

OFFICE SOLUTIONS



INDICE





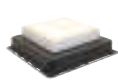
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The Office Solutions Series is designed to meet the constant reconfigurations of workspaces, meetings rooms and offices.

*The Office Solutions Series incorporates the **QUADRO 45** series mechanisms (see page 54).*

FLOOR BOXES








		Ref.	Color
	Floor Box - 4 Modules ■ External dimensions (mm): ø 139. ■ Supplied with claws. See Technical Data Sheet - page 191.	IK08	83002 C CZ AT
	Flush Mounting Box for Floor Box - 4 Modules ■ Supplied with claws.	83052	—
	Floor Box - 16 Modules ■ External dimensions (mm): 256 x 256. ■ Supplied with claws. See Technical Data Sheet - page 192.	IK10	83008 C CZ AT
	Floor Box with Stainless cover - 16 Modules ■ External dimensions (mm): 256 x 256. ■ Supplied with claws. See Technical Data Sheet - page 192.	IK10	83008 C ZI AI
	Flush Mounting Box for Floor Box - 16 Modules ■ Supplied with polystyrene block (Ref. 83190).	83058	—

WORKSTATIONS


		Ref.	Color
SURFACE MOUNTING			
	Workstation Surface Mounting - 2x4 + 4x4 Modules ■ External dimensions (mm): 217 x 202. See Technical Data Sheet - page 194.	NEW	83410 S BR
	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 194.	NEW	83410 C BR
FLUSH MOUNTING			
	Workstation Flush Mounting - 2x4 Modules ■ External dimensions (mm): 185 x 170. See Technical Data Sheet - page 196.	NEW	83401 S BR
	Workstation Flush Mounting - 3x4 Modules ■ External dimensions (mm): 245 x 170. See Technical Data Sheet - page 196.	NEW	83402 S BR
	Workstation Flush Mounting - 4x4 Modules ■ External dimensions (mm): 305 x 170. See Technical Data Sheet - page 196.	NEW	83403 S BR
	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 196.	NEW	83402 C BR
	Workstation Flush Mounting with Door - 2x8 Modules ■ External dimensions (mm): 260 x 260. See Technical Data Sheet - page 198.	NEW	83404 S BR

OFFICE SOLUTIONS



DESKTOP WORKSTATIONS

		Ref.	Color
	Desktop Workstation - 8+2 Modules ■ Aluminium. ■ Supplied with 4 positioners (Ref. 45992). ■ Supplied with 1 Blind cover plate (Ref. 45677 S). i See Technical Data Sheet - page 200.	83201 S	BR
	Desktop Workstation - 12+2 Modules ■ Aluminium. ■ Supplied with 6 positioners (Ref. 45992). ■ Supplied with 1 Blind cover plate (Ref. 45677 S). i See Technical Data Sheet - page 200.	83202 S	BR
	Top with Adapter for Desktop Workstations - 2 Modules Q45	83230 A	BR
	Cable entry Top for Desktop Workstations	83231 A	BR
	Cable Gland 3G 1,5mm	81191	—
	Cable Gland 3G 2,5mm	81192	—
	Desktop Workstations Profile ■ Dimension: 2,10 meters / box. ■ Aluminium. ■ Supplied with cover (Ref. 83233).	83232	—

MINICOLUMN


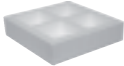








		Ref.	Color
	2-Sided Mini Column - 18+18 Modules ■ Aluminium. i See Technical Data Sheet - page 202.	83281	—

COLUMNS

		Ref.	Color
	2-Sided Column - 2850mm ■ Aluminium. i See Technical Data Sheet - page 203.	83241	—
	2-Sided Column - 3300mm ■ Aluminium. i See Technical Data Sheet - page 203.	83242	—

- A - Accessory; S - Semi-assembled.
- BR - White.
- To be used with semi-assembled devices of QUADRO 45 Series.

ACCESSORIES

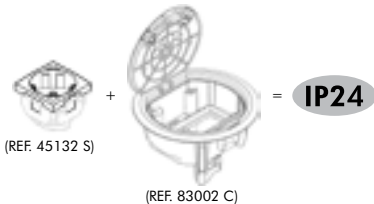
			Ref.	Color
	90° Positioner for 2 Modules <ul style="list-style-type: none"> ■ For semi-assembled devices of QUADRO 45 Series in Desktop Workstations and Columns. ■ Enables device assembly with 90° rotation. 		45992	—
	Polystyrene Block <ul style="list-style-type: none"> ■ External dimensions (mm): 240,5 x 240,5 x 65. ■ To be used in Flush Mounting Box for Floor Box - 16 Modules (Ref. 83058). 		83190	—
	Top for Column <p>■ See Technical Data Sheet - page 203.</p>		83250 A	CZ AL
	Base for Column/Mini Column <p>■ See Technical Data Sheet - page 202 e 203</p>		83251 A	CZ AL
	Top for Mini Column <p>■ See Technical Data Sheet - page 202.</p>		83290 A	CZ AL
	Threaded rod		83252 A	—
	Profile for Column/Minicolumn - 2 sided - 3180mm		83253	—
	Cover for Profile		83233	—
	MODUS 55 Adapter for Workstation <p>NEW</p>		83420	—
	Blind Cover for Workstations <ul style="list-style-type: none"> ■ Delivery as blind cover plate of 4 modules. <p>NEW</p>		83421	—

FLOOR BOX - 4 MODULES (REF. 83002 C)

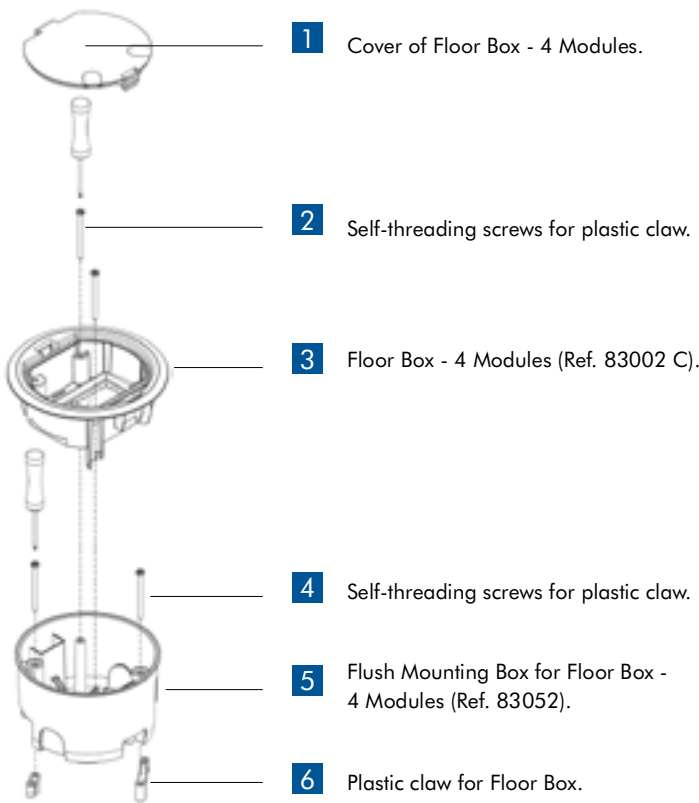
DESCRIPTION



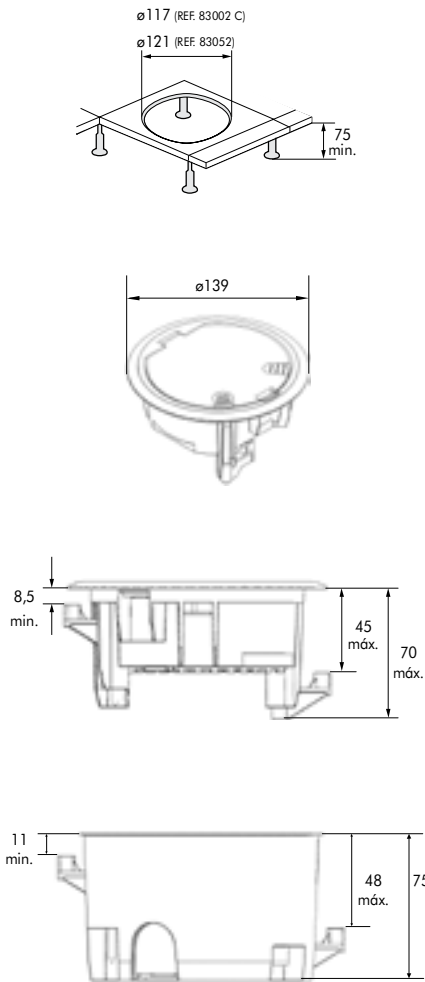
- Floor box for mounting in concrete through Flush Mounting Boxes (Ref. 83052) and in technical floor through claws.
- Available in colors **CZ** - Grey and **AT** - Anthracite.
- To be used with semi-assembled devices of **QUADRO 45** Series.



MOUNTING DIAGRAM



DIMENSIONS (mm)



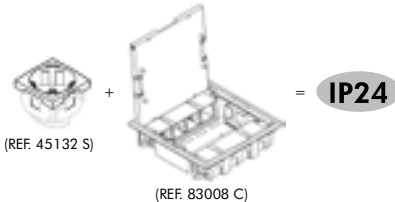
FLOOR BOX - 16 MODULES (REF. 83008 C)

DESCRIPTION

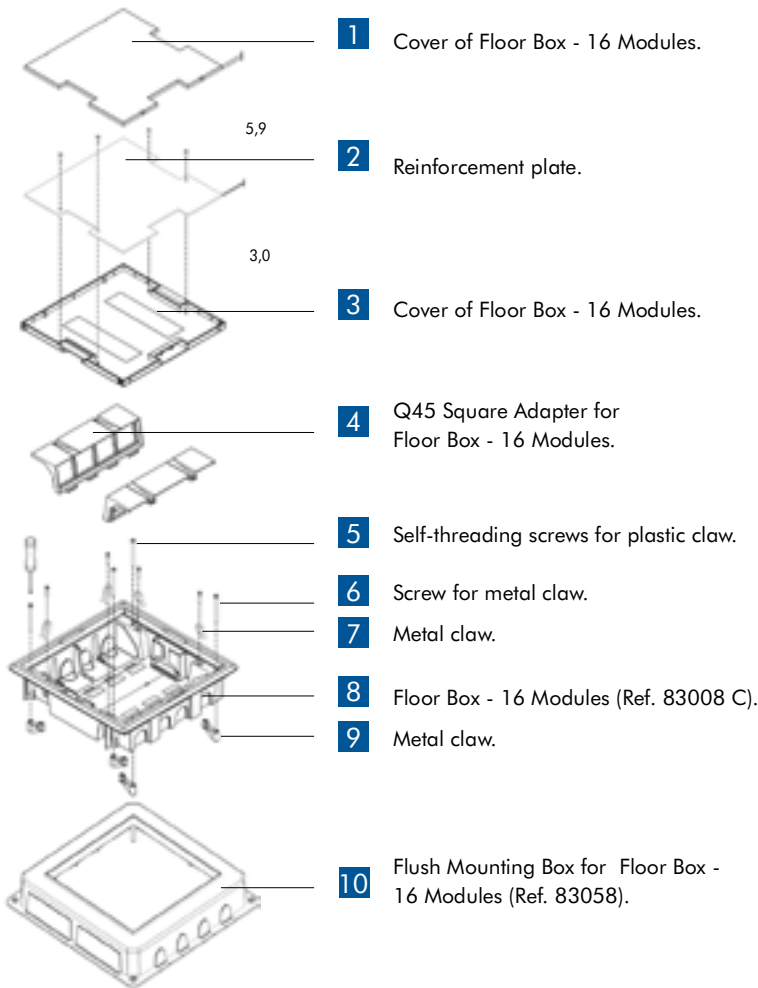


IK10

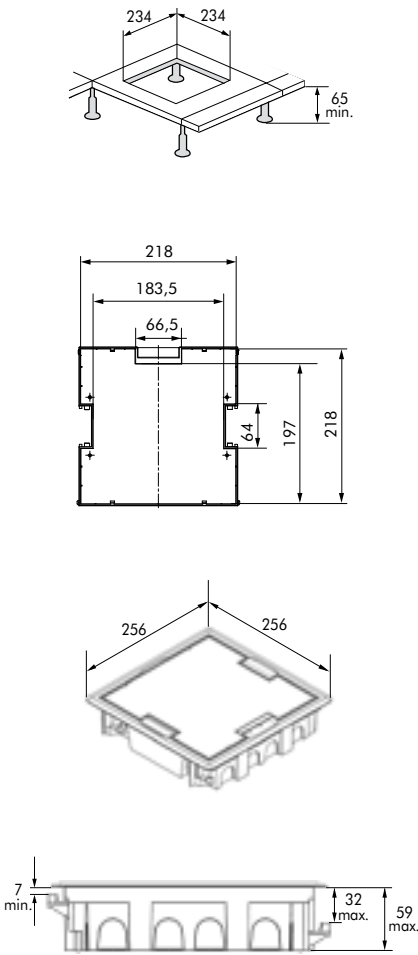
- Floor box for mounting in concrete through Flush Mounting Boxes (Ref. 83058) and in technical floor through claws.
- To be used with semi-assembled devices of **QUADRO 45** Series.
- Available in colors **CZ** - Grey and **AT** - Anthracite.
- Available with Inox Cover in colors **ZI** - Grey Inox and **AI** - Anthracite Inox.



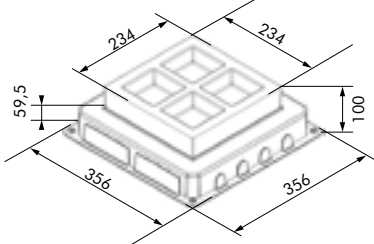
MOUNTING DIAGRAM (CZ, AT)



DIMENSIONS (mm)



MOUNTING IN CONCRETE



MINIMUM FLOOR HEIGHT



MAXIMUM FLOOR HEIGHT



CLASSIFICATION - EN 60670-1; EN 60670-23 STANDARDS

SECTION 7	CLASSIFICATION	FLOOR BOX - 4 AND 16 MODULES
7.1	Nature of the material	Insulating
7.2	Type of installation	Embedded, semi-embedded or integrated into walls, ceilings or combustible floorings
		Embedded, semi-embedded or integrated into holes or partitions (false ceilings, walls, floorings), furniture
		For tunnel type installation during the concrete projection step (7.6)
		Treatment of flooring: within boxes and jackets for installation in floorings submitted to dry treatment
7.3	Types of inlets (outlets)	With inlets 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	Jacket with movable cover removable

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 to mechanical resistance for installation and application	2J	5J
10.3.2	EN 50102 IK Test	IK08	IK10
10.5.1	IEC 60884-1 – NP 1260 Fixation of Low Voltage Devices - Test of Resistance to Extraction	Declared Extraction Force: 90N 1,5x90 = 135N	
10.5.103	Resistance to the vertical load applied within a small surface area	750N	
10.5.104	Resistance to the vertical load applied within a large surface area	3000N	

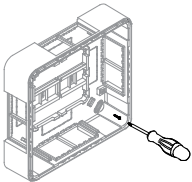
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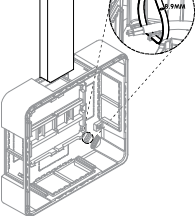
- Workstation for surface mounting installation in masonry.
- To be used with semi-assembled devices of **QUADRO 45** Series.
- Available in color **BR** - White.

INSTALLATION

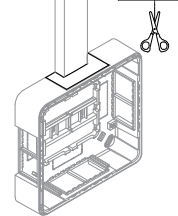
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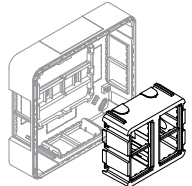
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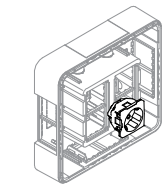
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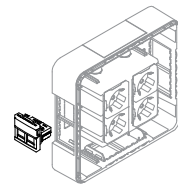
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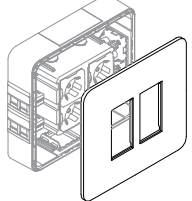
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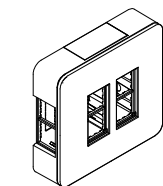
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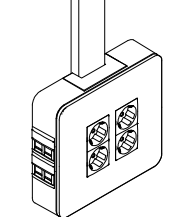
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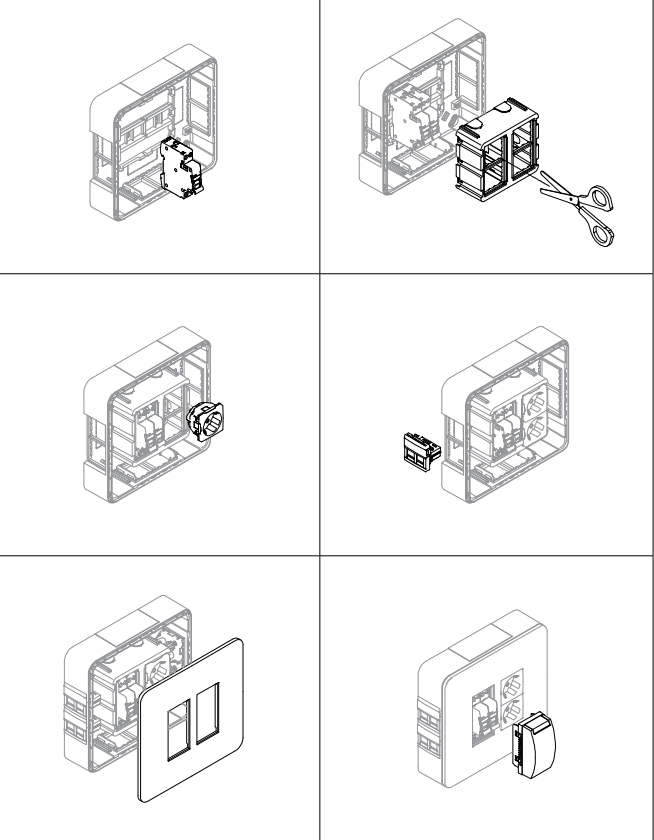
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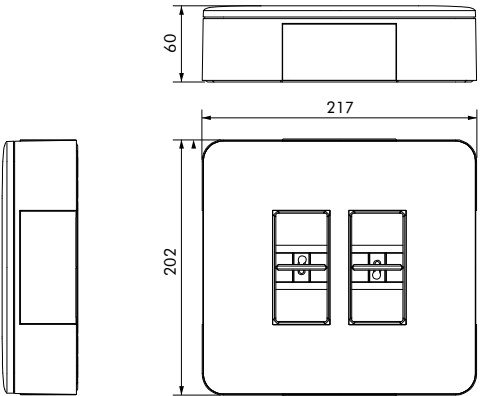
9



MOUNTING DIAGRAM



DIMENSIONS (mm)



SECTION 7	CLASSIFICATION	WORKSTATION SURFACE MOUNTING
7.1	Nature of the material	Insulating
7.2	Type of installation	Surface mounted on: - walls, ceilings or furniture, non-combustible; - walls, ceilings or furniture, combustible
7.3	Type of inlets (outlets)	No entries. Inlet openings are performed 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 allow other means of fixing
7.102	Enclosure	PD Enclosure (for predetermined equipment)
	Degree of protection of the enclosure: IP3XC IK Test: IK07	
	The maximum permissible load inside 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 - 250V~ Rated Current - 63A	
	Maximum Capacity to Dissipate Power (Pde) - 40W	

INFORMATIONS

ANNEX BB	CLASSIFICATION	WORKSTATION SURFACE MOUNTING
BB3	Devices to be Integrated 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 - QUADRO45.
BB5	Connections	Terminals must be used in accordance with the standards EN 60998-2-1.
BB6	Protection Against Electric Shock	Active parts shall remain not accessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP2X
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 lower than 3mm. The cross-sections of conductors shall be in accordance with the wiring rules

IEC 60884-1 NP 1260

SECTION 9	CLASSIFICATION	WORKSTATION SURFACE MOUNTING
9.4	Fixing of low voltage devices	90Nx1,5= 135N



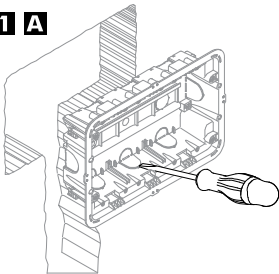
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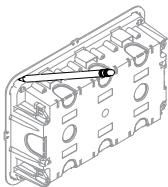
- Workstation to be installed in masonry or in hollow walls by using claws.
- To be used with semi-assembled devices **QUADRO 45** Series.
- Available in color **BR** - White.

INSTALLATION

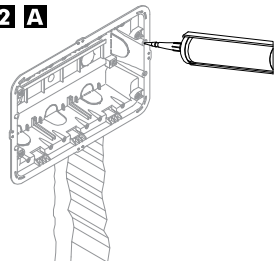
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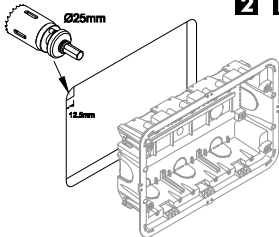
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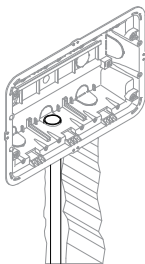
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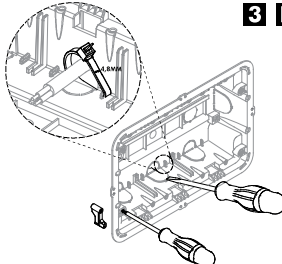
2 B



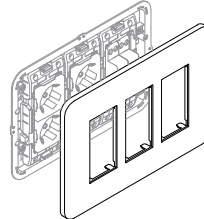
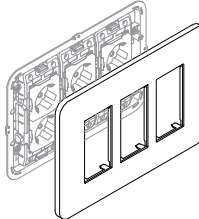
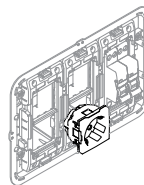
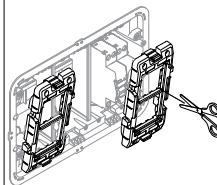
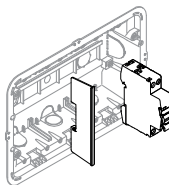
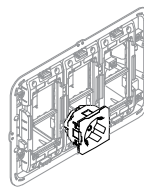
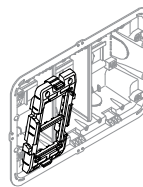
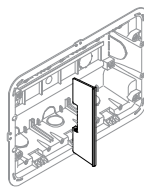
3 A



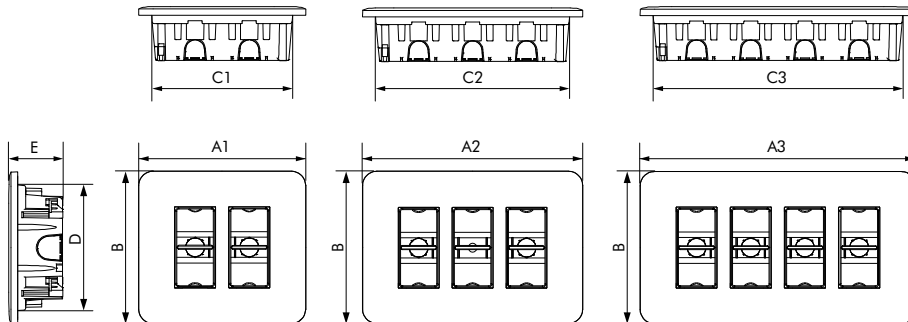
3 B



MOUNTING DIAGRAM



DIMENSIONS (mm)



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

SECTION 7	CLASSIFICATION	WORKSTATION FLUSH MOUNTING
7.1	Nature of the material	Insulating
7.2	Type of installation	Embedded, semi-embedded or integrated: walls or ceilings, non-combustible; walls or ceilings, combustible; hollow or partitions (false ceilings, walls), furniture.
7.3	Types of inlets (outlets)	With inlets for plain or corrugated pipes
7.4	Means for fixing cables and pipes	With cables retention
7.5	Minimum and maximum temperatures during the installation	-5°C to +60°C
7.7	Boxes or enclosures for hollow or partitions, 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 allow other means of fixing
7.102	Enclosure	PD Enclosure (for predetermined equipment)
	Resistance of the recessed housing part enclosure embedded area (back case box) to the glow wire test at 850°	
	IK Test - IK07	
	The maximum permissible load inside 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 inside 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 inside 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 - 250V~ Rated Current - 63A	
	Maximum Capacity to Dissipate Power (Pde) - 40W	

INFORMATION

ANNEX BB	CLASSIFICATION	WORKSTATION FLUSH MOUNTING
BB3	Devices to be Integrated 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 - QUADRO45.
BB5	Connections	Terminals must be used in accordance with the standards EN 60998-2-1.
BB6	Protection Against Electric Shock	Active parts shall remain not accessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP2X
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 lower than 3mm. The cross-sections of conductors shall be in accordance with the wiring rules

EN 50085-1

SECTION 9	CLASSIFICATION	WORKSTATION FLUSH MOUNTING
9.4	Mechanical connections by screws	0,8Nm

IEC 60884-1 NP 1260

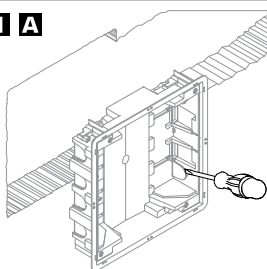
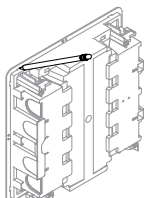
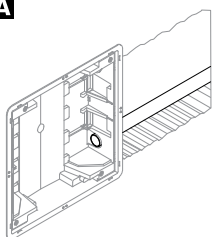
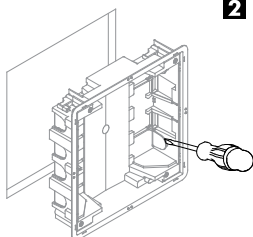
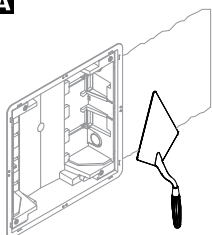
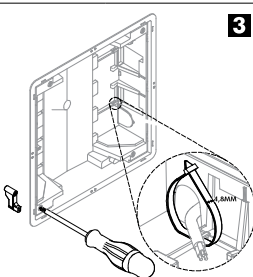
SECTION 9	CLASSIFICATION	WORKSTATION FLUSH MOUNTING
9.4	Fixing of low voltage devices	90Nx1,5=135N

DESCRIPTION

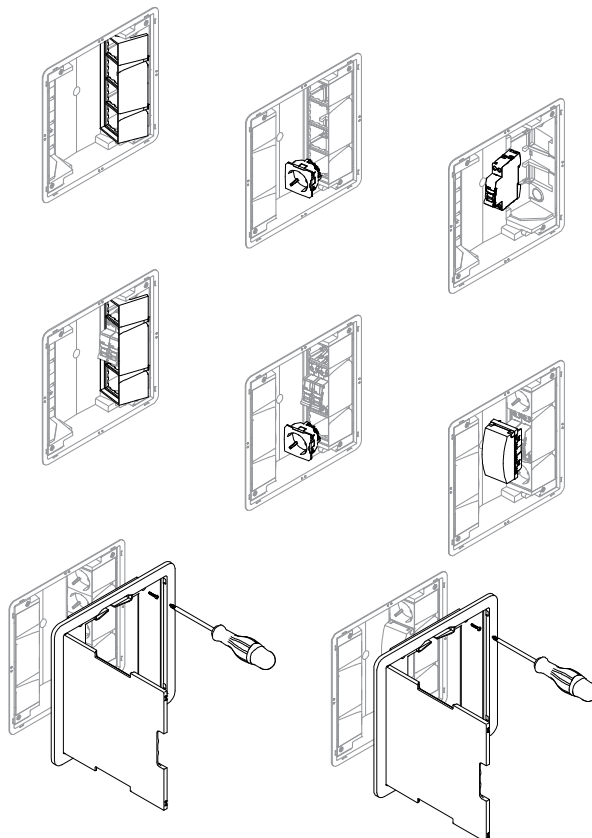


- Workstation to be installed in masonry or in hollow walls by using claws.
- To be used with semi-assembled devices **QUADRO 45** Series.
- Available in color **BR** - White.

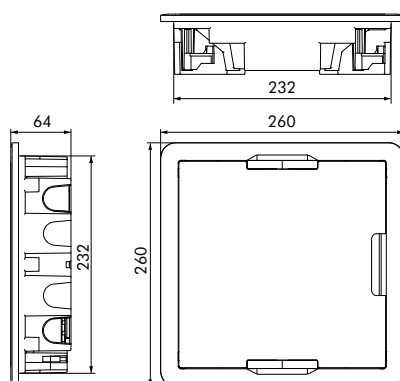
INSTALLATION

1 A**1 B****2 A****2 B****3 A****3 B**

MOUNTING DIAGRAM



DIMENSIONS (mm)



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: walls or ceilings, non-combustible; walls or ceilings, combustible; hollow or partitions (false ceilings, walls), furniture.
7.3	Types of inlets (outlets)	With inlets 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 partitions, 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 allow other means of fixing
7.102	Enclosure	PD Enclosure (for predetermined equipment)
	Resistance of the recessed housing part enclosure embedded area (back case box) to the glow wire test at 850°	
	IK Test - IK07	
	The maximum permissible load inside 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 - 250V~ Rated Current - 63A	
	Maximum Capacity to Dissipate Power (Pde) - 40W	

INFORMATION

ANNEX BB	CLASSIFICATION	WORKSTATION FLUSH MOUNTING WITH DOOR
BB3	Devices to be Integrated 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 - QUADRO45.
BB5	Connections	Terminals must be used in accordance with the standards EN 60998-2-1.
BB6	Protection Against Electric Shock	Active parts shall remain not accessible after devices are installed in the enclosure. Devices mounted in the enclosure shall have a minimum IP degree of IP2X
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 lower than 3mm. The cross-sections of conductors shall be in accordance with the wiring rules

EN 50085-1

SECTION 9	CLASSIFICATION	WORKSTATION FLUSH MOUNTING WITH DOOR
9.4	Mechanical connections by screws	0,8Nm

IEC 60884-1 NP 1260

SECTION 9	CLASSIFICATION	WORKSTATION FLUSH MOUNTING WITH DOOR
9.4	Fixing of low voltage devices	90Nx1,5=135N

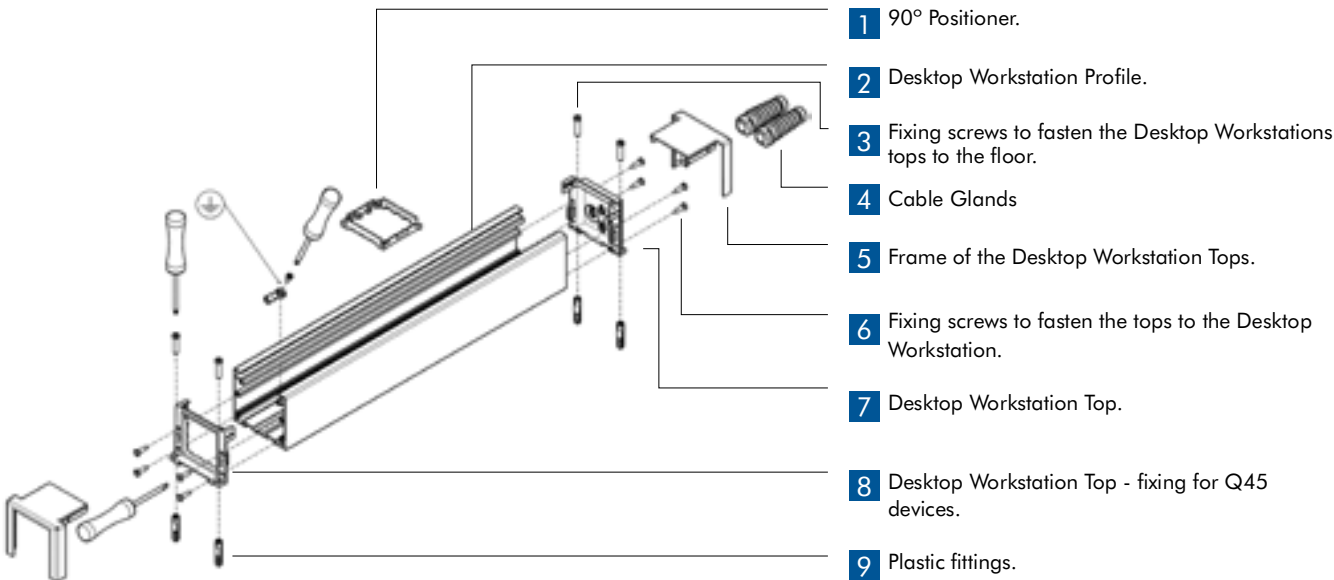


DESCRIPTION

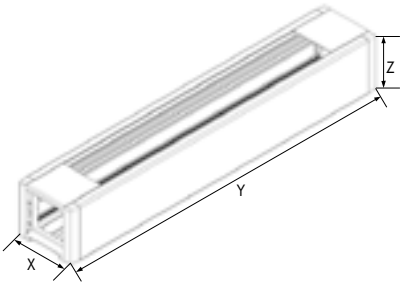


- They can be installed on a desk, wall, DIN rail or elsewhere.
- To be used with semi-assembled devices **QUADRO 45** Series.

MOUNTING DIAGRAM



DIMENSIONS (mm)



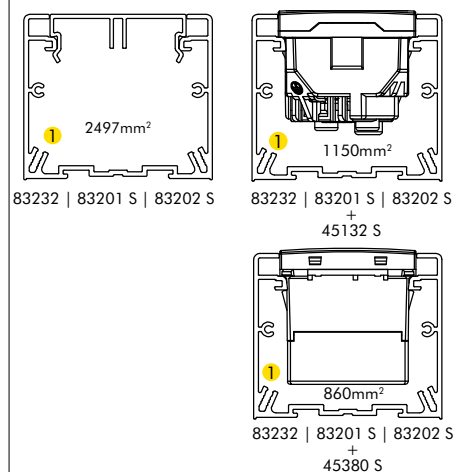
	X	Y	Z
REF. 83201 S	62,0	269,5	54,5
REF. 83202 S	62,0	360,5	54,5

SECTION 6	CLASSIFICATION	DESKTOPS 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 Application Temperature	- 25 °C
6.3	Maximum Application Temperature	60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	With electrical continuity $1,5 \times 10^{-4} \Omega/m$
6.6	Electrical insulation	Without electrical insulation
6.7	Protection degree provided by 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	Electrically protective separation	Without electrical protective partition (divider)
6.101	Conditions d'installation	Surface mounted fixed on the wall or on the ceiling
6.102	Prevention of contact between liquids and insulated conductors and live parts in case of mounted in a skirting and on wet floor.	Not declared
6.103	Type	3 (installation)
	Rated Voltage	500V~

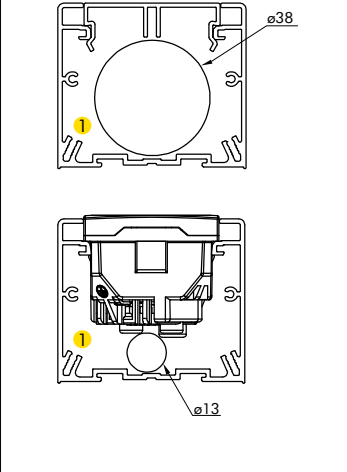
DESKTOPS WORKSTATIONS (PROFILE SELECTION)

Ref.	Profile Characteristics			Isolated Cables Capacity				
	Section	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
Profile and Desktop Workstations 83241 83242 83281	1 2	2497	1784	38	223	149	119	89
Profile and Desktop Workstations with Sockets Q45 83241 83242 83281 + 45132 S	1 2	1150	821	13	103	68	55	41
Profile and Desktop Workstation with power supply 83241 83242 83281 + 45380 S	1 2	860	614	—	77	51	41	31

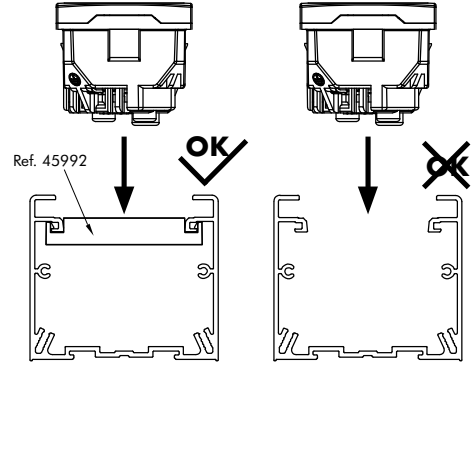
SECTION



MAXIMUM DIAMETER AVAILABLE (mm)



MOUNTING DIAGRAM



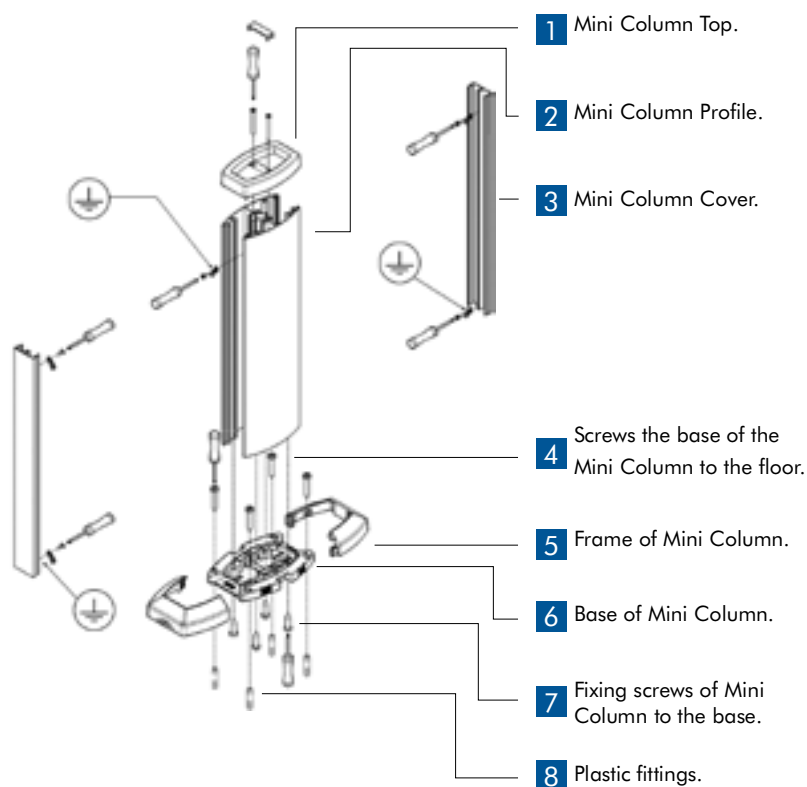
DESCRIPTION



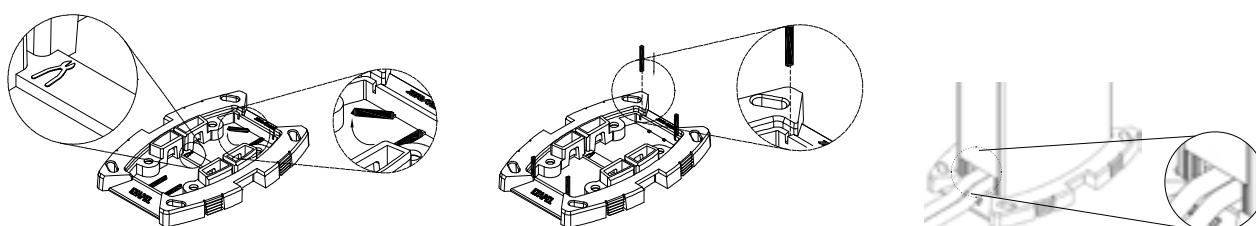
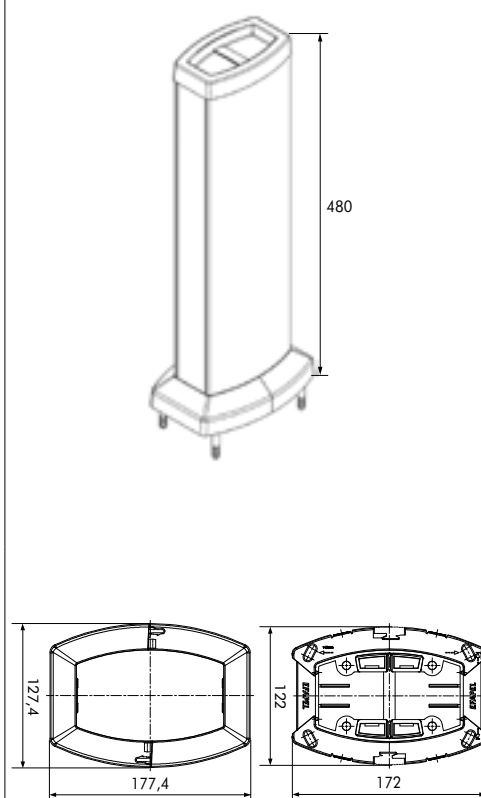
IK09

- Allows to put all the connections (power and communication) nearby the Workstation.
- To be used with semi-assembled devices **QUADRO 45** Series.

MOUNTING DIAGRAM



DIMENSIONS (mm)



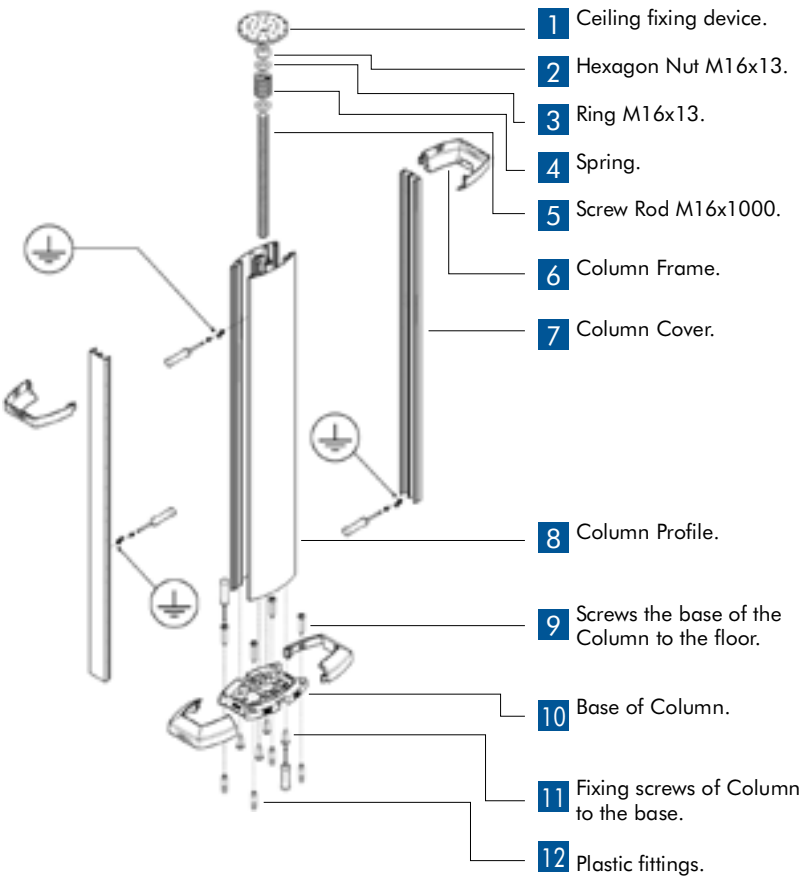
COLUMNS (REF. 83241 | 83242)

DESCRIPTION

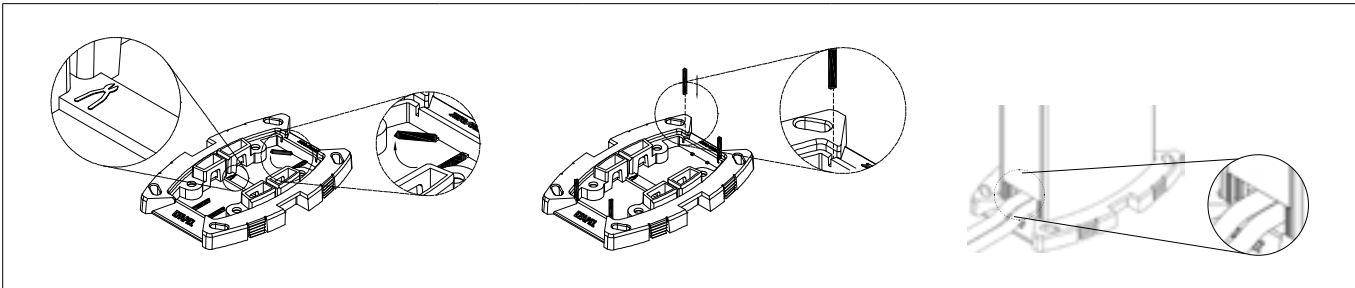
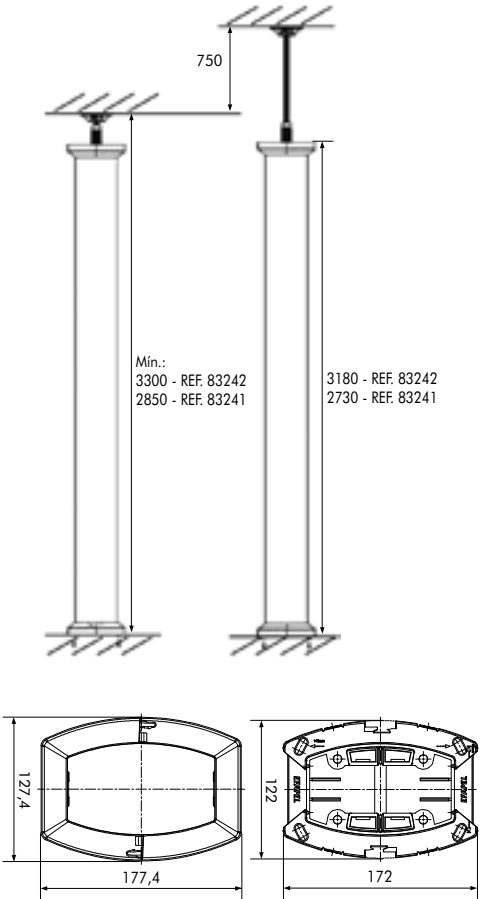


- They allow the power and cable routing between the ceiling and the floor.
- To be used with semi-assembled devices **QUADRO 45** Series.

MOUNTING DIAGRAM



DIMENSIONS (mm)



SECTION 6	CLASSIFICATION	COLUMNS AND MINI COLUMN
6.2	Mechanical strength shock test for installation and application	10 J
6.3	Minimum Storage and transport Temperature	- 45 °C
6.3	Minimum Installation and Application Temperature	- 25 °C
6.3	Maximum Application Temperature	60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	With electrical continuity $5 \times 10^{-5} \Omega/m$
6.6	Electrical insulation	Without electrical insulation
6.7	Protection degree provided by 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	Electrically protective separation	Without electrical protective partition (divider)
6.101	Type of floor	Dry floor
6.102	1000 N	
6.103	5000 N	
	Rated Voltage	500V~

COLUMNS | MINI COLUMN (PROFILE SELECTION)

Ref.	Profile Characteristics			Isolated Cables Capacity				
	Section	Internal Section (S)	Available Section (Su)	Max ø Available	Max. Nr. Conductors H07 V-U			
		(mm ²)	(S:1,4) (mm ²)	(mm)	1,5mm ²	2,5mm ²	4mm ²	6mm ²
Columns and Mini Column 83241 83242 83281	1	3645	2604	38	325	217	174	130
	2			—	196	131	105	79
Columns and Mini Column with Sockets Q45 83241 83242 83281 + 45132 S	1	2200	1571	—	196	131	105	79
	2			—	171	114	91	68
Columns and Mini Column with Power Supply Module 83241 83242 83281 + 45380 S	1	1910	1364	—	171	114	91	68
	2			—	171	114	91	68

