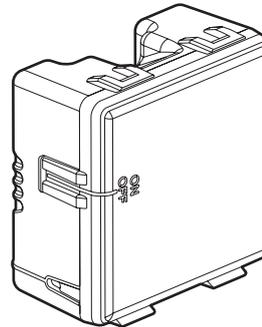
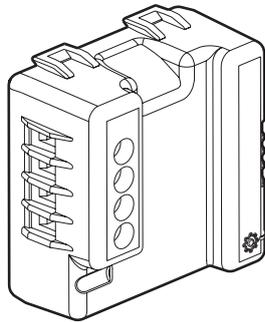


## Connected lighting micromodule with dimmer option

Cat. No(s): 0 648 99



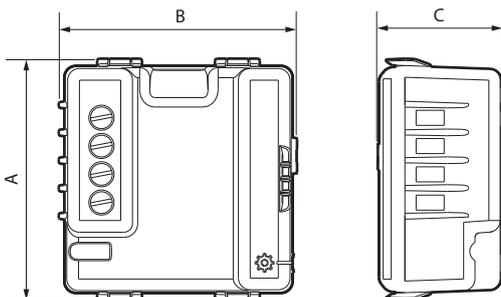
### 1. USE

Connected lighting micromodule with dimmer option.  
 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.

### 2. RANGE

Description	Cat. No.
Connected micromodule with 1 ON/OFF circuit (with dimmer option). Equipped with an LED indicator (configuration) and a RESET button (hidden) used to return to factory settings.	0 648 99

### 3. DIMENSIONS (mm)

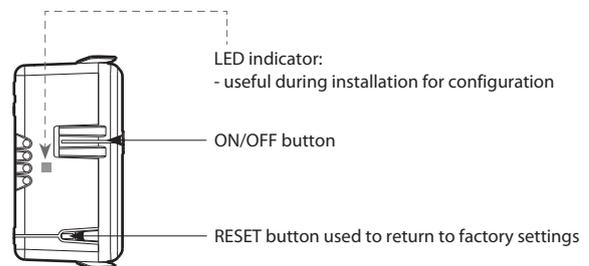


A	B	C
43.5	42.5	22

### 4. CONNECTION

Terminal type: with screws  
 Terminal capacity: 1 x 2.5 mm<sup>2</sup> - 2 x 1.5 mm<sup>2</sup>  
 Stripping length: 7 mm  
 Screwdriver: flat 3 mm

### 5. OPERATION



### 6. TECHNICAL CHARACTERISTICS

#### 6.1 Mechanical characteristics

Protection against impacts: IK04  
 Protection against solid bodies/liquids: IP20

#### 6.2 Material characteristics

Polycarbonate  
 Self-extinguishing:  
 850°C/30 s for insulating components holding live parts in place.  
 650°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

4 terminals: 1 auxiliary input  
 1 phase cut  
 1 phase  
 1 neutral

Standby consumption: 0.7 W

Voltage: 110-240 V~  
 Power: 150 W  
 Frequency: 50/60 Hz

## 6. TECHNICAL CHARACTERISTICS *(continued)*

### ■ 6.3 Electrical characteristics *(continued)*

#### Load table

			LED 		
					
240 V~	Max.	150 W	<sup>(*)</sup> 150 VA	150 VA	150 VA
110 V~	Max.	75 W	<sup>(*)</sup> 75 VA	75 VA	75 VA

<sup>(\*)</sup> For a good light comfort, it is recommended to use bulbs of the same type and the same manufacturer. (MAX. 15 bulbs).

The connected switch with neutral (with dimmer option) works with standard or dimmable bulbs including LED.

**LED dimmable bulbs are mandatory for an optimal dimmer usage.**

### ■ 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.

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

## 8. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.

See e-catalogue.

The undersigned, LEGRAND, declares that the radio-electric equipment type (0 648 99) 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)