

EFAPEL®

ELECTRICAL SOLUTIONS

6/2023

CATALOGUE
BUROTICA

BUROTICA



WALL SOLUTIONS

Either for flush mounting installation or surface mounting, we have developed standard Work Stations which allow, with their modularity and exchange of customised solutions, a quick and easy adaptation and reconfiguration in any workspace, meeting room or office.

- 4 Workstation Surface Mounting
- 5 Workstation Flush Mounting
- 6 Workstation Flush Mounting with Door



FLOOR SOLUTIONS

In constantly evolving work environments, we have designed solutions for a multiplicity of requirements.

Whether they are solutions for new workspaces or reconfiguration of existing ones.

1

Floor Box

2

Floor Box with Stainless Steel Cover

3

Two-sided Column - Aluminium

4



5



6



OFFICE FURNITURE SOLUTIONS

For office furniture, for an easy and practical access to all your connection and connectivity needs, we provide the Desktop Workstations solution. All like the **BUROTICA** range, they offer ease of installation, versatility and configurability to suit your requirements.

7

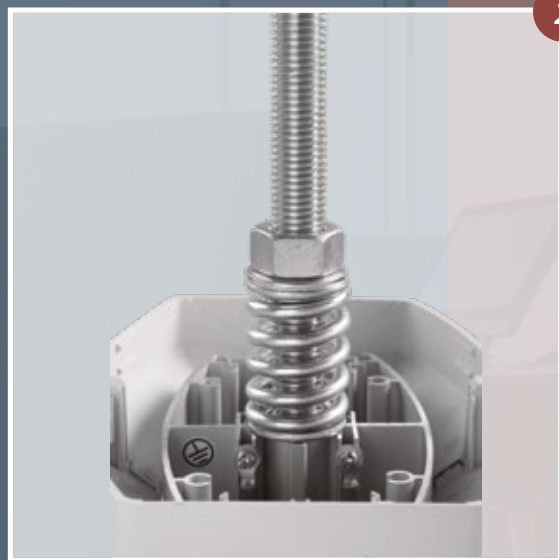
Desktop Workstations

8

Top with Adapter for Desktop Workstations

9

Cable Entry Top for Desktop Workstations



CEILING FASTENER WITH FINE ADJUSTMENT

The columns offer a quick and easy installation solution:

- designed for quick installation;
- ceiling fastener with telescopic support and fine adjustment up to 750 mm;
- fastener surface with special protrusions that guarantee adhesion to ceilings even on uneven surfaces.

DESIGN AND RESISTANCE

Manufactured with an aluminium profile, contemporary design and high resistance:

- aluminium is the basic element and provides high mechanical protection;
- **IK09** degree of mechanical shock protection;
- available in two models of different heights, 2850 mm and 3300 mm, with a locking system of high sustainability.

SIMPLE AND MODULAR CONFIGURATION

Suitable for **MEC Q45** devices:

- simple updating and/or configuration of workspaces with the wide range of semi-assembled mechanisms.
- versatile use of semi-assembled mechanisms, such as 45 ° Schuko sockets, voice and data sockets, in different workspaces.







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BUROTICA Series was designed to meet the constant needs of reconfigurations in workspaces, meeting rooms and offices.







The **BUROTICA** solutions are suitable for **MEC Q45** functions.

FLOOR BOXES

		REF.	COLOUR
	Floor Box - 4 Modules External Dimensions (mm): ø 139 Supplied with separate claws. ■ See Technical Data Sheet - page 12	83002 C	CZ AT BR
	Flush Mounting Box for Floor Box - 4 Modules Supplied with assembled claws.	83052	—
	Floor Box - 16 Modules External Dimensions (mm): 256 x 256 Supplied with assembled claws. ■ See Technical Data Sheet - page 13	83008 C	CZ AT
	Floor Box with Stainless Steel Cover - 16 Modules External Dimensions (mm): 256 x 256 Supplied with assembled claws. ■ See Technical Data Sheet - page 13	83008 C	ZI AI
	Flush Mounting Box for Floor Box - 16 Modules Supplied with Polystyrene Block (REF. 83190).	83058	—
ACCESSORY			
	Polystyrene Block External Dimensions (mm): 240,5 x 240,5 x 65 Applicable in Flush Mounting Box for Floor Box - 16 Modules (REF. 83058).	83190	—

WORKSTATIONS







SURFACE MOUNTING

	Workstation Surface Mounting - 2x4 + 4x4 Modules External Dimensions (mm): 217 x 202 ■ See Technical Data Sheet - page 15	NEW COLOURS	83410 S	
	Workstation Surface Mounting 2x4 External Dimensions (mm): 187 x 172 ■ See Technical Data Sheet - page 16	NEW	83411 S	
	Workstation Surface Mounting 3x4 External Dimensions (mm): 247 x 172 ■ See Technical Data Sheet - page 16	NEW	83412 S	BR BM PM AL
	Workstation Surface Mounting 4x4 External Dimensions (mm): 307 x 172 ■ See Technical Data Sheet - page 16	NEW	83413 S	
	Workstation Surface Mounting 2x4 + 4x4 Modules with 2 Schuko VM + 2 Schuko BR + 2 RJ External Dimensions (mm): 217 x 202 ■ See Technical Data Sheet - page 15		83410 C	
	Workstation Surface Mounting 2x4 + 4x4 Modules with 2 French Socket VM + 2 French Socket + 2 RJ External Dimensions (mm): 217 x 202 ■ See Technical Data Sheet - page 15		83441 C	BR


C - Complete Device; S - Semi-assembled. | CZ - Grey; AT - Anthracite; BR - White; ZI - Grey/Inox; AI - Anthracite/Inox; BM - Matte White; PM - Matte Black; AL - Aluminium.
 Applicable with MEC Q45 devices.

WORKSTATIONS



FLUSH MOUNTING

			REF.	COLOUR
	Workstation Flush Mounting - 2x4 Modules External Dimensions (mm): 185 x 170 See Technical Data Sheet - page 18	NEW COLOURS	83401 S	
	Workstation Flush Mounting - 3x4 Modules External Dimensions (mm): 245 x 170 See Technical Data Sheet - page 18	NEW COLOURS	83402 S	BR BM PM AL
	Workstation Flush Mounting - 4x4 Modules External Dimensions (mm): 305 x 170 See Technical Data Sheet - page 18	NEW COLOURS	83403 S	
	Workstation Flush Mounting 3x4 Modules with 2 Schuko VM + 2 Schuko BR + 2 RJ External Dimensions (mm): 245 x 170 See Technical Data Sheet - page 18		83402 C	
	Workstation Flush Mounting 3x4 Modules with 2 French Socket VM + 2 French Socket + 2 RJ External Dimensions (mm): 245 x 170 See Technical Data Sheet - page 18		83431 C	BR
	Workstation Flush Mounting with Door - 2x8 Modules External Dimensions (mm): 260 x 260 See Technical Data Sheet - page 20		83404 S	

ACCESSORIES

	MODUS 55 Adapter for Workstations		83420	
	Lid for Trunking Access to Workstations Supplied as a Blind Cover of 4 modules.		83421	













DESKTOP WORKSTATIONS

	Desktop Workstation - 8+2 Modules Aluminium. Supplied with 4 Positioners (REF. 45992). Supplied with 1 Blind Cover Plate (REF. 45677 S). See Technical Data Sheet - page 22		83201 S	
	Desktop Workstation - 12+2 Modules Aluminium. Supplied with 6 Positioners (REF. 45992). Supplied with 1 Blind Cover Plate (REF. 45677 S). See Technical Data Sheet - page 22		83202 S	BR

C - Complete Device; S - Semi-assembled. | BR - White; BM - Matte White; PM - Matte Black; AL - Aluminium.
 Applicable with MEC Q45 devices.

DESKTOP WORKSTATIONS





ACCESSORIES

		REF.	COLOUR
	90° Positioner for 2 Modules Applicable with MEC Q45 devices in Desktop Workstations, Minicolumns and Columns. Enables device assembly with 90° rotation.	45992	—
	Top with Adapter for Desktop Workstation - 2 Modules	83230 A	
	Cable Entry Top for Desktop Workstations	83231 A	
	Module for Fast Connector 2P+T - 2 Modules	NEW 45980 S	BR
	Double Module for 2 Fast Connectors 2P+T - 2 Modules	NEW 45981 S	
	Fast Connector 2P+T Male for Wiring ■ See Technical Data Sheet - page 30	NEW 83150	
	Fast Connector 2P+T Female for Wiring ■ See Technical Data Sheet - page 30	NEW 83151	
	Fast Connector 2P+T Male for Panel ■ See Technical Data Sheet - page 30	NEW 83152	PT VM
	Fast Connector 2P+T Female for Panel ■ See Technical Data Sheet - page 30	NEW 83153	
	Derivation 1 Input / 3 Outputs ■ See Technical Data Sheet - page 30	NEW 83154	
	MODUS 55 Adapter for Desktop Workstation, Minicolumns and Columns	NEW 83220	
	Desktop Workstation Fixing Kit	NEW 83234	—





A - Accessory; S - Semi-assembled. | BR - White; PT - Black; VM - Red.
 Applicable with **MEC Q45** devices.

DESKTOP WORKSTATIONS




ACCESSORIES

		REF.	COLOUR
	Cable Gland 3G 1,5 mm	81191	
	Cable Gland 3G 2,5 mm	81192	
	Desktop Workstation Profile Dimension (mm): 2100 Aluminium Supplied with Cover (REF. 83233).	83232	—
	Cover for Profile Dimension (mm): 2100 Aluminium	83233	

MINICOLUMNS

	2-Sided Minicolumn 12+12 Modules Aluminium Height (mm): 340  See Technical Data Sheet - page 25	NEW	83282	
	2-Sided Minicolumn 18+18 Modules Aluminium Height (mm): 480  See Technical Data Sheet - page 25		83281	—
	2-Sided Minicolumn 28+28 Modules Aluminium Height (mm): 710  See Technical Data Sheet - page 25	NEW	83283	



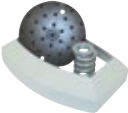





COLUMNS

	2-Sided Column - 2850 mm Aluminium  See Technical Data Sheet - page 27		83282	
	2-Sided Column - 3300 mm Aluminium  See Technical Data Sheet - page 27		83281	—

Applicable with **MEC Q45** devices.

MINICOLUMNS E COLUMNS

ACCESSORIES

		REF.	COLOUR
	<p>MODUS 55 Adapter for Desktop Workstation and Columns</p> <p>NEW</p>	83220	
	<p>90° Positioner for 2 Modules</p> <p>Applicable with MEC Q45 devices in Desktop Workstations, Minicolumns and Columns. Enables device assembly with 90° rotation.</p>	45992	
	<p>Top for Column</p> <p>■ See Technical Data Sheet - page 27</p>	83250 A	
	<p>Base for Column/Minicolumn</p> <p>■ See Technical Data Sheet - page 25 and 27</p>	83251 A	CZ AL
	<p>Top for Minicolumn</p> <p>■ See Technical Data Sheet - page 25</p>	83290 A	
	<p>Screw Rod</p> <p>Dimension (mm): 1000 M16</p>	83252 A	
	<p>Profile for Column/Minicolumn - 2 sides</p> <p>Dimension (mm): 3180</p>	83253	
	<p>Cover for Profile</p> <p>Dimension (mm): 2100 Aluminium</p>	83233	

A - Accessory. | CZ - Grey; AL - Aluminium.

TECHNICAL INFORMATION



DESCRIPTION

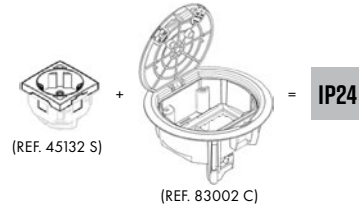


IK08

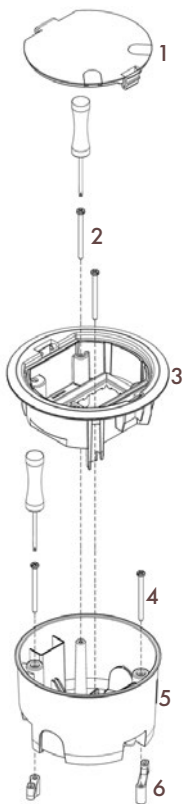
Box for concrete installation through Flush Mounting Boxes (REF. 83052) and on technical floor through claws.

Available in colours **CZ** - Grey, **AT** - Anthracite and **BR** - White.

Applicable with **MEC Q45** devices.



MOUNTING DIAGRAM



1 - Floor Box Cover - 4 Modules.

2 - Self-tapping screw for plastic claw.

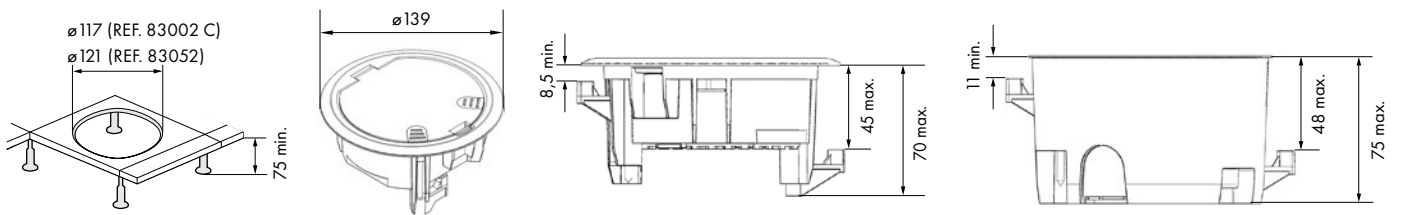
3 - Floor Box - 4 Modules (REF. 83002 C).

4 - Self-tapping screw for plastic claw.

5 - Flush Mounting Box for Floor Box - 4 Modules (REF. 83052).

6 - Plastic claw for Floor Box.

DIMENSIONS (mm)



DESCRIPTION



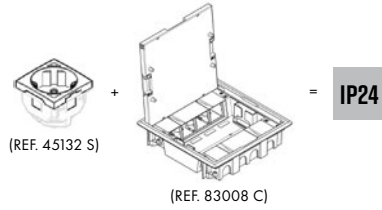
IK10

Box for concrete installation through Flush Mounting Boxes (REF. 83058) and on technical floor through claws.

Available in colours **CZ** - Grey, **AT** - Anthracite.

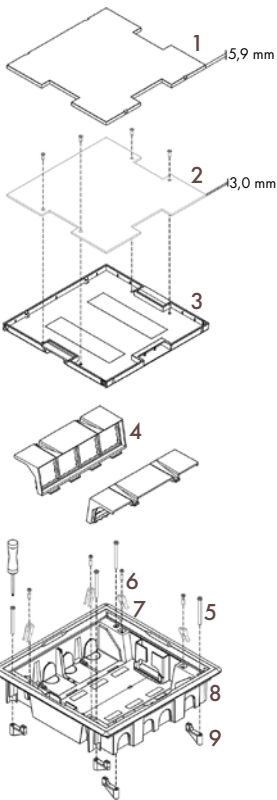
Available with Inox Cover in colours **ZI** - Grey Inox, **AI** - Anthracite Inox.

Applicable with **MEC Q45** devices.

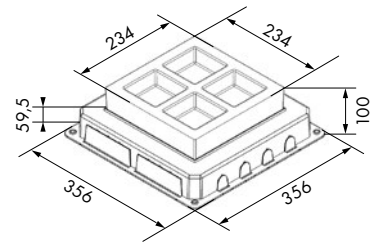


MOUNTING DIAGRAM (CZ | AT)

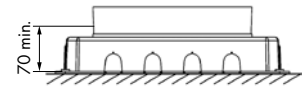
CONCRETE INSTALLATION (mm)



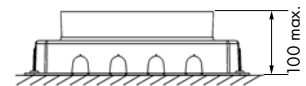
- 1 - Coating for lid - 16 Modules.
- 2 - Reinforcing plate.
- 3 - Floor Box Cover - 16 Modules.
- 4 - Quadruple Adapter **MEC Q45** for Floor Box - 16 Modules (REF. 83008 C).
- 5 - Self-tapping screw for plastic claw.
- 6 - Screw for metallic claw.
- 7 - Metallic claw.
- 8 - Floor Box - 16 Modules (REF. 83008 C).
- 9 - Plastic claw.



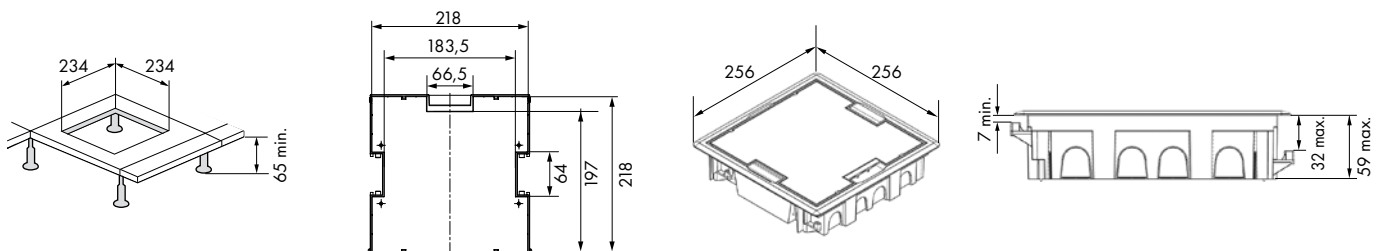
MINIMUM HEIGHT FROM FLOOR (mm)



MAXIMUM HEIGHT FROM FLOOR (mm)



DIMENSIONS (mm)



EN 60670-1; EN 60670-23 STANDARDS

SECTION 7	CLASSIFICATION	FLOOR BOX - 4 E 16 MODULES
7.1	Nature of the material	Insulating
7.2	Type of installation	Embedded, semi-embedded or integrated into combustible walls, ceilings or flooring
		Embedded, semi-embedded or integrated into hollow or partition walls (false ceilings, walls, floors), furniture
		For tunnel type installation during the concrete projection step (7.6)
		Treatment of flooring: in boxes and enclosures for installation in floorings submitted to dry treatment
7.3	Types of inputs (outputs)	With inputs for plain or corrugated pipes
7.4	Means for fixing cables and pipes	Without fixing
7.5	Minimum and maximum temperatures during the installation	-25 °C to +60 °C
7.6	Maximum temperature during the concrete filling step	90 °C
7.8	Means for fixing the devices to the boxes	Boxes designed to enable other means of fixing
7.101	Type of movable cover	Enclosure with removable cover

TESTS - EN 50085-1; EN 50085-2-2 STANDARDS

SECTION 10	CLASSIFICATION	FLOOR BOX - 4 MODULES	FLOOR BOX - 16 MODULES
10.3.2	Impact test of mechanical resistance for installation and application	2 J	5 J
10.3.2	EN 50102 - IK Test	IK08	IK10
10.5.1	IEC 60884-1 – NP 1260 Fixation of low voltage devices - resistance to extraction test	Declared Force of Extraction: 90 N 1,5 x 90 = 135 N	
10.5.103	Resistance to vertical load applied through a small surface area (1 cm ²)	750 N	
10.5.104	Resistance to vertical load applied through a large surface area (diameter of 130 mm)	3000 N	

WORKSTATION SURFACE MOUNTING 2X4 + 4X4 MODULES (REF. 83410 S)

DESCRIPTION

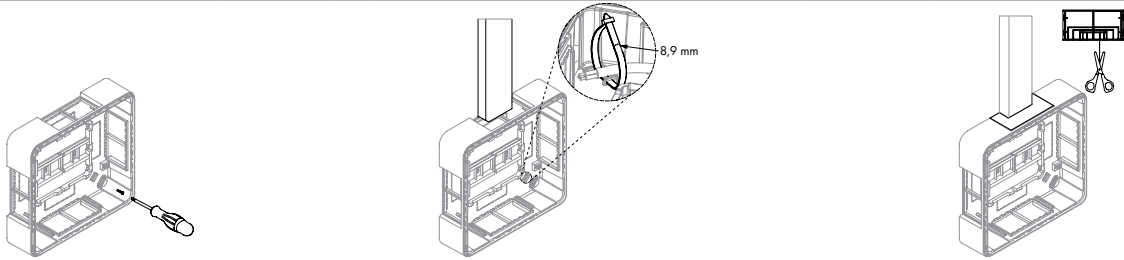


Workstation for Surface Mounting in masonry.

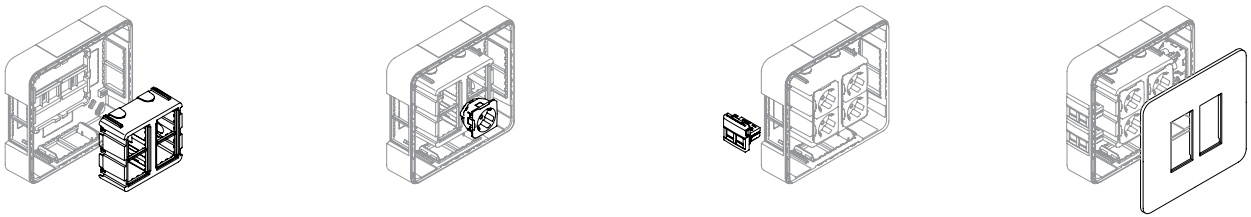
Available in colours **BR** - White, **BM** - Matte White, **PM** - Matte Black, **AL** - Aluminium.

Applicable with **MEC Q45** devices.

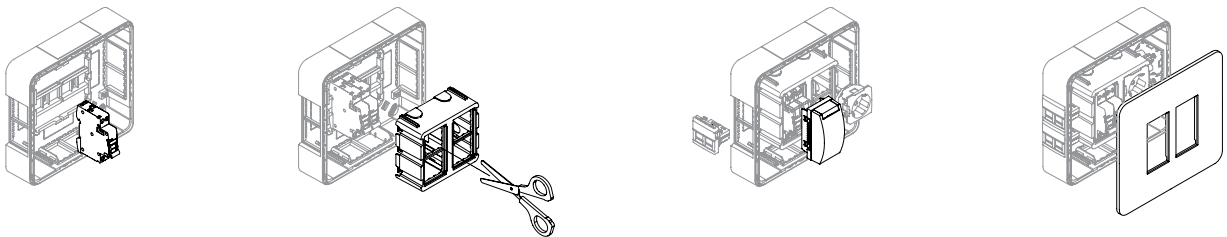
INSTALLATION



INSTALLATION WITH MEC Q45 DEVICES



INSTALLATION WITH MODUS 55



DIMENSIONS (mm)



DESCRIPTION



Workstation for Surface Mounting in masonry.

Available in colours **BR** - White, **BM** - Matte White, **PM** - Matte Black, **AL** - Aluminium.

Applicable with **MEC Q45** devices.

INSTALLATION



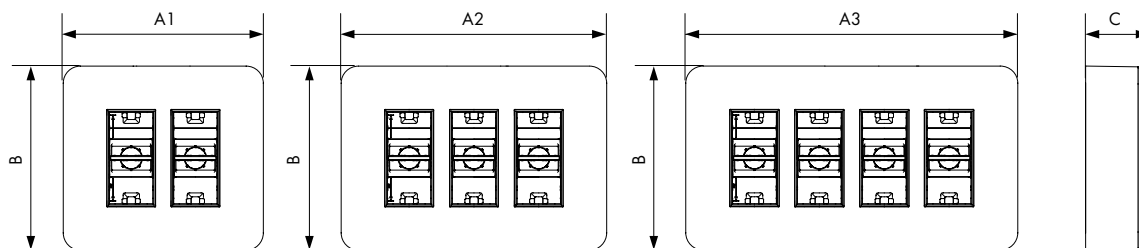
INSTALLATION WITH MEC Q45 DEVICES



INSTALLATION WITH MODUS 55



DIMENSIONS (mm)



A1	A2	A3	B	C
187 mm	247 mm	307 mm	172 mm	60 mm

EN 60670-1; EN 60670-24 STANDARDS

SECTION 7	CLASSIFICATION	WORKSTATIONS SURFACE MOUNTING
7.1	Nature of the material	Insulating
7.2	Type of installation	Surface mounting on: - non-combustible walls, ceilings or furniture; - combustible walls, ceilings or furniture.
7.3	Types of inputs (outputs)	Without inputs Input openings are made during installation
7.4	Means for fixing cables and pipes	With cable retention
7.5	Minimum and maximum temperatures during the installation	-5 °C to +60 °C
7.8	Means for fixing the devices to the boxes	Boxes designed to enable other means of fixing
7.102	Enclosure	Enclosure PD (for predetermined equipment)
	Degree of protection of the enclosure: IP3XC Impact test: IK07	
	The maximum permissible load within the enclosure 2x4 + 4x4 is 1,4 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	The maximum permissible load within the enclosure 2x4 is 1,4 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	The maximum permissible load within the enclosure 3x4 is 2,1 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	The maximum permissible load within the enclosure 4x4 is 2,8 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	Rated Voltage - 250 V ~ Rated Current - 63 A	

INFORMATION

ANNEX BB		
BB3	Devices to be integrated in the enclosure by the installer	The devices integrated in the enclosure by the installer shall comply with their applicable product standards, (e.g. 1 MCB shall comply with IEC 60898-1, 1 RCCB shall comply with IEC 61008-1 and 1 RCBO shall comply with IEC 61009-1). The sockets shall comply with IEC 60884-1 and have safety shutters (Ref. 45132 S, 45112 S). Compatible with devices 45x45 - MEC Q45 .
BB5	Connections	Terminals must be used in accordance with the standard EN 60998-2-1.
BB6	Protection against electric shock	Active parts shall remain inaccessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP3X.
BB8	Wiring	The installation must ensure that the internal wiring shall be such that minimum creepage distances between live parts and metallic accessible or non-accessible parts are not less than 3 mm. The cross-sections of conductors shall be in accordance with the wiring installation rules

IEC 60884-1; NP 1260-1 STANDARDS

SECTION 9		
9.4	Fixing of low voltage devices	90 N x 1,5 = 135 N

DESCRIPTION

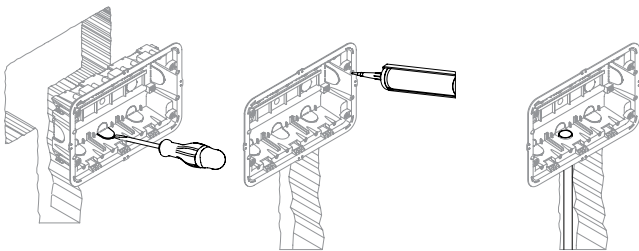


Workstation for installation in masonry or in hollow walls by using claws.

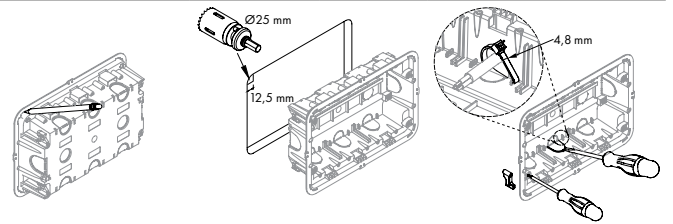
Available in colours **BR** - White, **BM** - Matte White, **PM** - Matte Black, **AL** - Aluminium.

Applicable with **MEC Q45** devices.

INSTALLATION IN MASONRY



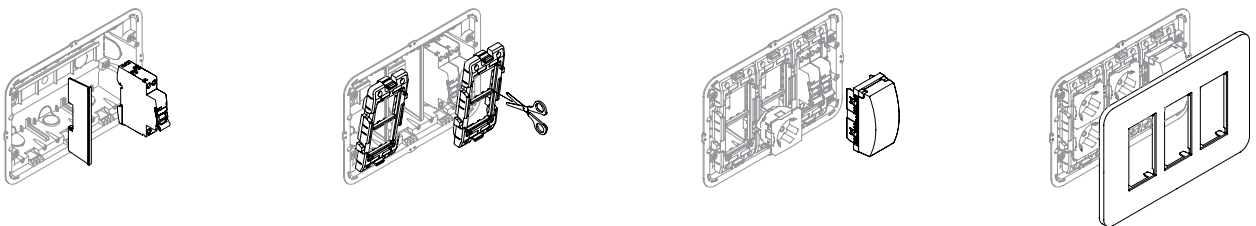
INSTALLATION IN HOLLOW WALLS



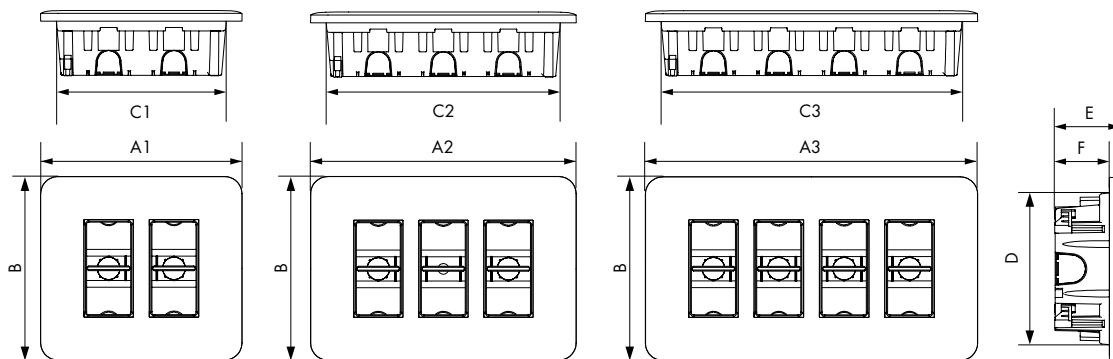
INSTALLATION WITH MEC Q45 DEVICES



INSTALLATION WITH MODUS 55



DIMENSIONS (mm)



A1	A2	A3	B	C1	C2	C3	D	E	F
185 mm	245 mm	305 mm	170 mm	157 mm	217 mm	277 mm	142 mm	60 mm	50 mm

EN 60670-1; EN 60670-24 STANDARDS

SECTION 7	CLASSIFICATION	WORKSTATIONS FLUSH MOUNTING
7.1	Nature of the material	Insulating
7.2	Type of installation	Embedded, semi-embedded or integrated: non-combustible walls or ceilings; combustible walls or ceilings; hollow or partition walls (false ceilings, walls), furniture.
7.3	Types of inputs (outputs)	With inputs for plain or corrugated pipes
7.4	Means for fixing cables and pipes	With cable retention
7.5	Minimum and maximum temperatures during the installation	-5 °C to +60 °C
7.7	Boxes or enclosures for hollow or partition walls, classified according to 7.2.1.3	Degree of protection of the enclosure: IP3XC
7.8	Means for fixing the devices to the boxes	Boxes designed to enable other means of fixing
7.102	Enclosure	Enclosure PD (for predetermined equipment)
	Resistance of the enclosure embedded area (back box) to the glow-wire test a 850 °C	
	Impact test - IK07	
	The maximum permissible load within the enclosure 2x4 is 1,4 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	The maximum permissible load within the enclosure 3x4 is 2,1 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	The maximum permissible load within the enclosure 4x4 is 2,8 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	Rated Voltage - 250 V ~ Rated Current - 63 A	

INFORMATION

ANNEX BB		
BB3	Devices to be integrated in the enclosure by the installer	The devices integrated in the enclosure by the installer shall comply with their applicable product standards, (e.g. 1 MCB shall comply with IEC 60898-1, 1 RCCB shall comply with IEC 61008-1 and 1 RCBO shall comply with IEC 61009-1). The sockets shall comply with IEC 60884-1 and have safety shutters (Ref. 45132 S, 45112 S). Compatible with devices 45x45- MEC Q45 .
BB5	Connections	Terminals must be used in accordance with the standard EN 60998-2-1.
BB6	Protection against electric shock	Active parts shall remain inaccessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP3X.
BB8	Wiring	The installation must ensure that the internal wiring shall be such that minimum creepage distances between live parts and metallic accessible or non-accessible parts are not less than 3 mm. The cross-sections of conductors shall be in accordance with the wiring installation rules

EN 50085-1 STANDARD

SECTION 9		
9.4	Screwed mechanical connections	0,8 Nm

IEC 60884-1; NP 1260-1 STANDARDS

SECTION 9		
9.4	Fixing of low voltage devices	90 N x 1,5 = 135 N

WORKSTATION FLUSH MOUNTING WITH DOOR 2X8 MODULES (REF. 83404 S)

DESCRIPTION

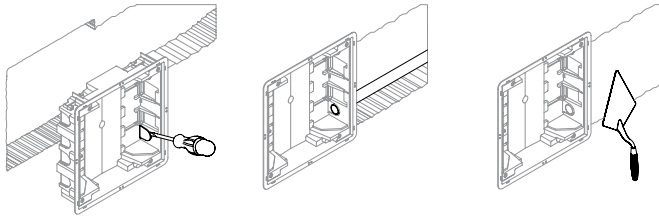


Workstation for installation in masonry or in hollow walls by using claws.

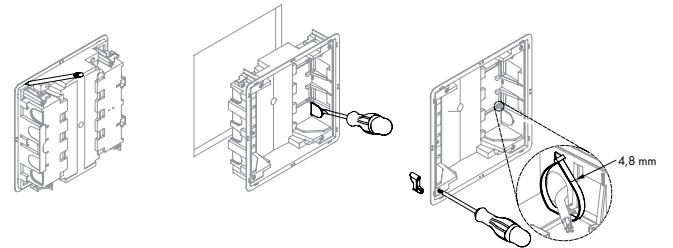
Available in colour **BR** - White.

Applicable with **MEC Q45** devices.

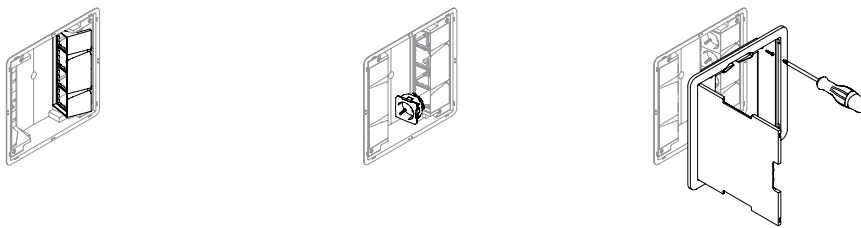
INSTALLATION IN MASONRY



INSTALLATION IN HOLLOW WALLS



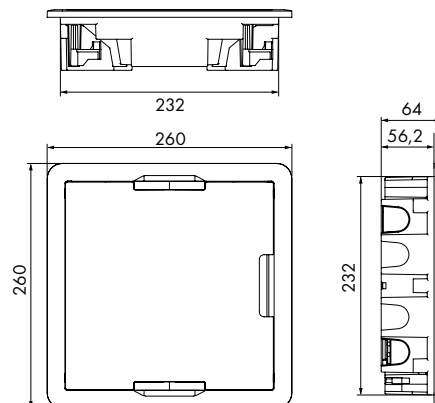
INSTALLATION WITH MEC Q45 DEVICES



INSTALLATION WITH MODUS 55



DIMENSIONS (mm)



EN 60670-1; EN 60670-24 STANDARDS

SECTION 7	CLASSIFICATION	WORKSTATION FLUSH MOUNTING WITH DOOR
7.1	Nature of the material	Insulating
7.2	Type of installation	Embedded, semi-embedded or integrated: non-combustible walls or ceilings; combustible walls or ceilings; hollow or partition walls (false ceilings, walls), furniture..
7.3	Types of inputs (outputs)	With inputs for plain or corrugated pipes
7.4	Means for fixing cables and pipes	With cable retention
7.5	Minimum and maximum temperatures during the installation	-5 °C to +60 °C
7.7	Boxes or enclosures for hollow or partition walls, classified according to 7.2.1.3	Degree of protection of the enclosure: IP3XC
7.8	Means for fixing the devices to the boxes	Boxes designed to enable other means of fixing
7.102	Enclosure	Enclosure PD (for predetermined equipment)
	Resistance of the enclosure embedded area (back box) to the glow-wire test a 850 °C	
	Impact test - IK07	
	The maximum permissible load within the enclosure is 1,4 Kg (The maximum load was verified by the maximum weight of the MCB applied and with an increase of 1.5)	
	Rated Voltage - 250 V ~ Rated Current - 63 A	

INFORMATION

ANNEX BB		
BB3	Devices to be integrated in the enclosure by the installer	The devices integrated in the enclosure by the installer shall comply with their applicable product standards, (e.g. 1 MCB shall comply with IEC 60898-1, 1 RCCB shall comply with IEC 61008-1 and 1 RCBO shall comply with IEC 61009-1). The sockets shall comply with IEC 60884-1 and have safety shutters (Ref. 45132 S, 45112 S). Compatible with devices 45x45- MEC Q45 .
BB5	Connections	Terminals must be used in accordance with the standard EN 60998-2-1.
BB6	Protection against electric shock	Active parts shall remain inaccessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP3X.
BB8	Wiring	The installation must ensure that the internal wiring shall be such that minimum creepage distances between live parts and metallic accessible or non-accessible parts are not less than 3 mm. The cross-sections of conductors shall be in accordance with the wiring installation rules

EN 50085-1 STANDARD

SECTION 9		
9.4	Screwed mechanical connections	0,8 Nm

IEC 60884-1 NP 1260 STANDARDS

SECTION 9		
9.4	Fixing of low voltage devices	90 N x 1,5 = 135 N

DESCRIPTION

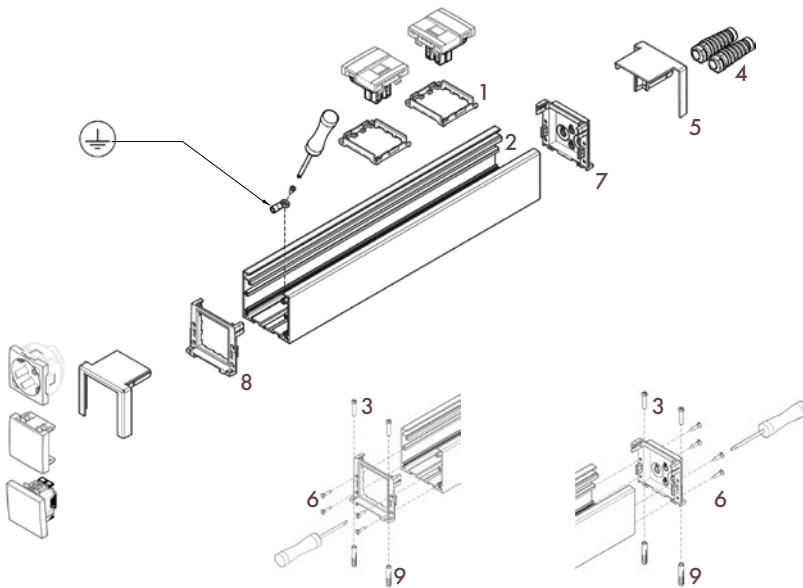


IK09

It can be attached to a desk, wall, DIN rail or to other location.

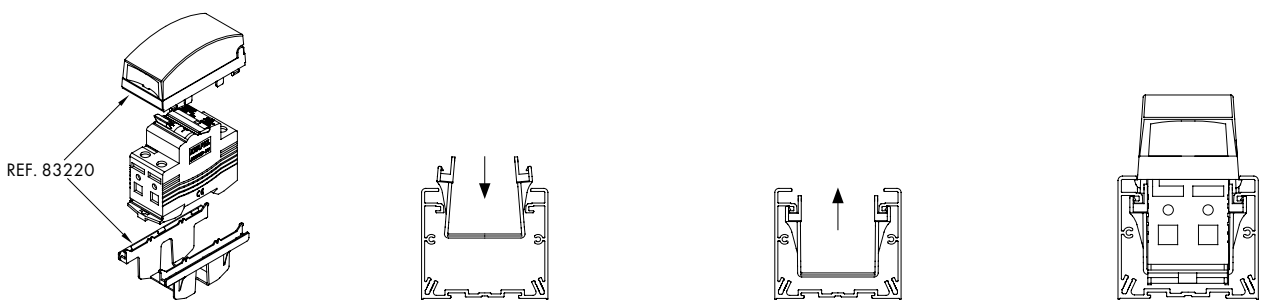
Applicable with **MEC Q45** devices.

MOUNTING DIAGRAM

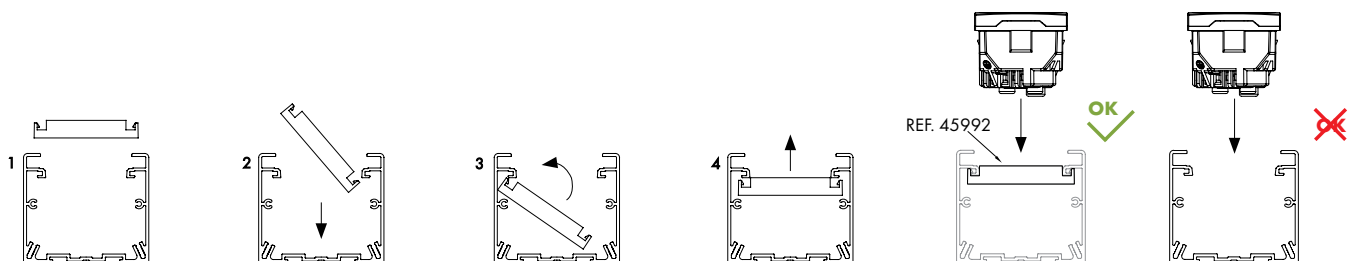


- 1 - 90° Positioner (REF. 45992).
- 2 - Desktop Workstation Profile.
- 3 - Screws for fastening desktops tops to the floor.
- 4 - Cable Glands (REF. 81191 and REF. 81192).
- 5 - Frame of the Desktop Workstation tops.
- 6 - Screws for fastening desktops tops to the block.
- 7 - Desktop Workstation Top.
- 8 - Desktop Workstation Top - fitting for **MEC Q45**.
- 9 - Plastic fittings.

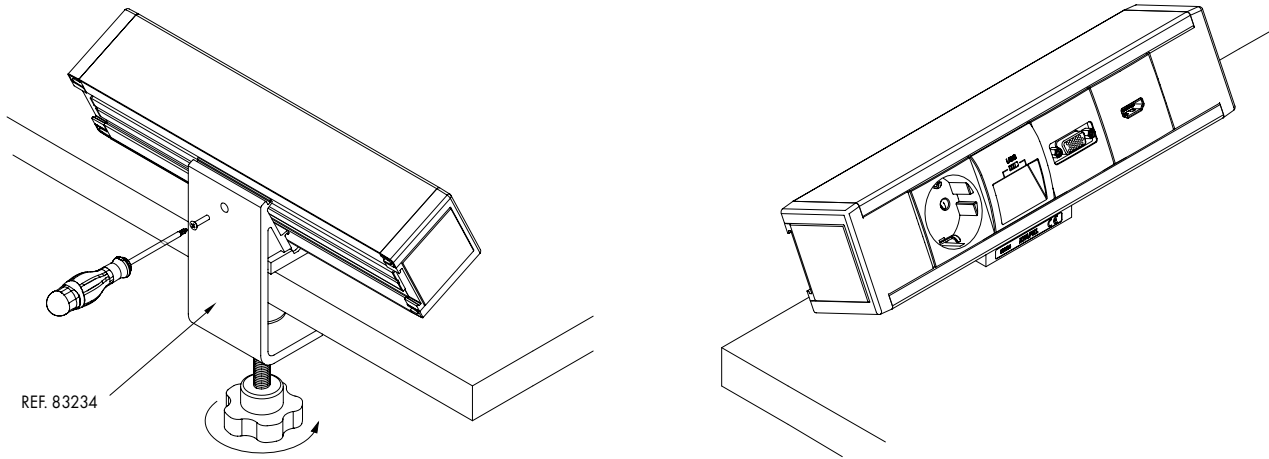
REF. 83220 - MOUNTING DIAGRAM



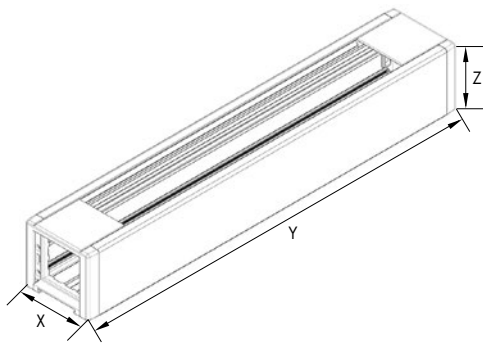
REF. 45992 - MOUNTING DIAGRAM



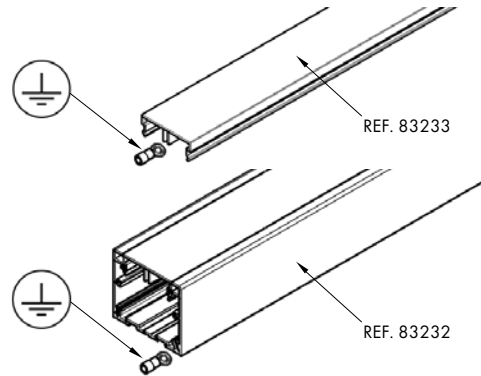
REF. 83234 - MOUNTING DIAGRAM



DIMENSIONS (mm)

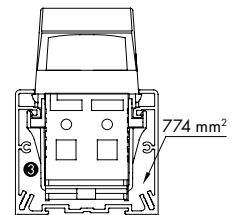
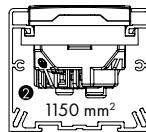
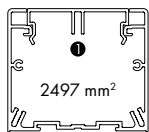


	X	Y	Z
REF. 83201 S (8 + 2 Mod.)	62,0 mm	269,5 mm	54,5 mm
REF. 83202 S (12 + 2 Mod.)	62,0 mm	360,5 mm	54,5 mm



REF. 83233	2000 mm
REF. 83232	2000 mm

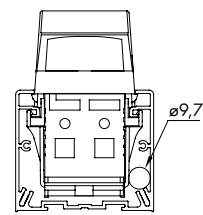
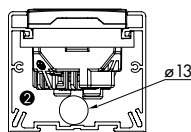
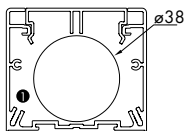
SECTION



REFs. 83232, 83201 S, 83202 S + 45132 S

REFs. 83232, 83201 S, 83202 S + 55316 6BY

MAXIMUM DIAMETER AVAILABLE (mm)



REFs. 83232, 83201 S, 83202 S + 45132 S

REFs. 83232, 83201 S, 83202 S + 55316 6BY

PROFILE SELECTION

PROFILE CHARACTERISTICS

INSULATED CABLES CAPACITY

REF.	Section	Internal Section (S)	Available Section (Su)	Max ø Available (mm)	Max. Nr. Conductors H07 V-U			
		(mm ²)	(S/1,4) (mm ²)		1,5mm ²	2,5mm ²	4mm ²	6mm ²
Profile and Desktop Workstations 83232 83201 S 83202 S	①	2497	1784	38	223	149	119	89
Profile and Desktop Workstations with MEC Q45 Socket 83232 83201 S 83202 S + 45132 S	②	1150	821	13	103	68	55	41
Profile and Desktop Workstations with RCBO 83232 83201 S 83202 S + 55316 6BY	③	774	552	9,7	69	45	36	27

EN 5085-2-1 STANDARD

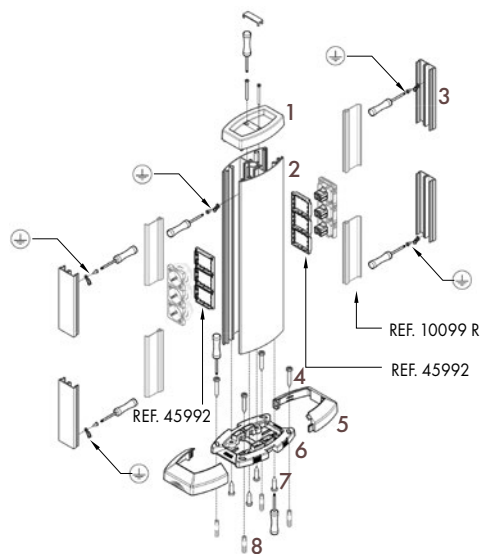
SECTION 6	CLASSIFICATION	DESKTOP WORKSTATIONS
6.2	Resistance to impact for installation and application	10 J
6.3	Minimum storage and transport temperature	-45 °C
6.3	Minimum installation and operation temperature	-25 °C
6.3	Maximum operation temperature	60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity	With electrical continuity $1,5 \times 10^{-4} \Omega/m$
6.6	Electrical insulation	Without electrical insulation
6.7	Protection degree provided by the enclosure	IP30
6.8	Protection against corrosive or polluting substances	Medium protection outside and inside
6.9	Access system to the retention of the cover	The cover can only be removed with a tool
6.10	Electrical protective separation	Without electrical protective partition (divider)
6.101	Installation positions	Surface mounting, fixed to a wall or ceiling
6.102	Prevention of contact between liquids and insulated conductors and live parts in case of assembly on skirting and on wet floor	Not declared
6.103	Type	3 (installation)
	Rated Voltage	500 V~

DESCRIPTION



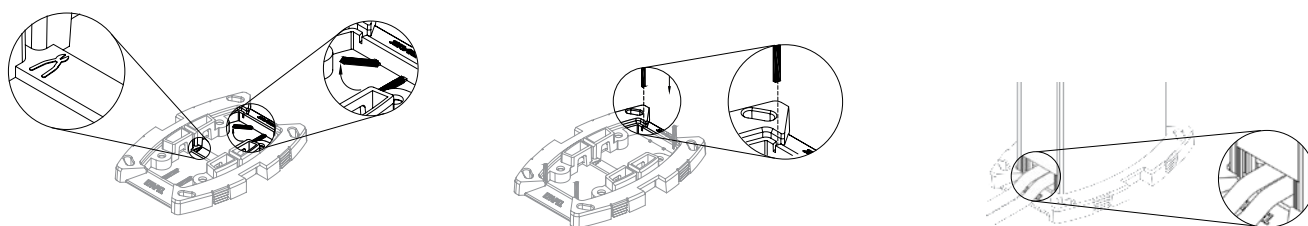
Enables the placement of all the interconnection points (energy and communication) next to the workstation.
Applicable with **MEC Q45** devices.

MOUNTING DIAGRAM

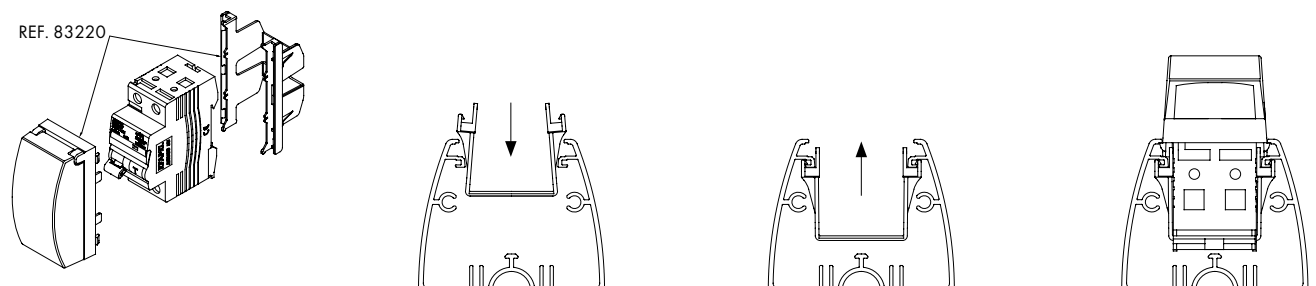


- 1 - Top for Minicolumn (REF. 83290 A).
- 2 - Minicolumn Profile (REF. 83253).
- 3 - Cover of Minicolumn (REF. 83233).
- 4 - Screws to fix base of Minicolumn to ground.
- 5 - Frame of Minicolumn.
- 6 - Base of Minicolumn (REF. 83251 A).
- 7 - Screws to fix Minicolumn to base.
- 8 - Plastic fittings.

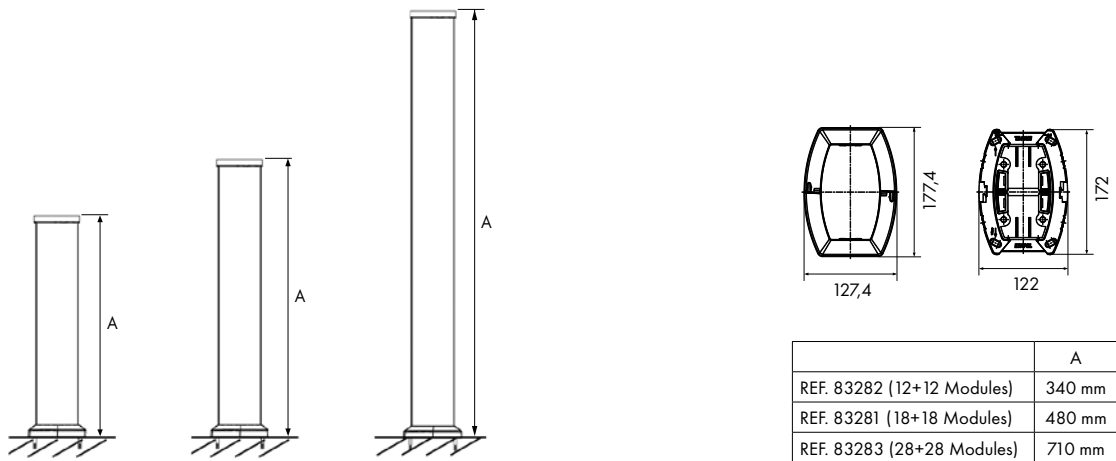
REF. 83251 A - MOUNTING DIAGRAM



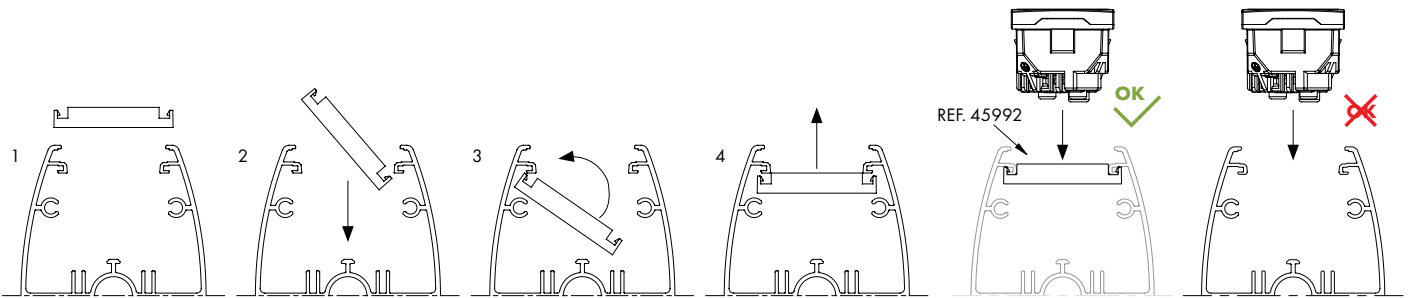
REF. 83220 - MOUNTING DIAGRAM



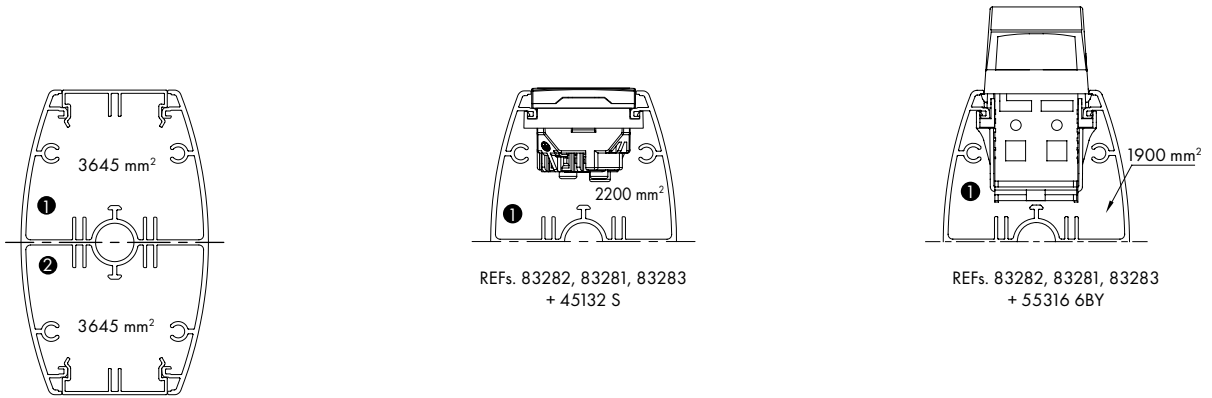
DIMENSIONS (mm)



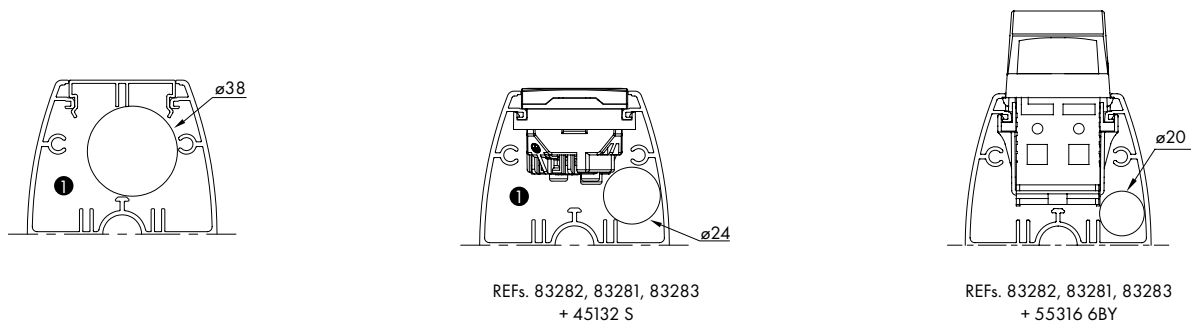
REF. 45992 - MOUNTING DIAGRAM



SECTION



MAXIMUM DIAMETER AVAILABLE (mm)



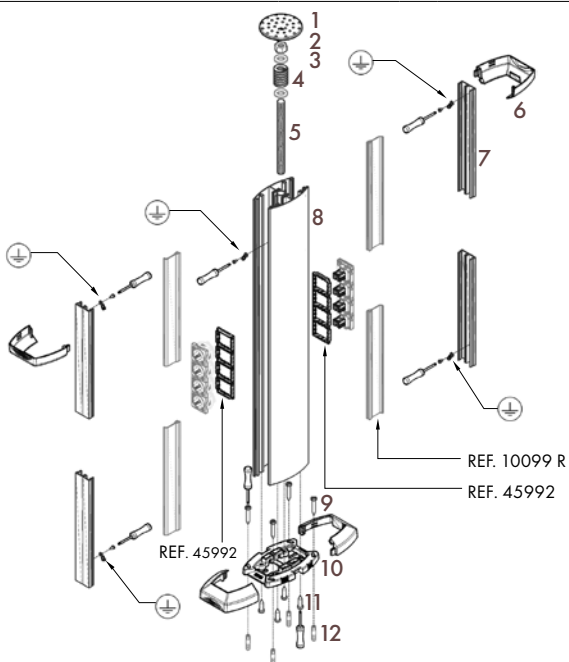
DESCRIPTION



Allows the power supply and the passage of cables between the ceiling and the floor.

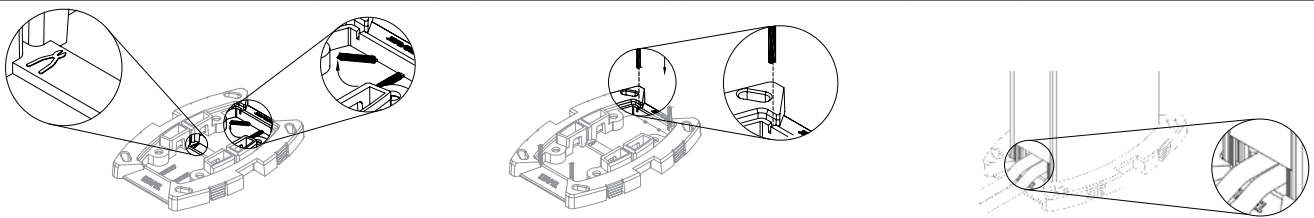
Applicable with **MEC G45** devices.

MOUNTING DIAGRAM

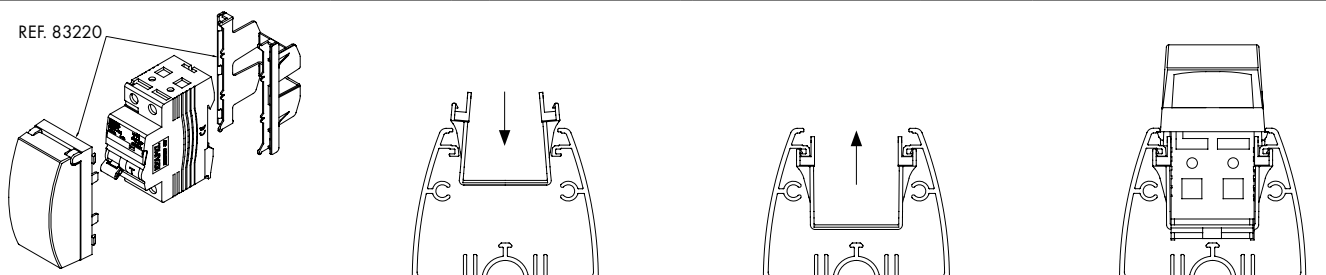


- 1 - Ceiling fixing device.
- 2 - Hexagon Nut M16x13.
- 3 - Ring M16x13.
- 4 - Spring.
- 5 - Screw Rod M16x1000 (REF. 83252 A).
- 6 - Column Frame.
- 7 - Column Cover (REF. 83233).
- 8 - Column Profile (REF. 83253).
- 9 - Screws to fix the base of the Column to the ground.
- 10 - Column Base (REF. 83251 A).
- 11 - Screws to fix the Column to the base.
- 12 - Plastic fittings.

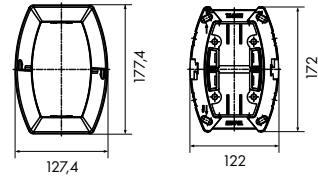
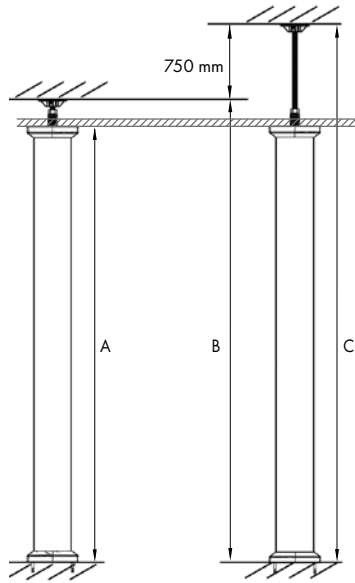
REF. 83251 A - MOUNTING DIAGRAM



REF. 83220 - MOUNTING DIAGRAM

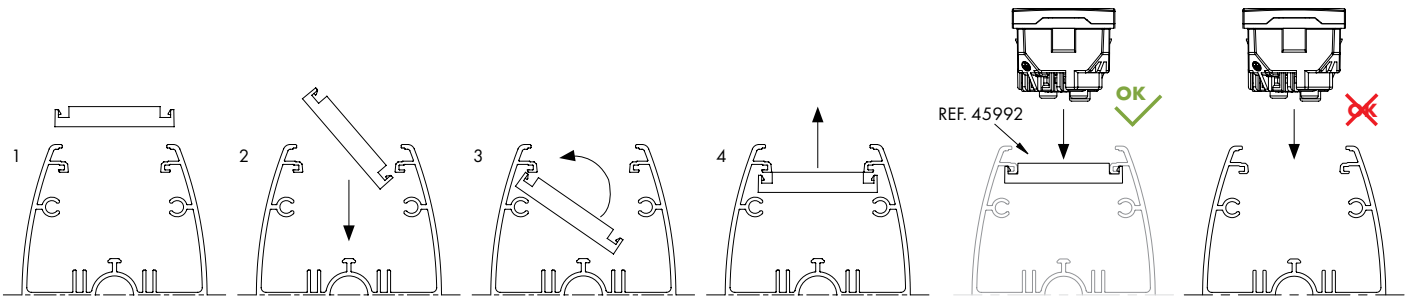


DIMENSIONS (mm)

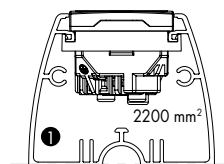
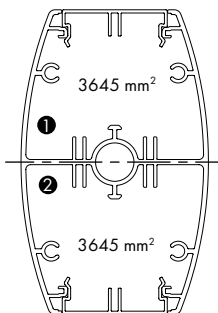


	A	B	C
REF. 83241	2730 mm	2850 mm	3600 mm
REF. 83242	3180 mm	3300 mm	4050 mm

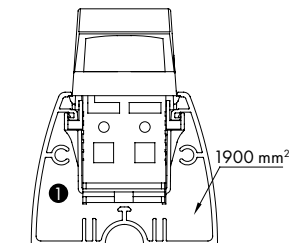
REF. 45992 - MOUNTING DIAGRAM



SECTION

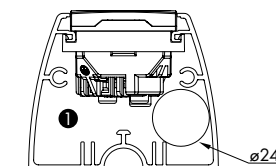
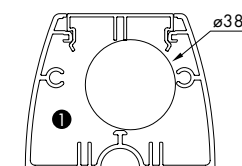


REFs. 83241, 83242
+ 45132 S

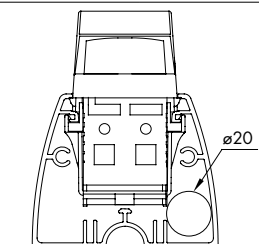


REFs. 83241, 83242
+ 55316 6BY

MAXIMUM DIAMETER AVAILABLE (mm)



REFs. 83241, 83242
+ 45132 S



REFs. 83241, 83242
+ 55316 6BY

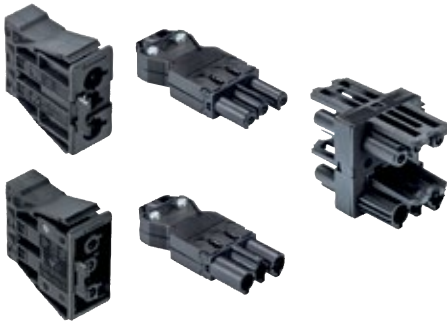
PROFILE SELECTION
PROFILE CHARACTERISTICS
INSULATED CABLES CAPACITY

REF.	Section	Internal Section (S)	Available Section (Su)	Max ø Available (mm)	Max. Nr. Conductors H07 V-U			
		(mm ²)	(S/1,4) (mm ²)		1,5mm ²	2,5mm ²	4mm ²	6mm ²
Minicolumns and Columns 83282 83281 83283 83241 83242	①	3645	2604	38	325	217	174	130
	②							
Minicolumns and Columns with MEC Q45 Socket 83282 83281 83283 83241 83242 + 45132 S	①	2200	1571	24	196	131	105	79
	②							
Minicolumns and Columns with RCBO 83282 83281 83283 83241 83242 + 55316 6BY	①	1900	1357	20	170	113	90	67
	②							

EN 50085-2-1 STANDARD

SECTION 6	CLASSIFICATION	MINICOLUMNS AND COLUMNS
6.2	Resistance to impact for installation and application	10 J
6.3	Minimum storage and transport temperature	-45 °C
6.3	Minimum installation and operating temperature	-25 °C
6.3	Maximum operating temperature	60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity	With electrical continuity $5 \times 10^{-5} \Omega/m$
6.6	Electrical insulation	Without electrical insulation
6.7	Protection degree provided by the enclosure	IP31
6.8	Protection against corrosive or polluting substances	Medium protection outside and inside
6.9	Access system to the retention of the cover	The cover can only be removed with a tool
6.10	Electrical protective separation	Without electrical protective partition (divider)
6.101	Type of floor	Dry floor
6.102	1000 N	
6.103	5000 N	
	Rated Voltage	500 V ~

DESCRIPTION



Fast Connectors 2P+T to supply the Desktop Workstations.

To be used with Modules in REF. 45980 SBR and REF. 45981 SBR.

Available in colours **PT** - Black, **VM** - Red.

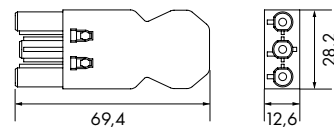
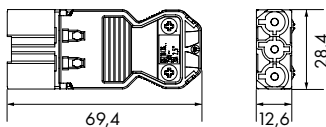
TECHNICAL CHARACTERISTICS

	83150 PT	83150 VM	83151 PT	83151 VM	83152 PT	83152 VM	83153 PT	83153 VM	83154 PT	83154 VM
Rated Current	20 A									
Rated Voltage	250 V ~									
Colour	Black	Red	Black	Red	Black	Red	Black	Red	Black	Red
Pole marking	L, N, PE									
Rigid section (Min. / Max.)	0,75 mm ² / 2,5 mm ²				0,5 mm ² / 2,5 mm ²				-	-
Flexible section (Min. / Max.)	0,75 mm ² / 2,5 mm ²				0,5 mm ² / 1,5 mm ²				-	-
Cable diameter (Min. / Max.)	6,5 mm / 10,5 mm				-				-	-
Number of terminals per pole	2								-	-
Connector type	Male	Male	Female	Female	Male	Male	Female	Female	-	-
Connection type	Screw				Fast					
Connection angle	Right								-	-
Connection fixation	Fitting									
Inputs Number	1									
Outputs Number									1	3
Distribution type									-	H

DIMENSIONS (mm)

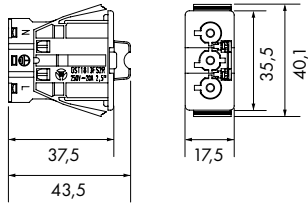
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REF. 83151

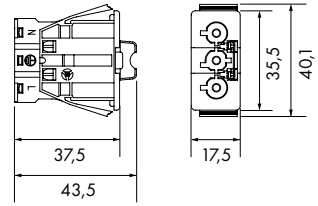


DIMENSIONS (mm)

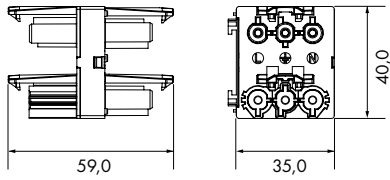
REF. 83152



REF. 83153



REF. 83154

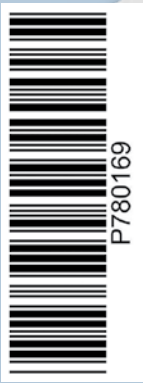




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