

Columns

Description



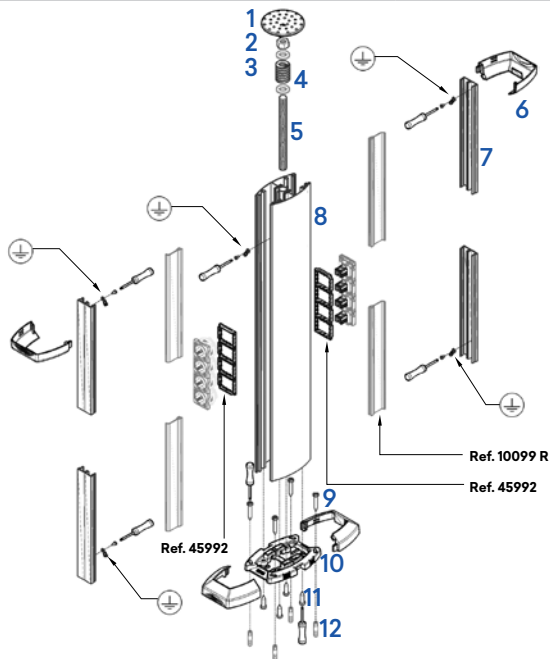
IK09

Ref. 83241 | 83242 | 83253

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

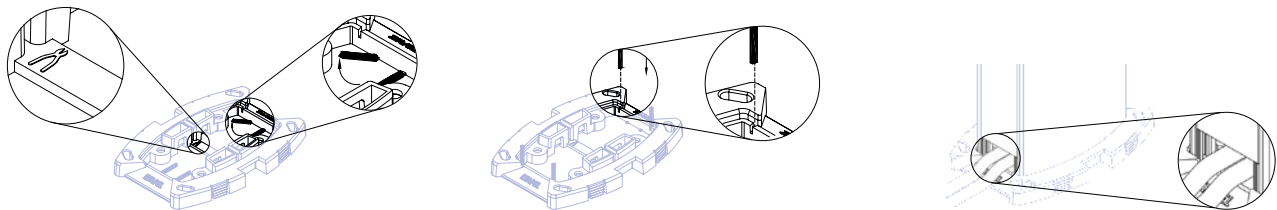
Applicable with **MEC Q45** devices.

Mounting Diagram

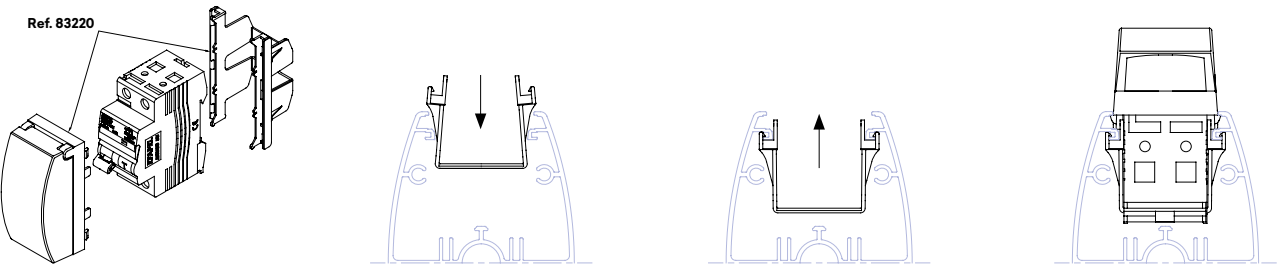


- 1 - Ceiling fixing device.
- 2 - Hexagon nut M16x13.
- 3 - Ring M16x13.
- 4 - Spring.
- 5 - Screw Rod M16x1000 (Ref. 83252 A).
- 6 - Column Frame.
- 7 - Column Cover (Ref. 83233).
- 8 - Column Profile (Ref. 83253).
- 9 - Screws to fix the base of the Column to the ground.
- 10 - Column Base (Ref. 83251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

Ref. 83251 A - Mounting Diagram

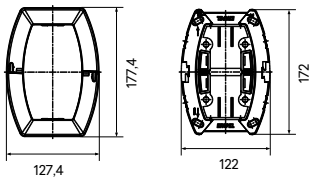
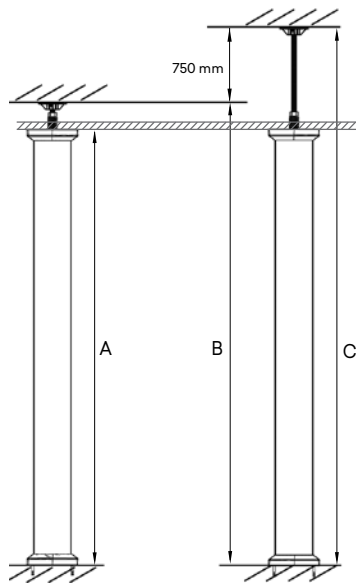


Ref. 83220 - Mounting Diagram



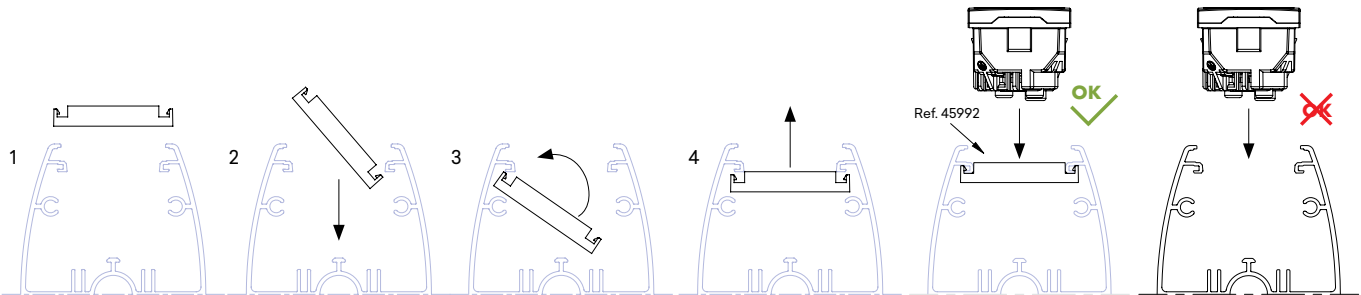
Columns

Dimensions (mm)

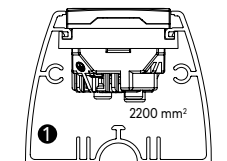
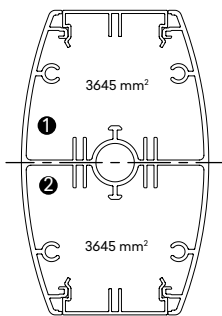


Reference	A	B	C
83241	2730 mm	2850 mm	3600 mm
83242	3180 mm	3300 mm	4050 mm

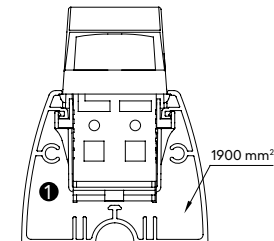
Ref. 45992 - Mounting Diagram



Maximum Section

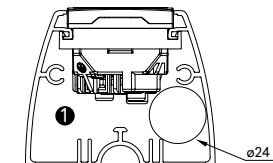
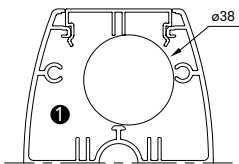


Refs. 83241, 83242
+ 45132 S

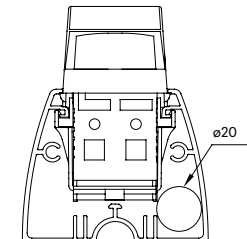


Refs. 83241, 83242
+ 55316 6BY

Maximum Diameter Available (mm)



Refs. 83241, 83242
+ 45132 S



Refs. 83241, 83242
+ 55316 6BY

Minicolumns and Columns

Profile Selection

Reference	Section	Profile Characteristics		Insulated Cables Capacity				
		Internal Section (S)	Available Section (Su)	Max ø Available	Max. Nr. Conductors H07 V-U			
		(mm²)	(S/1,4) (mm²)	(mm)	1,5mm²	2,5mm²	4mm²	6mm²
Minicolumns and Columns 83282 83281 83283 83241 83242 83253	①	3645	2604	38	325	217	174	130
	②							
Minicolumns and Columns with MEC Q45 Socket 83282 83281 83283 83241 83242 + 45132 S 83253	①	2200	1571	24	196	131	105	79
	②							
Minicolumns and Columns with ROBO 83282 83281 83283 83241 83242 + 55316 6BY 83253	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 stock and transport temperature	-45 °C
6.3	Minimum installation and operation temperature	-25 °C
6.3	Maximum operation temperature	60 °C
6.4	Flame propagation resistance	Non-flame propagation
6.5	Electrical continuity	With electrical continuity $5 \times 10^{-5} \Omega/m$
6.6	Electrical insulation characteristics	Without Electrical insulation characteristics
6.7	Protection degree provided by the enclosure	IP31
6.8	Protection against corrosive or polluting substances	With medium protection outside and inside
6.9	Access system to the retention of the cover	The cover can only be opened 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 ~