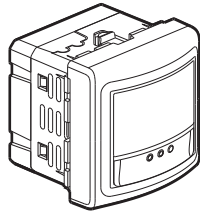


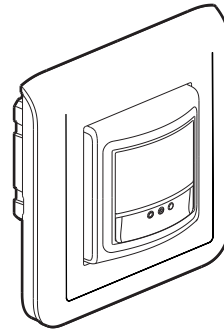
Mosaic™

2-wire automatic switch 100 VA LED 3-wire automatic switch 500 VA LED

Cat. No(s): 0 784 58A/59A - 0 791 58LA - 0 792 47A
0 992 14A - 0 996 22A
0 784 54A - 0 791 54LA - 0 792 58A - 0 488 97LA



0 784 59A



0 992 14A

1. USE

Universal automatic switches, with or without neutral, with infrared detection.

Allow automatic control of a light source by detection of movement in their surveillance zone.

Replace use of a traditional mechanical switch.

Recessed mounting in box depth 30 mm minimum.

Screw fixing.

2. RANGE

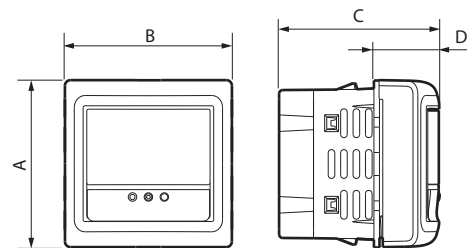
■ 2.1 2-wire automatic switch without neutral 100 VA LED

0 784 59A 0 996 22A White	2-wire automatic switch with override Supplied with cover-plate To be equipped with support frame and finishing plate
0 784 58A White	2-wire automatic switch, without override Supplied with cover-plate To be equipped with support frame and finishing plate
0 792 47A Aluminium	
0 791 58LA Matt black	
0 992 14A White	2-wire automatic switch with override Complete delivered

■ 2.2 3-wire automatic switch with neutral 500 VA LED

0 784 54LA White	3-wire automatic switch, without override Supplied with cover-plate To be equipped with support frame and finishing plate
0 792 58A Aluminium	
0 791 54LA Matt black	
0 488 97LA White	2-wire automatic switch without override Complete delivered

3. DIMENSIONS (mm)



Cat. No(s)	A	B	C	D
0 784 54A/58A/59A - 0 792 47A/58A 0 791 54LA/58LA - 0 996 22A	45	45	43	17.5
0 992 14A - 0 488 97LA	82	82	43	19

4. CONNECTION

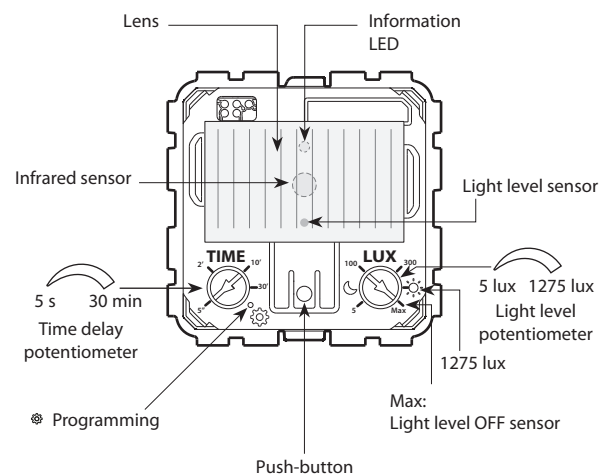
Type of terminals: with screws

Terminal capacity: 2 x 1.5 mm² - 1 x 2.5 mm²

Stripping length: 8 mm

Screwdriver: flat 4 mm

5. DESCRIPTION



6. TECHNICAL CHARACTERISTICS

■ 6.1 General characteristics

Motion detectors with 170° detection angle.
 Detection range: 8 m max.

■ 6.2 Mechanical characteristics

Impact tests: IK 04

Protection against solid bodies and liquids:

IP 20 mounted product

IP 40 mounted product with support frame and plate

■ 6.3 Material characteristics

Mechanism casing: PC

Lens: opalescent white

Cover-plate: ABS

Couleur : WhiteRAL 9003

 painted mat Black RAL 9017 satin finish

 painted Aluminium

Plate (complete product): White ABS RAL 9003 polyglass appearance

Halogen-free

UV-resistant

Self-extinguishing:

850°C/30 s for insulating components holding live parts in place

650°C/30 s for other insulating components.

■ 6.4 Climate characteristics

Usage temperature: -5°C to +35°C

Storage temperature: -10°C to +70°C













■ 6.5 Electrical characteristics - 2-wire without neutral

Voltage: 110-240 V~

Current: 0.63 A max.

Frequency: 50/60 Hz

Standby consumption: < 0.010 W

			(*) LED 	(*) 	(*) 	(*) 	(*) 
							
240 V~	Max.	150 W	100 VA	100 VA	150 VA	150 VA	150 VA
	Min.	2 W	2 VA	2 VA	2 VA	2 VA	2 VA
110 V~	Max.	75 W	50 VA	50 VA	75 VA	75 VA	75 VA
	Min.	2 W	2 VA	2 VA	2 VA	2 VA	2 VA

(*) If the load malfunctions, it may be necessary to use bleeder Cat. No. 0 401 49.

Important: Take transformer losses into account when calculating the power.













■ 6.6 Electrical characteristics - 3-wire with neutral

Voltage: 110-240 V~

Current: 8.5 A MAX

Frequency: 50/60 Hz

Standby consumption: < 0.015 W

			LED 				
							
240 V~	Max.	2000 W	500 VA	500 VA	1000 VA	1000 VA	1000 VA
110 V~	Max.	1000 W	250 VA	250 VA	500 VA	500 VA	500 VA

Important: Take transformer losses into account when calculating the power.

6. TECHNICAL CHARACTERISTICS *(continued)***■ 6.7 Energy characteristics**

Standby consumption for 1000 hours:

2-wire without neutral: 0.088 kWh/1000 h

3-wire with neutral: 0.131 kWh/1000 h

7. CLEANING

Keep the lens clean.

Surface cleaning with a cloth.

Resistance to the following agents:

Hexane (EN 60669-1), methylated spirits, soapy water, diluted ammonia, pure bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.

Caution: Always test before using other special cleaning product.

8. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.

See e. catalogue.