

Adjustable floor box with 2 elements for installation in Simon K45 grey concrete floor

REF. KF270/1



BASIC INFORMATION

DESCRIPTION

The Simon K45 Collection includes this adjustable floor box for two elements for concrete floor installation, with grey finish. Though it is designed for recessed installation in a concrete floor, it is also suitable for raised floor installation, which makes the product versatile and able to adapt to the technical and operational needs of each space. Manufactured of insulated materials with halogen-free thermoplastic, it allows no flame propagation and toxicity in case of fire, and can reach maximum temperatures of up to 90 °C. Once configured, it must be combined with a plastic tray (Art No. 52052101-035) to allow total installation and therefore to enjoy all the functionalities and essential features of the Simon K45 range. Additionally, if it is not installed in a floor with the same finish, the K45 range has the option of being paired with a flush-mount trim cover, so nothing keeps you from enjoying the full style, innovation and security of Simon K45.

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. 52052101-035) once configured. Alternatively, it may be combined with flush-mount trim cover (Art. No. 52053101-035) 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

2

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

MAINTENANCE

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

MAXIMUM LOAD (KG)

800kg

TEMPERATURE RANGE DURING INSTALLATION (°C)

-5 a +60° C

NUMBER OF MODULES

2 modules

RAL

7011

RECESS DIMENSION (MM)

170 x 115 mm

NUMBER OF SIDE ENTRANCES

6

VERSION

2 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 (°C)

+850 °C / 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

8421053125380

UNITARY PACKAGING HEIGHT

0

UNITARY PACKAGING WIDTH

0

UNITARY PACKAGING LENGTH

0

UNITARY PACKAGING VOLUME

0

UNITARY PACKAGING GROSS WEIGHT

0.736

PRODUCT NET WEIGHT

0.736

UNITARY PACKAGING WEIGHT UNIT

KGM

PACKAGING EAN

8421053125380

UNITS CONTAINED PACKAGING

1

PACKAGING HEIGHT

95

PACKAGING WIDTH

155

PACKAGING LENGTH

195

PACKAGING MEASUREMENT UNIT

MMT

PACKAGING VOLUME

2.871

PACKAGING VOLUME UNIT

MMQ

PACKAGING GROSS WEIGHT

0.736

PACKAGING NET WEIGHT

0.736

PACKAGING WEIGHT UNIT

KGM