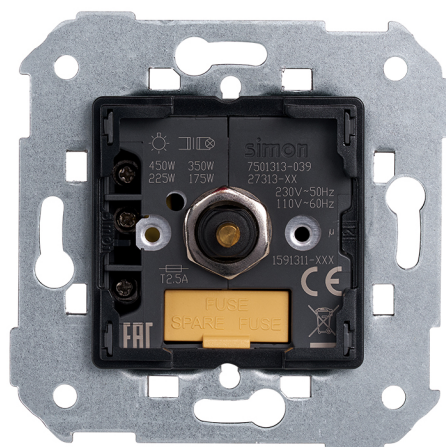


## Rotary electronic light dimmer-two way switch 450W Simon 75

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<sup>2</sup>, 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 °C. 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

### COMPATIBLE WITH 230V INCANDESCENT AND HALOGEN LAMPS (W)

40-450 W

### COMPATIBLE WITH MECHANICAL SWITCH

No

### COMPATIBILITY

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

### COMPATIBLE WITH MECHANICAL PUSH BUTTON

No

### PACKAGING CONTENTS

Dimmer and instruction sheet

### COMPATIBLE WITH MECHANICAL 2-WAY/CROSSOVER SWITCH

Yes

### ETIM CLASS

EC000025

### REMARKS

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

## TECHNICAL INFORMATION

### AVAILABLE MARKET

CE

### FREQUENCY

50 Hz

### MONOBLOCK

Yes

### ACOUSTIC FUNCTION

No

### INDICATOR FUNCTION

No

### NOMINAL VOLTAGE (V~)

230 V~

### CABLE SECTION ADMITTED (MM)

From 1,5 to 2,5 mm

### IP RATING

IP20

### OPERATING TEMPERATURE RANGE (°C)

0 - 40 °C

### COMPATIBLE WITH ELECTRONIC AUXILIARY

No

### LINKABLE

No

### POWER SUPPLY (V~)

230 V~

### NUMBER OF POSSIBLE ELEMENTS

1 element

### MAXIMUM POWER (W)

450

### RECESS DIMENSION (MM)

45

### TYPE OF MECHANISM

Rotary

### VERSION

Single

### COMPATIBLE WITH FLUORESCENT LAMPS WITH 1-10V DIMMABLE ELECTRONIC BALLAST

No

### MINIMUM POWER (W)

40

### VOLTAGE (V~)

230 V~

## INSTALLATION AND MAINTENANCE

### CABLE STRIPPING NECESSARY (MM)

11

### INSTALLABLE IN FLUSH MOUNT JUNCTION BOX

Universal

### INSTALLATION TYPE

Suitable for surface and flush mounting

### CLAW

Simon 27

### INSTALLATION DIRECTION

Horizontal, Vertical

### TYPE OF TERMINAL

CONNECTION - FUNCTION 1

Screw

### REMOVAL OF COVER

Only with tool

## 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

