Adjustable floor box with 4 elements for installation in Simon K45 graphite concrete floor

REF. **KF470/14**



BASIC INFORMATION

DESCRIPTION

The recessed concrete floor boxes in the K45 range provide all the quality features and functionality of the elements manufactured by Simon. They undergo all types of tests to comply with strict international regulations, and establish guidelines of high quality compared to the competition. Intended for spaces that require excellent voice, data and multimedia communication. Additionally, they offer safety not just for people but for the installation itself. Ideal for offices, museums, classrooms, hotels, libraries, training rooms, etc. Any situation that requires the installation and distribution of cabling in a raised or concrete floor. The best solution guaranteeing high speed data transmission. The recessed concrete floor boxes in the Cima 500 range provide all the quality features and functionality of the elements manufactured by Simon. They undergo all types of tests to comply with strict International Regulations, and establish guidelines of high quality compared to the competition. Intended for locations that require excellent voice, data and multimedia communication. Additionally, they offer safety not just for people but for the installation itself. Ideal for offices, museums, classrooms, hotels, libraries, training rooms, etc. Any situation that requires the installation and distribution of cabling in a raised or concrete floor. The best solution guaranteeing high speed data transmission.

FINISH

Graphite

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. 52052102-035) once configured. Alternatively, it may be combined with flush-mount trim cover (Art. No. 52053102-038) 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
4

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)
1400kg

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

NUMBER OF MODULES
4 modules

RAL
7021

RECESS DIMENSION (MM)
170 x 155 mm

NUMBER OF SIDE ENTRANCES
8

VERSION
4 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

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
8421053125397

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
0

UNITARY PACKAGING GROSS WEIGHT
1.1

PRODUCT NET WEIGHT
1.1

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8421053125397

UNITS CONTAINED PACKAGING
1

PACKAGING HEIGHT
84

PACKAGING WIDTH
181

PACKAGING LENGTH
212

PACKAGING MEASUREMENT UNIT
MMT

PACKAGING VOLUME
3325000

PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
1.1

PACKAGING NET WEIGHT
1.1

PACKAGING WEIGHT UNIT
KGM