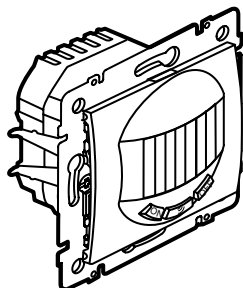


## Valena™ Automatic switches - 1000 W

Cat. No(s): 770 089 - 770 289 - 774 189



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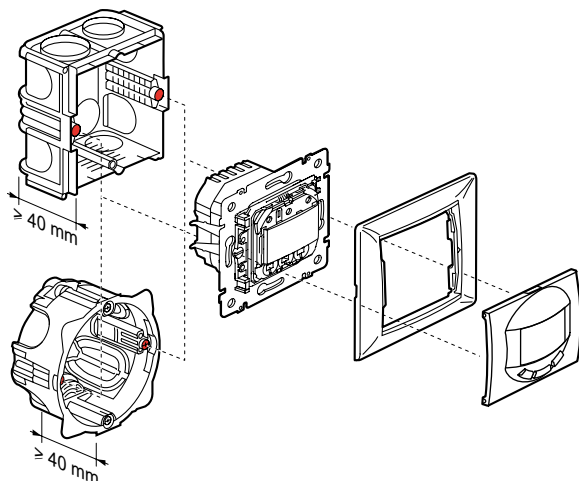
### 1. GENERAL CHARACTERISTICS

Infrared detection automatic switches with neutral.

### 2. RANGE

|                                                                                     | Designation                          | Cat. No.                      | Number of gangs | Connection method | Weight (g) | Characteristics              |
|-------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|-----------------|-------------------|------------|------------------------------|
|  | Automatic switch with neutral 3 wire | 770 089<br>770 289<br>774 189 | 1               | With screws       | 100        | 110-230 V<br>50 Hz<br>1000 W |

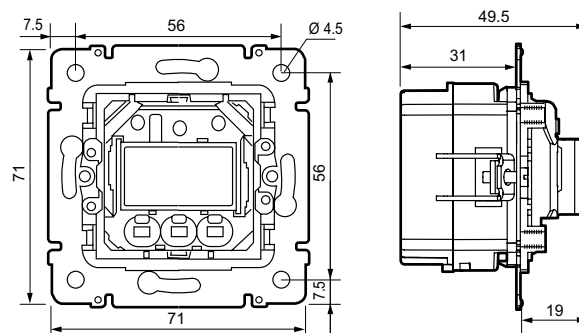
### 3. FITTING



- 1 - The mechanism/support assembly is screwed to the flush-mounting box.
- 2 - The plate is clipped to the support.

Cat. No.: 7700 89 - Colour: white  
Cat. No.: 7741 89 - Colour: ivory  
Cat. No.: 7702 89 - Colour: aluminium

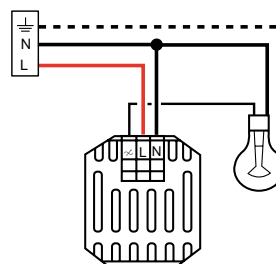
### 4. OVERALL DIMENSIONS



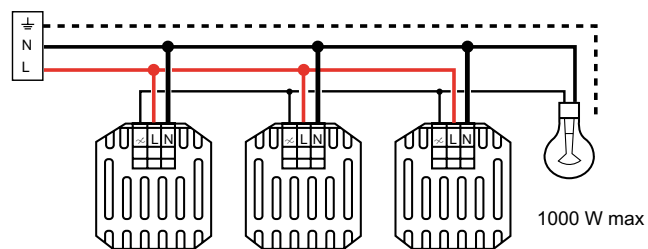
### 5. CONNECTION

Number of terminals: 3  
Terminal type: Cage-type connector  
Terminal capacity: 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>  
Tool: 3.5 mm flat-blade screwdriver  
or Philips N° 1  
or Pozidriv No. 1  
or combined size 0.

#### 5.1 Mounting with a switch

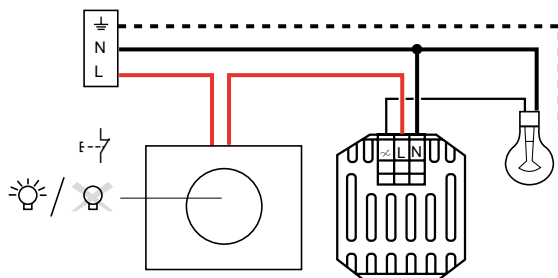


#### 5.2 Mounting with several combined switches



## 5. CONNECTION (cont'd)

### 5.3 Mounting with remote pushbutton (NC)

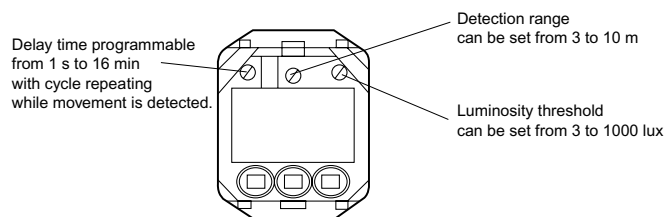


## 6. OPERATION

### 6.1 General operation

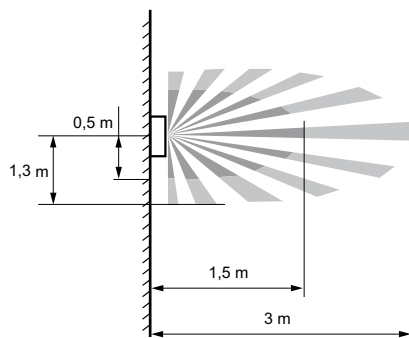
- Horizontal detection angle: 180°.
- Remote manual control possible with a NC pushbutton.
- On/off functions
- To be fitted in a flush-mounting box at least 50 mm deep.

### 6.2 Detection levels



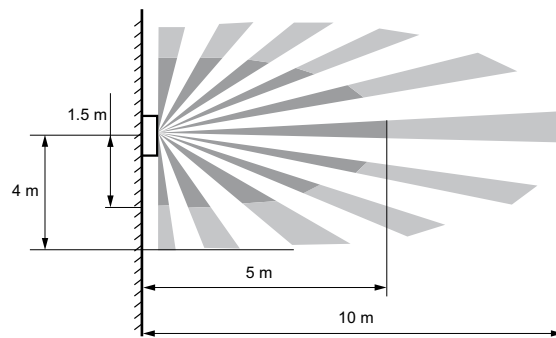
### Horizontal detection

Range set across 3 m



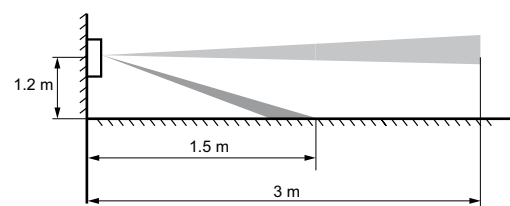
## 6. OPERATION (cont'd)

Range set across 10 m

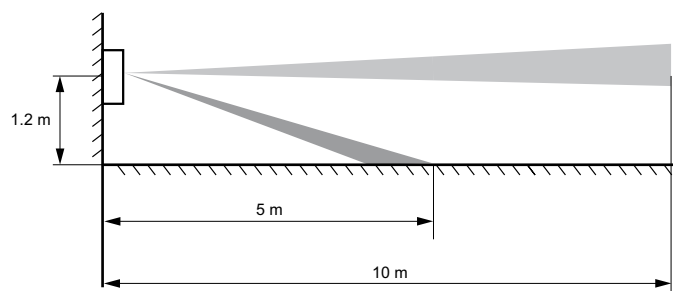


### Vertical detection

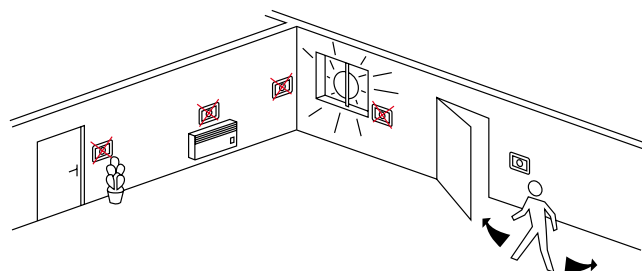
Range set across 3 m



Range set across 10 m



### 6.3 Guidelines for use



# Automatic switches - 1000 W

## 7. TECHNICAL DATA

### 7.1 Mechanical characteristics

Impact tests: IK 02

Penetration by solid/liquid bodies: IP 20 (C15-100)

### 7.2 Material characteristics

Cover: Polycarbonate

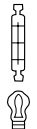
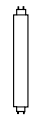
Base: Polycarbonate

### 7.3 Electrical characteristics

Self-extinguishing: 650°C / 30 s

Voltage: 110 - 230 V

Frequency: 50 - 60 Hz

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|
|  |  |  |  |  |  |  |  |  |                          |
| ①                                                                                 | ②                                                                                 | ③                                                                                 | ④                                                                                 | ⑤                                                                                 | ⑥                                                                                 | ⑦                                                                                 | ⑧                                                                                 | ⑨                                                                                 |                          |
| 230 V~                                                                            | 1000 W                                                                            | 1000 W                                                                            | 500 VA                                                                            | 500 VA                                                                            | 500 VA                                                                            | 500 VA                                                                            | 100 VA                                                                            | 1000 W                                                                            | $I_{\max} < 2 \text{ A}$ |
| 110 V~                                                                            | 500 W                                                                             | 500 W                                                                             | 250 VA                                                                            | 250 VA                                                                            | 250 VA                                                                            | 250 VA                                                                            | 50 VA                                                                             | 500 W                                                                             | $I_{\max} < 1 \text{ A}$ |

1 - Incandescent lamp

2 - Halogen lamp

3 - ELV halogen lamp with electronic or ferromagnetic transformer

4 - Fluorescent tube: Ø 16, 26 or 38 mm

5 - Compact fluorescent lamp with built-in ballast

6 - Compact fluorescent lamp with separate transformer

7 - Fan motor

8 - Heating resistor without thermostat

9 - Contactors

### 7.4 Climatic characteristics

Storage and operating temperatures: 0° C to + 35° C

## 8. CLEANING

Ensure the product operates properly by keeping the lens clean and clear of obstacles.