



legrand
752X70A
Automatic
Switch With
and Without
Neutral



legrand 752X70A Automatic Switch With and Without Neutral Owner's Manual

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legrand 752X70A Automatic Switch With and Without Neutral



Specifications

- Product Name: Valena LIFE/ALLURETM Automatic switch with and without neutral
- Cat. No(s): 7 52X 70A/72A/73A/177A/770A/870A/970A 756373A
- Color: White, Ivory, Aluminium, Black
- Motion sensor options: With or without neutral, 2 or 3 wires
- IP Rating: IP44

Product Usage Instructions

Installation

Ensure the power is switched off before installation. Mount the automatic switch in a recessed box with a minimum depth of 30mm using screw fixing.

Connection

Use a flat 4mm screwdriver to connect the wires. Terminal capacity is 2 x 1.5 mm² or 1 x 2.5 mm² with an 8mm stripping length.

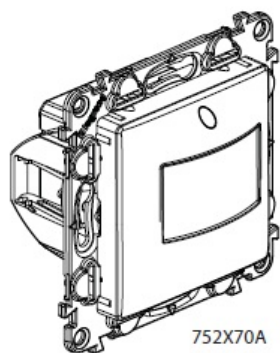
Programming

Adjust the time delay potentiometer for the desired delay time between 5 seconds to 30 minutes. Set the light level sensor according to your preference.

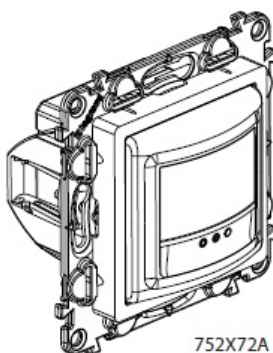
Technical Characteristics

- Mechanical characteristics: Impact tests: IK 04, Protection: IP 20 mounted product, IP 40 mounted product with support frame and plate.
- Material characteristics: Mechanism casing: PC, Lens: opalescent white, Cover-plate: ABS.

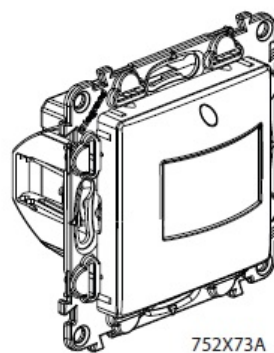
Overview



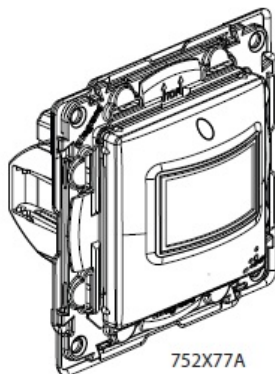
752X70A



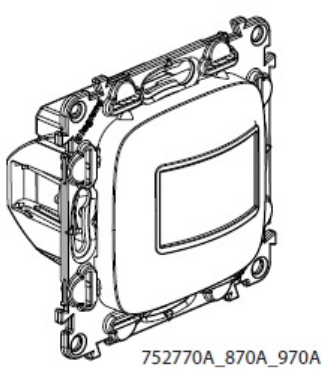
752X72A



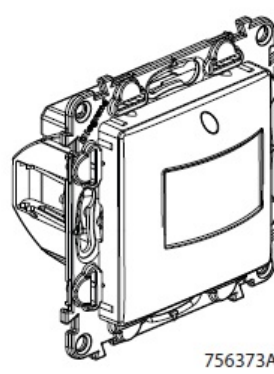
752X73A



752X77A



752770A_870A_970A



756373A

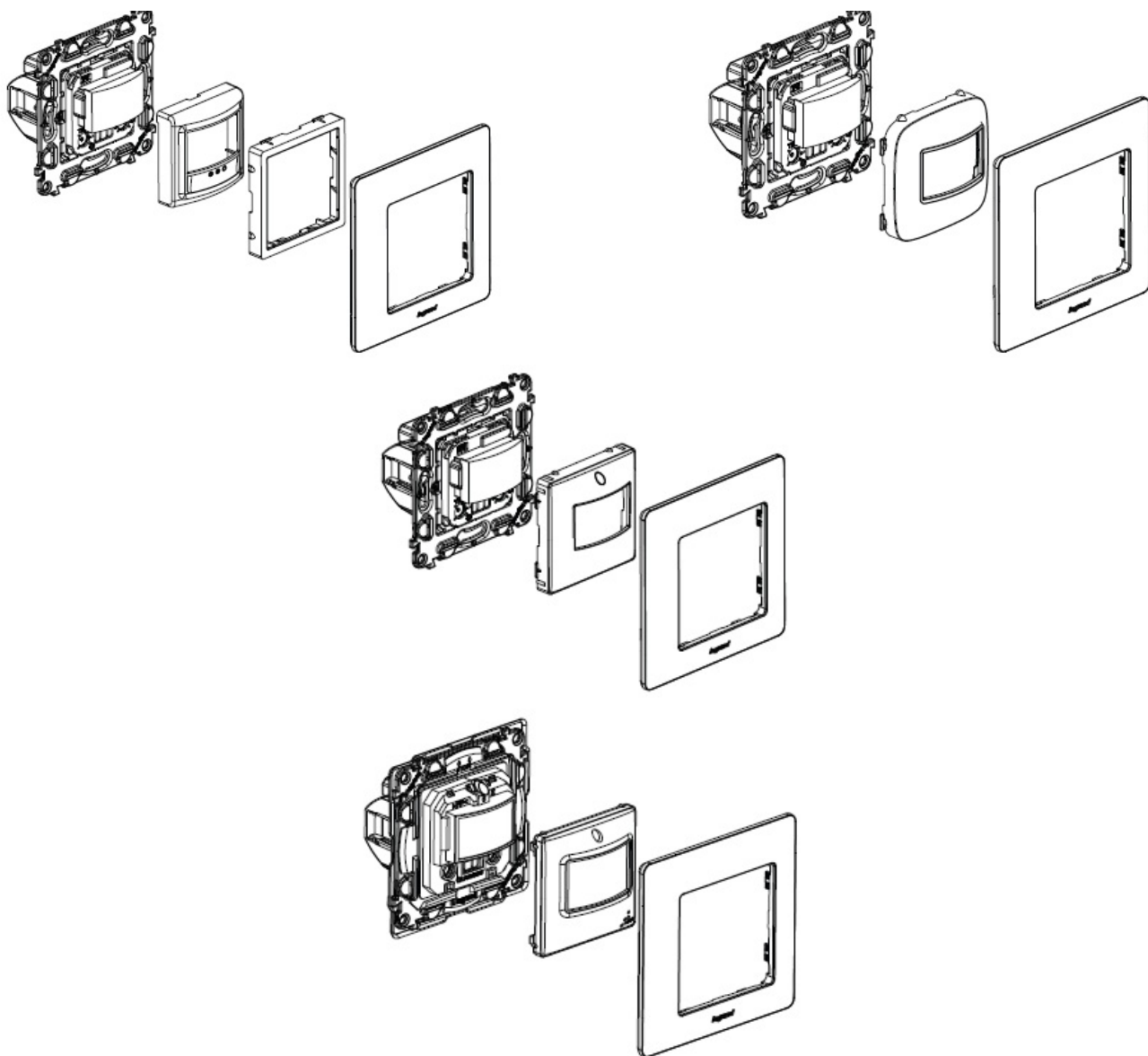
USE

- 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.

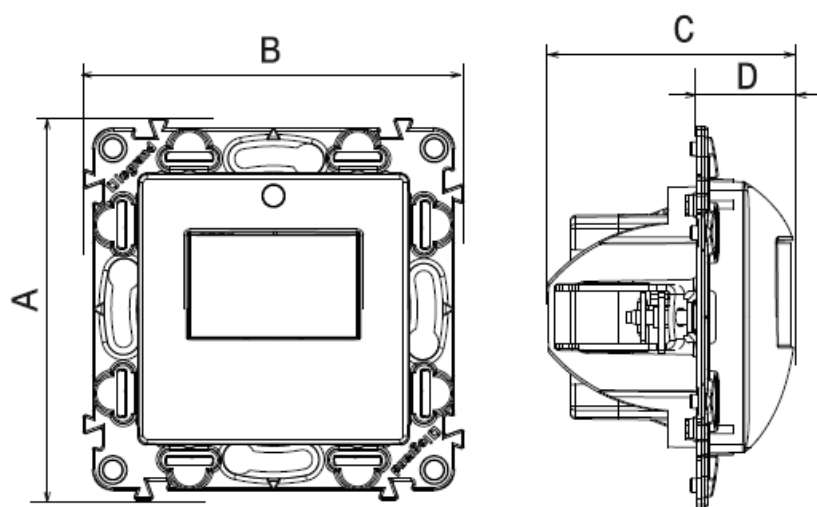
RANGE

Description	White	Ivory	Aluminium	Black
Motion sensor without neutral 2 wires	7 521 70A/72A/770A	7 522 70A/72A/870A	7 523 70A/72A/970A	
Motion sensor with neutral 3 wires	7 521 73A	7 522 73A	7 523 73A	7 563 73A
IP44 Motion sensor without neutral 2 wires	7 521 77A			

DISMANTLING



DIMENSIONS (mm)

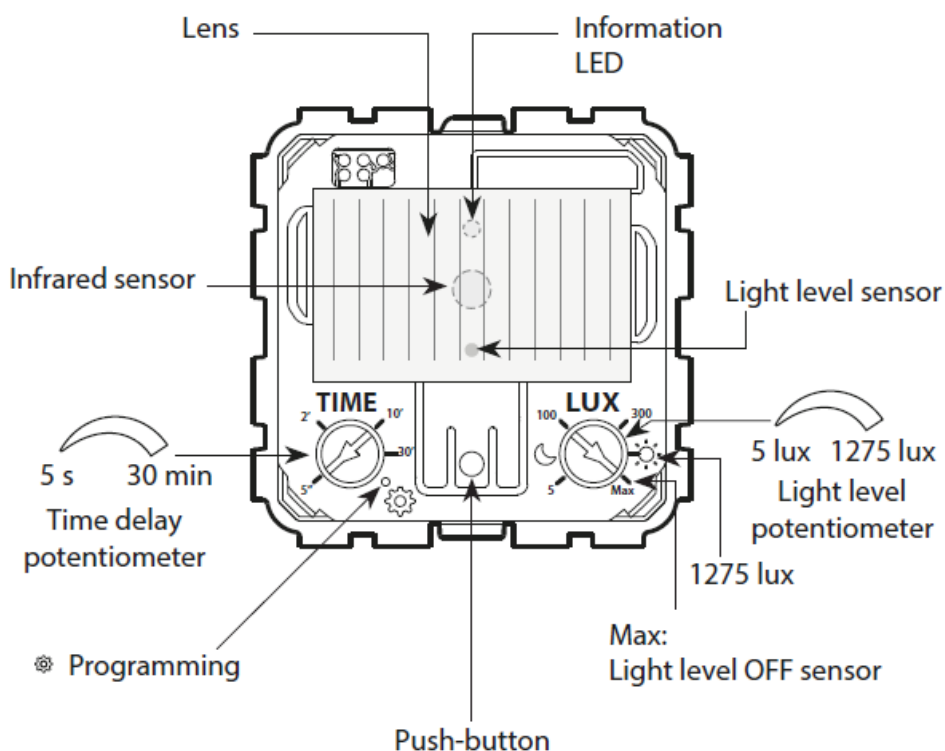


References	A	B	C	D
7 52X 70A	74,7	74,7	47,9	19
7 52X 72A	74,7	74,7	47,5	18,6
7 52X 73A	74,7	74,7	47,9	19
7 521 77A	78,2	78,2	48,7	20,9
7 527 70A/8 70A/9 70A	74,7	74,7	48	19
7 563 73A	74,7	74,7	47,9	19

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

DESCRIPTION



TECHNICAL CHARACTERISTICS

General characteristics

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

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

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:






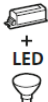






- 850°C/30 s for insulating components holding live parts in place
- 650°C/30 s for other insulating components.

Climate characteristics

- **Usage temperature:** -5°C to +35°C
- **Storage temperature:** -10°C to +70°C

Electrical characteristics – 2-wire without neutral






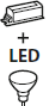






- **Voltage:** 110-240 V~
- **Current:** 0.63 A max.
- **Frequency:** 50/60 Hz
- **Standby consumption:** < 0.010 W

			(*)  LED	(*) 	(*)  +	(*)  +	(*)  + 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.

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.

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

CLEANING

- Keep the lens clean.
- Surface cleaning with a cloth.
- Do not use: acetone, tar remover, trichlorethylene.
- Maintenance with the following products: Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Bleach diluted to 10%, Window cleaning products.

Caution: Always test before using other special cleaning products.

STANDARDS AND APPROVALS

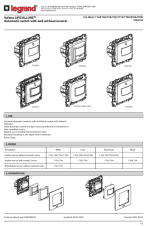
Compliance with standards of installation and manufacturing.

Refer to e. catalogue.

FAQ

- **Q: What should I do if the load malfunctions?**
 - A: If the load malfunctions, it may be necessary to use bleeder Cat. No. 0 401 49. Take transformer losses into account when calculating the power.
- **Q: What is the standby consumption for 1000 hours?**
 - A: Standby consumption for 1000 hours is 0.088 kWh/1000 h for 2-wire without neutral and 0.131 kWh/1000 h for 3-wire with neutral.
- **Q: Can I use special cleaning products to clean the automatic switch?**
 - A: Always test before using other special cleaning products to avoid any damage to the product.

Documents / Resources



[legrand 752X70A Automatic Switch With and Without Neutral](#) [pdf] Owner's Manual
752X70A, 752X72A, 752X73A, 752X77A, 752770A, 752870A, 752970A, 756373A, 752X70A Automatic Switch With and Without Neutral, 752X70A, Automatic Switch With and Without Neutral, Without Neutral

References

- [User Manual](#)

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