

## RCCB 10A-10 mA for 1 element with trim plate aluminium Simon K45

REF. K107A/8



## BASIC INFORMATION

### DESCRIPTION

For greater security and protection against overvoltage in technological equipment, Simon K45 offers the miniature circuit breaker - 1 item residual current circuit breaker with trim plate in aluminium, it can be installed in any wall, floor, ceiling or furniture of the range K45 and Simon 500 Cima, using adaptor. Designed for flush installation to connection, it is compatible with a power supply of 230 Volts, supports a current of 16 amps or 10 Milliampere/Milliampere, with a power of cutting 3000 A. With a size of 45 x 45 mm and a depth of 47 mm, supports a section of wire up to 25 mm with a stripped 10 mm, it also includes signalling function for beacon and find the device in situations of a low lighting. Manufactured by metal components with self-extinguishing and halogen-free thermoplastic insulation., prevents the flame spread and toxicity by smoke in case of fire, and can reach maximum temperatures of more than 60 °C.

### FINISH

Aluminium

### COMPATIBILITY

Simon K45 enclosures for installation in the wall, floor, ceiling and furniture.

### PACKAGING CONTENTS

MCB-differential breaker 10 A-10 A and Simon K45 format trim plate

### ETIM CLASS

EC000042

## TECHNICAL INFORMATION

### AVAILABLE MARKET

CE

### CABLE SECTION ADMITTED (MM)

Up to 25 mm

### BREAKING CAPACITY (A)

3000 A

### CLASS

A

### NUMBER OF CONNECTIONS PER TERMINAL

1 input per terminal connector

### MAX TEMP DURING CONSTRUCTION WORK (°C)

+60° C

### CURRENT (A)

10 A / 10 mA

### IP RATING

IP44

### MAINTENANCE

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

### TEMPERATURE RANGE DURING INSTALLATION (°C)

-5 to 60° C

### TYPE OF MECHANISM

Two-pole

### NUMBER OF MODULES

Half

### POWER SUPPLY (V~)

230 V~

### VERSION

Single

## INSTALLATION AND MAINTENANCE

### CABLE STRIPPING NECESSARY (MM)

10

### INSTALLABLE IN FLUSH MOUNT JUNCTION BOX

Universal, specific Simon K45 and specific Simon 500 Cima using adaptor (ref.50012088-033)

### INSTALLATION DIRECTION

Horizontal, Vertical

### INSTALLATION TYPE

Suitable for installation in any wall, floor, ceiling or furniture enclosure of the Simon 500 Cima and K45 range using the adaptor 50012088-033

### REMOVAL OF THE MCB

Only with tool

### TYPE OF TERMINAL CONNECTION - FUNCTION 1

Screw

### NUMBER OF TERMINALS

4 (1 terminal connector per pole)

## REGULATIONS

### REGULATIONS

Directive 2014/35/UE LVD + Directive 2014/30/UE EMC + Directive 2011/65/UE RoHS + EN 50581:2012 + EN 61009-1:2012 + EN 61009-1:2012 A1:2014 + EN 61009-1:2012 A2:2014 + EN 61009-1:2012 A11:2015 + EN 61009-1:2012 A12:2016 + EN 61543:1995 + EN 61543:1995 A11:2003 + EN 61543:1995 A12:2005 + EN 61543:1995 A2:2006

## LOGISTICS INFORMATION

### UNITARY EAN CODE

8426436044623

### PRODUCT NET WEIGHT

0.105

### PACKAGING MEASUREMENT UNIT

MMT

### UNITARY PACKAGING HEIGHT

0

### UNITARY PACKAGING WEIGHT UNIT

KGM

### PACKAGING VOLUME

288800

### UNITARY PACKAGING WIDTH

0

### PACKAGING EAN

8426436044623

### PACKAGING VOLUME UNIT

MMQ

### UNITARY PACKAGING LENGTH

0

### UNITS CONTAINED PACKAGING

1

### PACKAGING GROSS WEIGHT

0.105

### UNITARY PACKAGING VOLUME

0.3

### PACKAGING HEIGHT

50

### PACKAGING NET WEIGHT

0.105

### UNITARY PACKAGING VOLUME UNIT

MMQ

### PACKAGING WIDTH

76

### PACKAGING WEIGHT UNIT

KGM

### UNITARY PACKAGING GROSS WEIGHT

0.105

### PACKAGING LENGTH

76