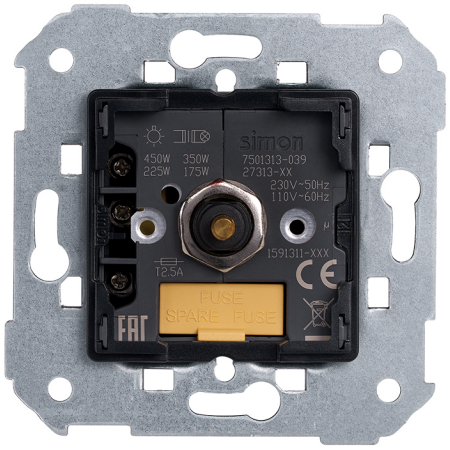
Rotary electronic light dimmer-two way switch 450W Simon 75

REF. **7501313-039**



BASIC INFORMATION

DESCRIPTION

Electronic rotary light dimmer switch 450W Simon 75 – Simon 360 Series. The 450W Simon 75 electronic light dimmer is a 250V rotary dimmer designed for control and adjustment of intensity in lighting circuits. This regulator-switch allows you to turn on, off, and adjust the level of light from a single mechanism, offering an efficient solution for residential and tertiary installations. Compatible with loads from 40 to 450 W at 250 V~ 50 Hz, this electronic rotary dimmer is suitable for incandescent and halogen lamps, as well as for certain loads with electronic or electromagnetic transformers depending on the installation configuration. It incorporates a screw terminal connection system and accepts conductor sections from 1.5 to 2.5 mm^2, ensuring a safe and stable connection. The Simon 75 dimmer is designed for flush-mounted or surface installation in a universal box, occupying 1 double element. Its rotary operation allows for precise adjustment of the illumination level, enhancing visual comfort and promoting energy savings in spaces such as homes, hotels, offices, and commercial premises. Manufactured with electronic components and halogen-free thermoplastic insulation, it has an IP20 protection degree and a operating temperature range of 5 to 35 ºC. It complies with LVD, EMC, and RoHS directives, according to standard EN 60669-2-1. This 250V 450W dimmer is aesthetically and mechanically compatible with the Simon 75 Series and Simon 360 Series, seamlessly integrating into electrical renovation projects that require a reliable, precise, and easy-to-install light dimmer.

MATERIAL

Plastic,Metal

COMPATIBILITY

Marcos Simon 75, Simon 82 Detail, Simon 82 Nature, Simon 82 Concept and Simon 82.

COMPATIBLE WITH MECHANICAL 2-WAY/CROSSOVER SWITCH

Yes

COMPATIBLE WITH 230V INCANDESCENT AND HALOGEN LAMPS (W)

40-450 W

COMPATIBLE WITH MECHANICAL PUSH BUTTON

No

COMPATIBLE WITH MECHANICAL SWITCH

No

PACKAGING CONTENTS

Dimmer and instruction sheet

ETIM CLASS

EC000025

REMARKS

In the same circuit, two electronic voltage regulators cannot be connected.

TECHNICAL INFORMATION

AVAILABLE MARKET
CE

ACOUSTIC FUNCTION
No

CABLE SECTION ADMITTED (MM)
From 1,5 to 2,5 mm

COMPATIBLE WITH ELECTRONIC AUXILIARY
No

NUMBER OF POSSIBLE ELEMENTS
1 element

COMPATIBLE WITH FLUORESCENT LAMPS WITH 1-10V DIMMABLE ELECTRONIC BALLAST
No

FREQUENCY
50 Hz

INDICATOR FUNCTION
No

IP RATING
IP20

LINKABLE
No

MAXIMUM POWER (W)
450

TYPE OF MECHANISM
Rotary

MINIMUM POWER (W)
40

MONOBLOCK
Yes

NOMINAL VOLTAGE (V~)
230 V~

OPERATING TEMPERATURE RANGE (°C)
0 - 40 °C

POWER SUPPLY (V~)
230 V~

RECESS DIMENSION (MM)
45

VERSION
Single

VOLTAGE (V~)
230 V~

INSTALLATION AND MAINTENANCE

CABLE STRIPPING NECESSARY (MM)
11

CLAW
Simon 27

REMOVAL OF COVER
Only with tool

INSTALLABLE IN FLUSH MOUNT JUNCTION BOX
Universal

INSTALLATION DIRECTION
Horizontal, Vertical

INSTALLATION TYPE
Suitable for surface and flush mounting

TYPE OF TERMINAL CONNECTION - FUNCTION 1
Screw

REGULATIONS

REGULATIONS

Dir. 2014/35/UE LVD|Dir. 2014/30/UE EMC|Dir. 2011/65/UE RoHS + post. mod.|EN 60669-2-1:2004|EN 60669-2-1:2004 A1:2009|EN 60669-2-1:2004 A12:2010|EN IEC 63000:2018

LOGISTICS INFORMATION

UNITARY EAN CODE
8421053194768

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
0

UNITARY PACKAGING GROSS WEIGHT
0.145

PRODUCT NET WEIGHT
0.145

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8421053194768

UNITS CONTAINED PACKAGING
1

PACKAGING HEIGHT
57

PACKAGING WIDTH
76

PACKAGING LENGTH
76

PACKAGING MEASUREMENT UNIT
MMT

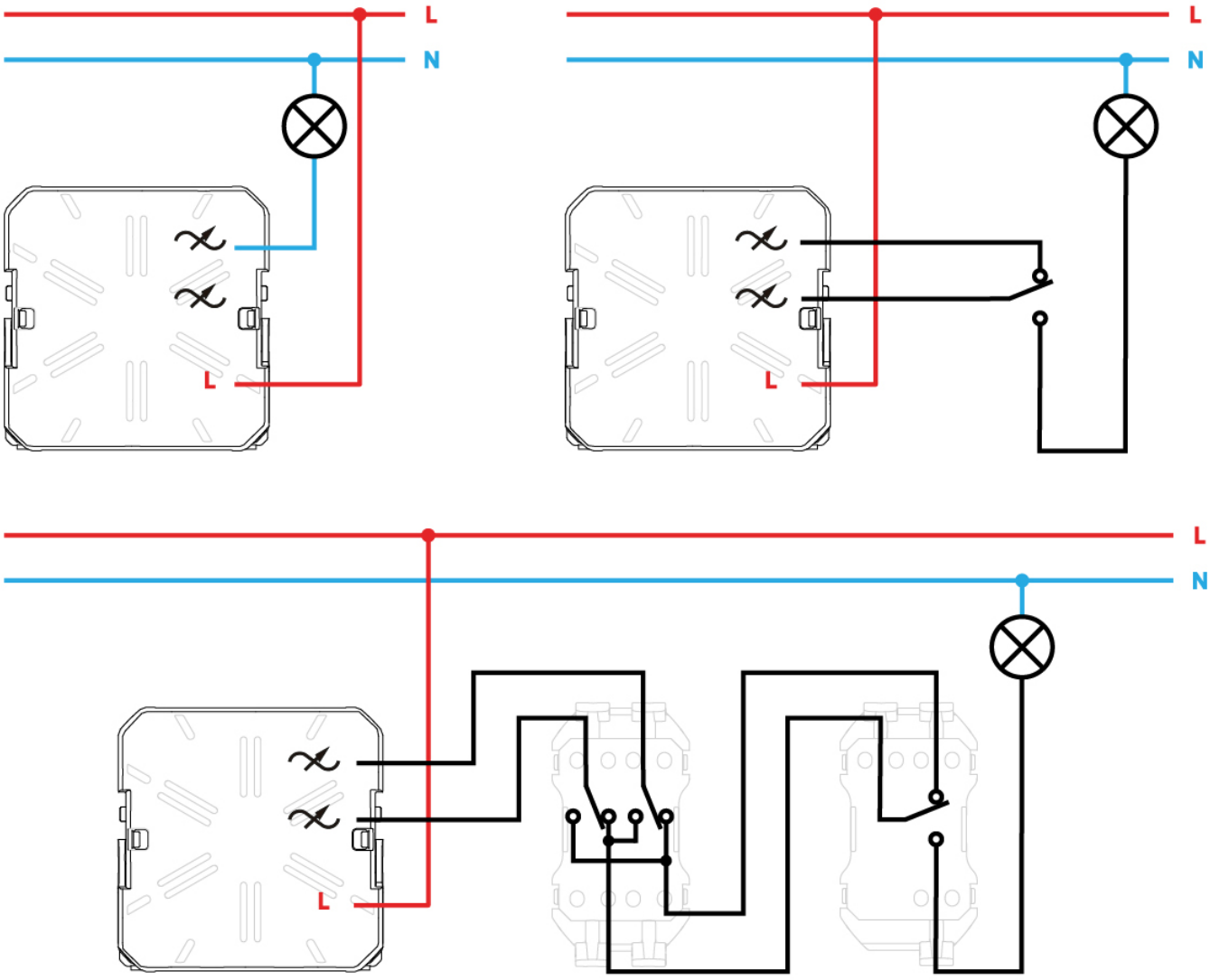
PACKAGING VOLUME
329232

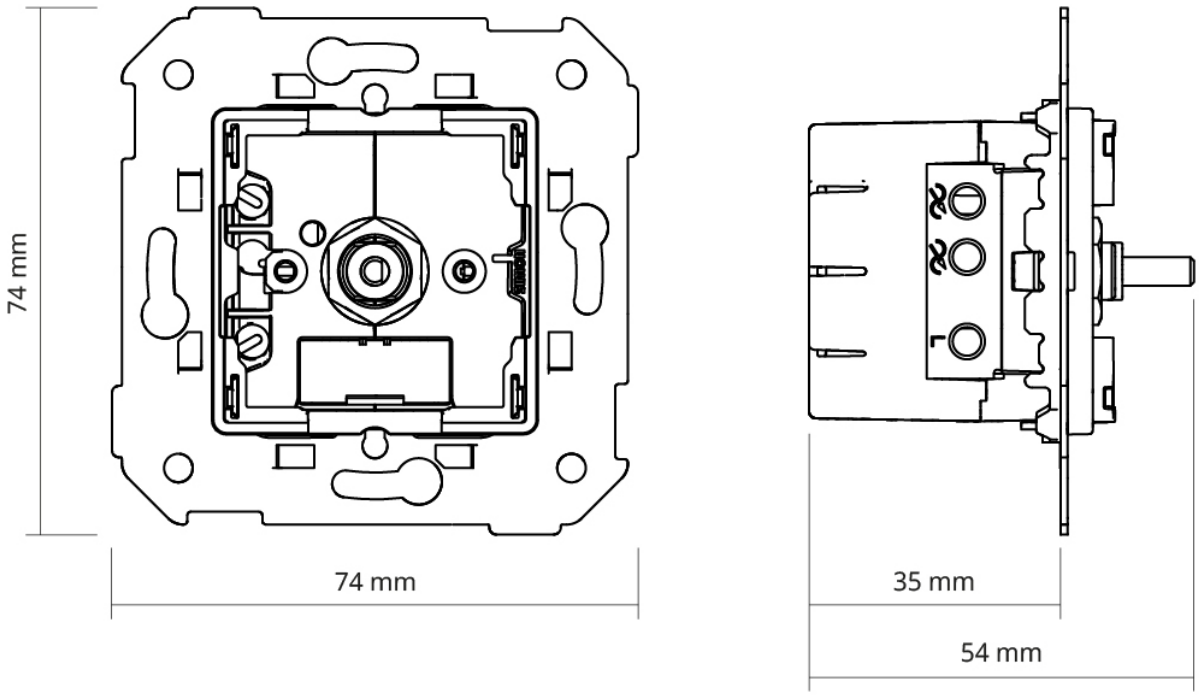
PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
0.145

PACKAGING NET WEIGHT
0.145

PACKAGING WEIGHT UNIT
KGM


L
N
L
L
N
L
L
N
L


74 mm
74 mm
2
2
L
35 mm
54 mm