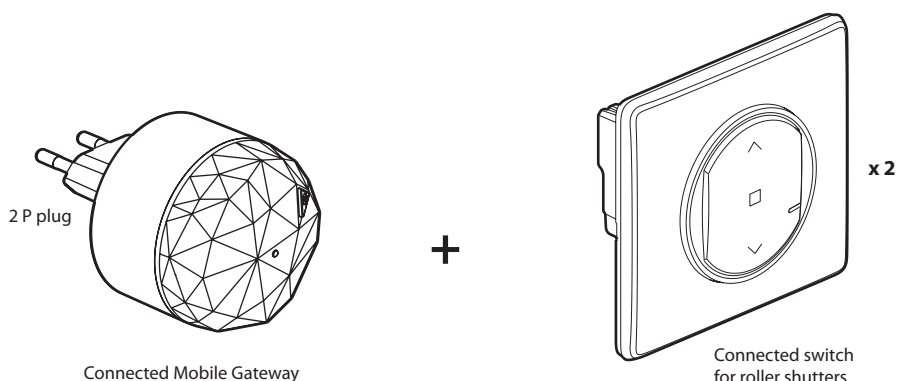


Céliane™ with Netatmo Connected starter pack for roller shutters

Cat. No(s): 1 991 50



1. USE

This product enables you to create a connected installation in your home. For local or remote control of roller shutters or orientable sun shades to connected sockets:

- using your smartphone and the Home + Control app,
- using voice assistants,
- from the general command.

Includes:

- **A connected mobile gateway** (Zigbee/WiFi gateway).
with 2 P plug type C, for plugging into a mobile or wall outlet.
Equipped with an LED indicator (configuration) and a setting button.
- **2 connected switches for roller shutters**
(complete with plates, support frames and rockers)

For local or remote control of roller shutters or orientable sun shades. Can be combined with one or more wireless roller shutters controls. Can be installed in place of an existing roller shutters switch in a flush-mounting box 40 mm deep (minimum). The Céliane with Netatmo solution is compatible with roller shutters and orientable sun shades (OSS) with a mechanical or electromechanical stop, controlled by a standard wired switch for roller shutter.

Caution: Must be connected to the neutral.

Not compatible with radio-controlled roller shutters motors.

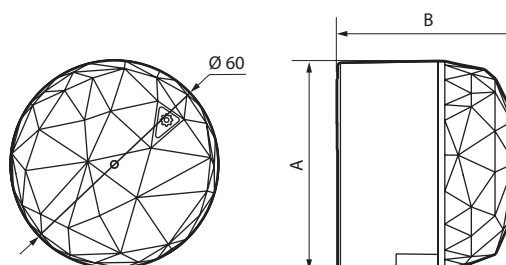
Screw fixing.

Self calibration function to enable roller shutters level control. Orientable sun shades control function (to be selected in Home + Control App).

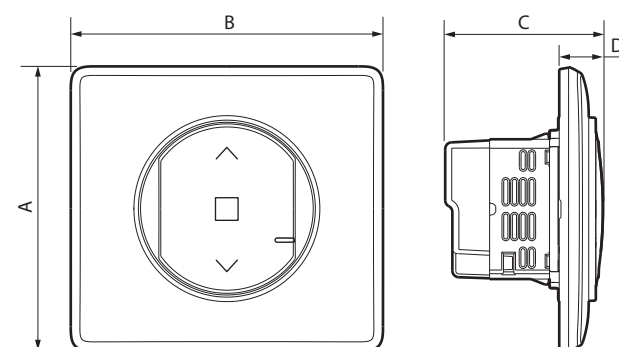
2. RANGE

Designation	White
Connected "plug and play" starter pack rolling shutter	1 991 50

3. DIMENSIONS (mm)



Connected mobile gateway	A	B
	60	51.5



Wired connected switch	A	B	C	D
	82	90	46	13

4. CONNECTION

■ 4.1 Connected mobile control socket:

Connects directly to a 2 P or 2 P+E compatible Europlug Type C socket.

■ 4.2 Connected wired switch:

Type of terminals: with screws

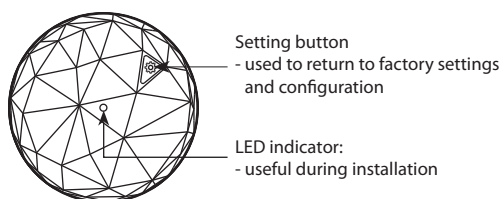
Terminal capacity: 2 x 1.5 mm² or 1 x 2.5 mm²

Stripping length: 8 mm

Screwdriver: flat 3 mm

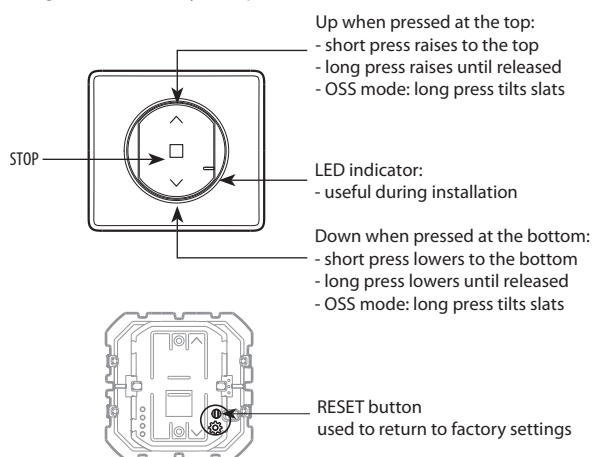
5. OPERATION

■ 5.1 Connected mobile gateway:



■ 5.2 Connected switch for roller shutter:

Integrated time delay for up/down inversion = 500 ms



6. TECHNICAL CHARACTERISTICS

■ 6.1 CONNECTED MOBILE SOCKET

■ 6.1.1 Mechanical characteristics

Protection against impacts: IK 04
 Protection against solid bodies/liquids: IP 20

■ 6.1.2 Material characteristics

Mechanism casing: ABS + PC
 Colour: black

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.

■ 6.1.3 Electrical characteristics

WiFi technology 2.4 GHz (13 channels)

Zigbee radio technology frequency 2.4 GHz to 2.4835 GHz
 Power level: < 100 mW

Range: 200 m of unobstructed space
 10 m between products

Plug:

Current: 2.5 A
 Voltage: 100 - 240 V~
 Frequency: 50/60 Hz

■ 6.1.4 Climate characteristics

Storage temperature: 0°C to +45°C
 Usage temperature: +5°C to +45°C

6. TECHNICAL CHARACTERISTICS (continued)

■ 6.2 CONNECTED SWITCH FOR ROLLER SHUTTER

■ 6.2.1 Mechanical characteristics

Protection against impacts: IK 04
 Protection against solid bodies/liquids: IP 41 assembled product

■ 6.2.2 Material characteristics

Mechanism casing: PC
 Grid: 6.6 PA + Galfan steel
 Rocker plate and plate: White ABS RAL 9003

Halogen-free
 UV-resistant

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

■ 6.2.3 Electrical characteristics

Voltage: 110/230 V~
 Power: 500 W
 Standby consumption: 0.1 mA

Zigbee technology 2.4 GHz to 2.4835 GHz
 Power level: < 100 mW

Range: 200 m of unobstructed space
 10 m between products indoors

■ 6.2.4 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.

Resistant to the following products:
 Hexane (EN 60669-1), methylated spirit, soapy water, diluted ammonia, bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.

Caution: Always test before using special cleaning products.

9. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.
 See e-catalogue.

The undersigned, LEGRAND, declares that the radio-electric equipment type (1 991 50) complies with directive 2014/53/EU.

The full text of the EU declaration of conformity is available on the following website: www.legrandoc.com