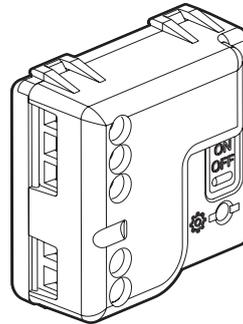


## Connected lighting micromodule

Cat. Nos: 0 648 88 - 5 742 43



### 1. USE

Connected lighting micromodule switch.

Can be used to create a one-way switch, 2-way switch or remote switch function without pulling wires.

If replacing an existing remote switch, the wired pushbutton control runs can be retained.

Its receiver function allows it to be combined with 1-gang or 2-gang radio control units (wireless transmitters), IR detectors.

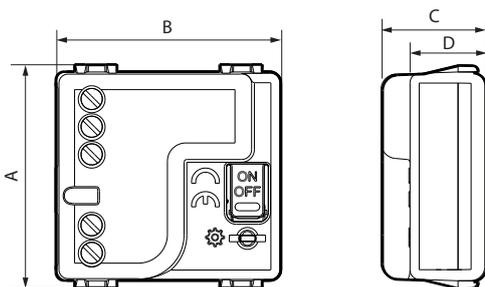
For installation in a ceiling light, wall lighting strip or in a panel.

Can be combined with one or more wireless lighting controls.

### 2. RANGE

| Description  | Cat. No. |
|--|----------|
| Connected micromodule with 1 ON/OFF circuit  | 0 648 88 |
| Lighting micromodule switch up to 300 W.   | 5 742 43 |
| Equipped with an LED indicator (configuration) and a RESET button (hidden) used to return to factory settings. |          |

### 3. DIMENSIONS (mm)



| A  | B  | C    | D    |
|----|----|------|------|
| 40 | 40 | 18.5 | 13.5 |

### 4. CONNECTION

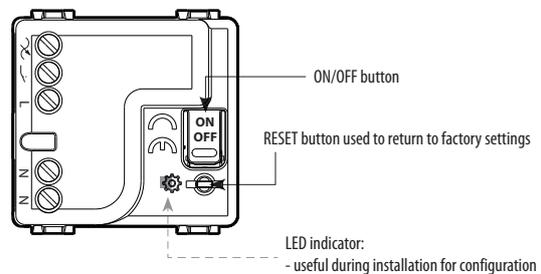
Terminal type: screw

Terminal capacity: 1 x 2.5 mm<sup>2</sup> - 2 x 1.5 mm<sup>2</sup>

Stripping length: 6 mm

3 mm flat screwdriver

### 5. OPERATION



### 6. TECHNICAL CHARACTERISTICS

#### 6.1 Mechanical characteristics

Protection against impacts: IK 04

Protection against solid bodies/liquids: IP 20

#### 6.2 Material characteristics

Polycarbonate

Self-extinguishing:

85°C/30 s for insulating components holding live parts in place.

65°C/30 s for other insulating components.

#### 6.3 Electrical characteristics

**ZigBee radio technology** frequency 2.4 GHz to 2.4835 GHz

Power level: < 100 mW

5 terminals: 1 auxiliary input

1 phase cut

1 phase

2 neutral

Consumption: - operation: 0.5 W

- standby: 0.2 W

Voltage: 100-240 V~

Frequency: 50/60 Hz

**6. TECHNICAL CHARACTERISTICS** *(continued)*

**6.3 Electrical characteristics** *(continued)*

Table of loads

|        |      | R   | L  |   |   |   |
|--------|------|---|--|---|---|---|
|        |      |  | LED<br> |  |  |  |
|        |      |  |         |  |  |  |
| 240 V~ | Max. | 300 W   | <sup>(*)</sup> 100 W   | 250 W   | 250 VA  | 250 VA  |
| 100 V~ | Max. | 150 W   | <sup>(*)</sup> 50 W  | 125 W   | 125 VA  | 125 VA  |

<sup>(\*)</sup> Or 10 lamps max. For comfortable lighting, we recommend using bulbs of the same type and make.

<sup>(\*\*)</sup> The ferromagnetic transformers must be charged to more than 60% of their power. When calculating the permissible power, the ferromagnetic transformer efficiency must be taken into account. A load must be connected before programming and using the product.

**6.4 Climate characteristics**

Usage temperature: +5°C to +45°C

Storage temperature: 0°C to +45°C

**7. CARE**

Clean the surface with a cloth.

Do not use acetone, tar-removing cleaning agents or trichloroethylene.

**Caution:** Always test before using special cleaning products.

**8. STANDARDS AND APPROVALS**

The undersigned, LEGRAND, declares that the radio-electric equipment type (0 648 88 - 5 742 43) complies with directive 2014/53/EU.

The full text of the EU declaration of conformity is available on the following website: [www.legrandoc.com](http://www.legrandoc.com)