-fit)

CHARACTERISTICS: Housing manufactured in RAL 7037 polyamide and latch in steel.
Aluminium key with code 333 included (1 pc.). (Ref. 48550 for spare).

Wing nut locks



Ref. 48458

Ref. 48459

Ref. 48542

Reference No.	Description
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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).

Keys



Ref. 48550

Ref. 48449

Ref. 48460

Reference No.	Description
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48449	5-mm double-bit key in polyamide
48460	5-mm double-bit key in zamak
48550	1/4 turn key code 333



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