

Adjustable floor box with 12 elements for installation in Simon K45 grey concrete floor

REF. KF1270/1



BASIC INFORMATION

DESCRIPTION

This adjustable floor box is part of the Simon K45 range, and is specially designed to be installed recessed in a concrete floor, although it may also be used in a raised floor. The box is capable of providing power to a total of 12 elements. It is made of 12 empty elements and has dimensions of 225 x 310 millimetres, and is 76 millimetres deep. It comes in an attractive grey colour. To perform a complete installation, the product should be combined with a Simon plastic tray (Art. No. 52052106-035) once it is configured. In case the box is installed in a floor with a different finish, you also have the option to pair it with a flush-mount trim cover (Art. No. 52053106-035). The box is manufactured from high-quality materials, which consist of self-extinguishing and halogen-free thermoplastic insulation. This makes the product highly resistant and also considerably increases their safety, since they are capable of preventing flame propagation in case of fire and of reducing the toxicity of smoke.

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. 52052106-035) once configured. Alternatively, it may be combined with flush-mount trim cover (Art. No. 52053106-035) 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

16

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)

1800kg

TEMPERATURE RANGE DURING INSTALLATION (°C)

-5 a +60° C

NUMBER OF MODULES

12 modules

RAL

7011

RECESS DIMENSION (MM)

210 x 300 mm

NUMBER OF SIDE ENTRANCES

16

VERSION

12 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 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

8421053125458

UNITARY PACKAGING WEIGHT
UNIT

KGM

PACKAGING MEASUREMENT
UNIT

MMT

UNITARY PACKAGING HEIGHT

0

PACKAGING EAN

8421053125458

PACKAGING VOLUME

7483280

UNITARY PACKAGING WIDTH

0

UNITS CONTAINED PACKAGING

1

PACKAGING VOLUME UNIT

MMQ

UNITARY PACKAGING LENGTH

0

PACKAGING HEIGHT

79

PACKAGING GROSS WEIGHT

2.2

UNITARY PACKAGING VOLUME

0

PACKAGING WIDTH

236

PACKAGING NET WEIGHT

2.2

UNITARY PACKAGING GROSS
WEIGHT

2.2

PACKAGING LENGTH

342

PACKAGING WEIGHT UNIT

KGM

PRODUCT NET WEIGHT

2.2