Adjustable floor box with 8 elements for installation in Simon K45 grey concrete floor

REF. **KF870/1**



BASIC INFORMATION

DESCRIPTION

This Simon K45 adjustable floor box has capacity for a total of 8 elements. Its highly resistant materials are metal and have the advantages of halogen-free, self-extinguishing thermoplastic. Therefore, this product's safety is guaranteed, as it is able to resist higher than normal temperatures. In the event of fire, the thermoplastic materials contribute to the prevention of flame propagation and the reduction of smoke. Its installation is very simple, and only needs to be completed with a plastic tray (Art. No. 52052104-035). It is designed for recessed installation in a concrete floor, although it may also be installed in a raised floor. If it is not installed in a concrete floor with the same finish, a good option is to use a flush-mount trim cover (Art. No. 52053104-035), which will integrate the product perfectly into the floor.

FINISH

Grey

MATERIAL

Various

COMPATIBILITY

With Simon K45 mechanisms (no adaptor required)

PACKAGING CONTENTS

Floor box, metal partition wall, ground connection cable, screws and installation manual

ETIM CLASS

EC000024

REMARKS

To complete the installation of the product it must be combined with a plastic tray (Art. No. 52052104-035) once configured. Alternatively, it may be combined with flush-mount trim cover (Art. No. 52053104-035) in cases where the same floor finish is not installed.

TECHNICAL INFORMATION

AVAILABLE MARKET
CE

PROTECTION AGAINST ENTRY OF DUST AND SMALL OBJECTS
Yes, thanks to the inclusion of protective foam in the wire outlet

AVAILABLE IN
2, 4, 6, 8 and 12 elements

NUMBER OF CLAMP-HOLDER HOLES
12

DIELECTRIC STRENGTH
No holes or contours, with 2000V at 50 Hz for 1 minute

MAX TEMP DURING CONSTRUCTION WORK (°C)
+90° C

ELECTROMAGNETIC IMMUNITY FOR VDM WIRING
Secured by installing the metal partition wall supplied with the box into the housings fitted for this purpose.

HEAT RESISTANCE (°C)
+125 °C (in accordance with standard IEC 60695-10-2)

IK CLASSIFICATION
08

INSULATION RESISTANCE (V-MΩ)
>5 MΩ a 500 V

IP RATING
IP4X

KIT AVAILABILITY
No

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

MAXIMUM LOAD (KG)
1300kg

TEMPERATURE RANGE DURING INSTALLATION (°C)
-5 a +60° C

NUMBER OF MODULES
8 modules

RAL
7011

RECESS DIMENSION (MM)
170 x 265 mm

NUMBER OF SIDE ENTRANCES
12

VERSION
8 elements

INSTALLATION AND MAINTENANCE

CLAW RANGE OF OPERATION (MM)
Between 14 and 54 mm

REMOVAL OF COMPONENTS
Only with tool

NUMBER OF COVER OPENING POSITIONS
2

REMOVAL OF COVER
Only with tool

EXTINGUISHING (ºC)
+850 ºC / 30 seconds (GWFI in accordance with standard IEC 60695-2-11)

TYPE OF FASTENING
Using the floor box's fastening claws in the concrete floor tray (supplied with the floor box)

REMOVAL OF THE FRAME
Only with tool

CAN BE INSTALLED IN TRAY
Plástica y metálica

INSTALLATION DIRECTION
Horizontal

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

REGULATIONS

REGULATIONS
2006/95/CE Directive + UNE-EN 60,670

LOGISTICS INFORMATION

UNITARY EAN CODE
8421053125441

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
0

UNITARY PACKAGING GROSS WEIGHT
1.5

PRODUCT NET WEIGHT
1.5

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8421053125441

UNITS CONTAINED PACKAGING
1

PACKAGING HEIGHT
75

PACKAGING WIDTH
186

PACKAGING LENGTH
282

PACKAGING MEASUREMENT UNIT
MMT

PACKAGING VOLUME
4982940

PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
1.5

PACKAGING NET WEIGHT
1.5

PACKAGING WEIGHT UNIT
KGM