

Minicolumns

Description

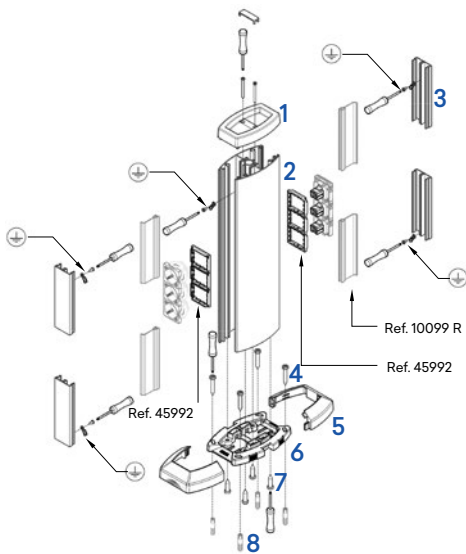


Ref. 83282 | 83281 | 83283

Enables the placement of all the interconnection points (energy and communication) next to the workstation.

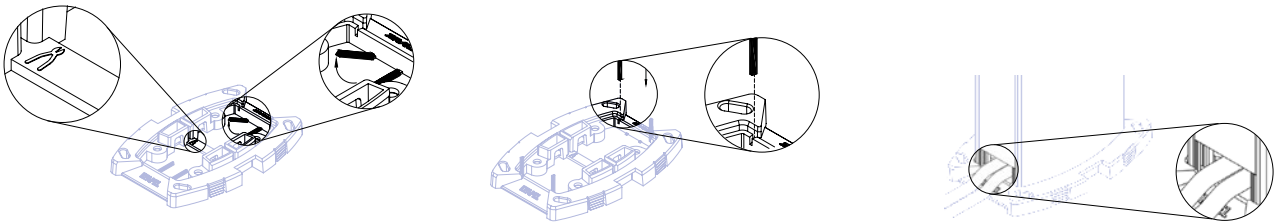
Applicable with **MEC Q45** devices.

Mounting Diagram

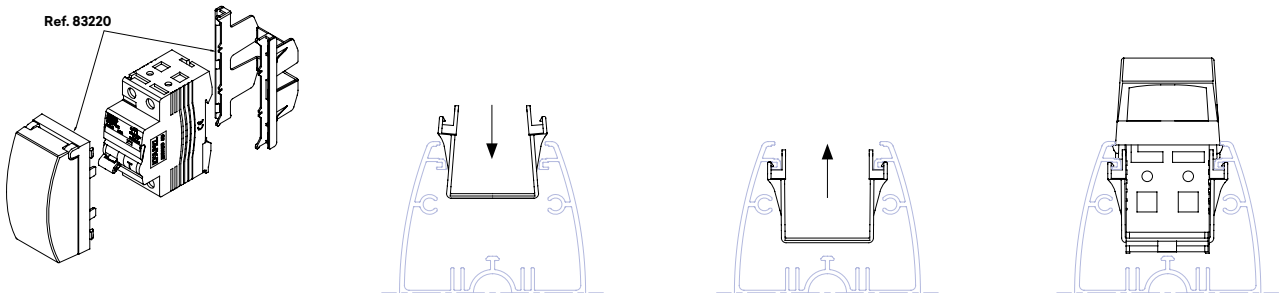


- 1 - Top for Minicolumn (Ref. 83290 A).
- 2 - Minicolumn Profile (Ref. 83253).
- 3 - Cover of Minicolumn (Ref. 83233).
- 4 - Screws to fix base of Minicolumn to the ground.
- 5 - Frame of Minicolumn.
- 6 - Base of Minicolumn (Ref. 83251 A).
- 7 - Screws to fix Minicolumn to the base.
- 8 - Plastic fittings.

Ref. 83251 A - Mounting Diagram

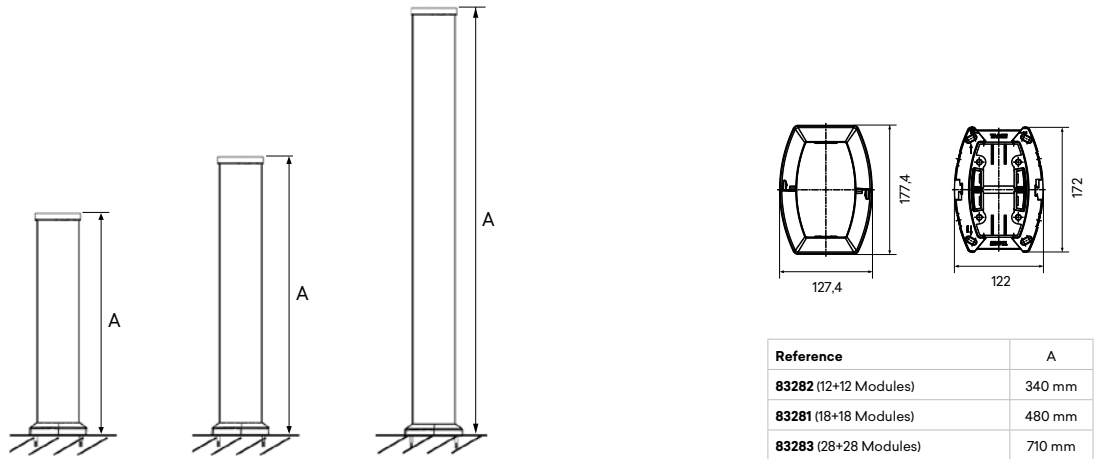


Ref. 83220 - Mounting Diagram

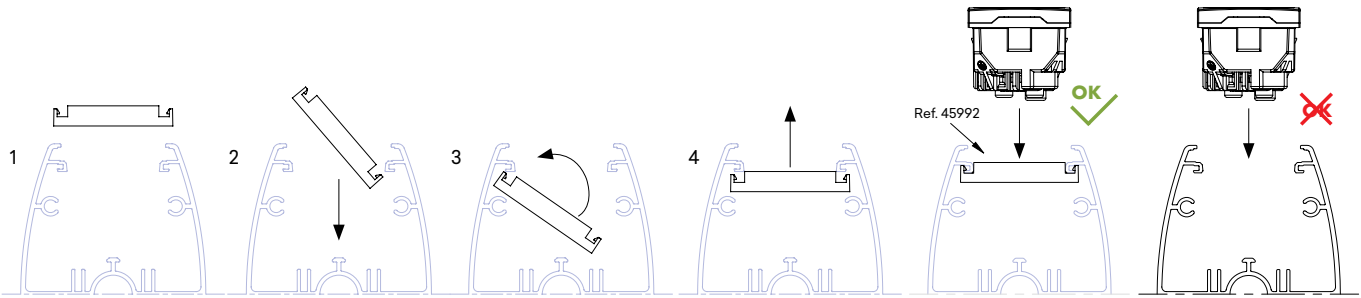


Minicolumns

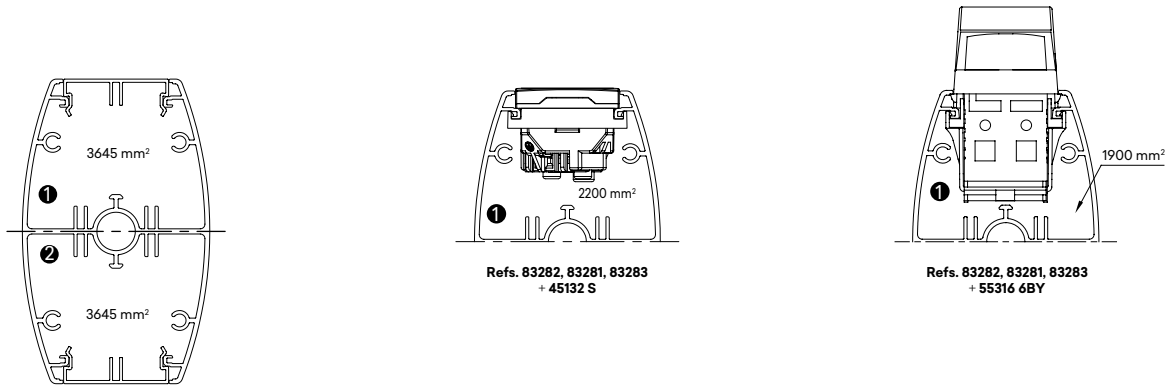
Dimensions (mm)



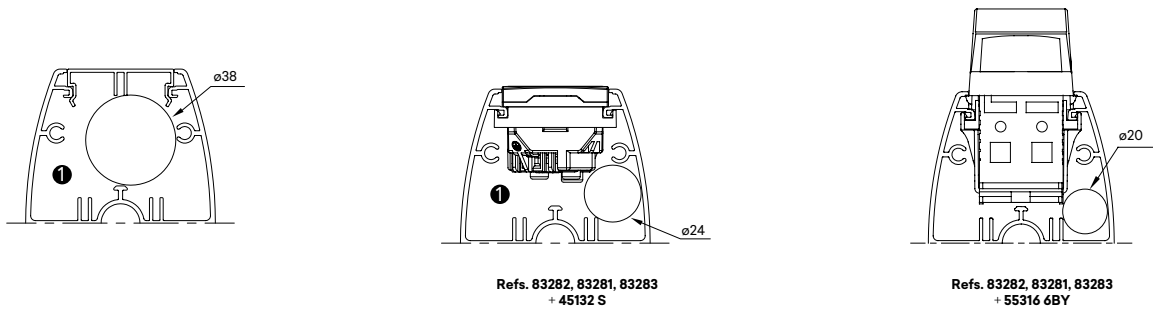
Ref. 45992 - Mounting Diagram



Maximum Section



Maximum Diameter Available (mm)



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 ~