



**Adjustable floor box for
4 elements in concrete
floor installation grey
Simon 500 Cima**

Ref.: **52050002-035**

BASIC INFORMATION

Series	Simon 500 Cima
Version	4 elements
Number of modules	4 modules
Finish	Grey
Available in	2, 4, 6, 8 and 12 elements
Expandable	No
KIT availability	No
Number of cover opening positions	2
Possibility of including quick-connect connectors along the side of the housing	No
Protection against entry of dust and small objects	Yes, thanks to the inclusion of protective foam
Compatibility	Simon 500 Cima and Simon 27 Play/Simon K45 mechanisms (using a specific adaptor)
Packaging contents	Floor box, metal partition wall, ground connection cable, screws and installation manual
Remarks	To complete the installation of the product, once configured, it must be combined with a plastic tray (ref.52052102-035). Alternatively, it may be combined with flush-mount trim cover (ref.52053102-035) in cases where the same floor lining is not installed.

Technical information

Dimensions	171 x 187 mm
Depth	76 mm
Maximum load	1,400 kilograms
Depth of adjustment range	Between 76 and 100 mm
Free space in inner box with minimum adjustment	13 mm
Free space in inner box with maximum adjustment	38 mm
Claw range of operation	Between 14 and 54 mm
Elevation of frame from ground level	3.2 mm
Flip-up cover dimensions	145 x 161 x 15 mm
Personalisation of flush-mount cover dimensions	107 x 154 x 8 mm
Heat resistance	+125 °C (in accordance with standard IEC 60695-10-2)
Extinguishing	+850 °C / 30 seconds (GWFI in accordance with standard IEC 60695-2-11)
Insulation resistance	>5 MOhms at 500V
Dielectric strength	No holes or contours, with 2000V at 50 Hz for 1 minute
Number of side entrances	8
No. of pre-punched holes Ø20 mm	4
No. of pre-punched holes Ø26 mm	4
Number of clamp-holder holes	4
Electromagnetic immunity for VDM wiring	Secured by installing the metal partition wall in the housings fitted into the box for this purpose.
IP rating	4X
IK Classification	8
RAL	7011
Manufacturing material	Metal components with self-extinguishing, halogen-free thermoplastic insulation that guarantees no flame propagation in case of fire and low toxicity in case of smoke emission.
Type of product	Standard

Market available

CE

Regulations

Regulations

Directive 2014/35/UE LVD + EN 60670-23:2008

Installation and maintenance

Installation type

Especially designed to be installed in concrete floors, although it is also suitable for installation in raised floors

Type of fastening

Using fastening claws on the concrete tray (supplied with the floor box)

Installation direction

Horizontal and vertical, depending on the installation of the floor tray

Can be installed in tray

Plastic

Removal of the frame

Only with tool

Removal of components

Only with tool

Recess dimension

170 x 155 mm

Tray flush mount dimension

220 x 172.2 mm

Temperature range during installation

-5 to 60 °C

Max. temp. during construction work

+90 °C

Maintenance

Clean with a soft, dry cloth. Do not use abrasive cloths or cleaning products that contain chlorine.



www.simonelectric.com



SIMON, S.A.U.

Diputación, 390-392
08013 Barcelona (Spain)
Tel.: +34 93 547 81 81