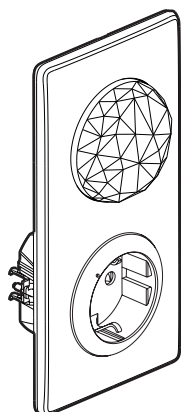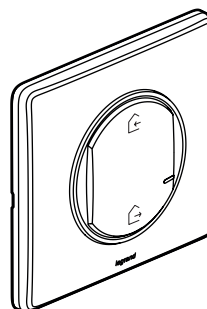# Céliane™
Connected starter pack

Cat. Nos: 0 648 20/27/28 - 0 648 72/73/74

0 648 20

0 648 72

1. USE

This pack enables you to create a connected installation in your home. It can be used to control lighting, roller shutters and electrical equipment plugged into connected sockets:
- using your smartphone and the Home + Control app
- using voice assistants
- from the general control at the entrance to your home

Comprises:

• A Control socket (Zigbee relay/WiFi)
Installation in 1-gang box 40 mm deep (minimum), instead of a standard socket outlet.
Claw and/or screw fixing.
Connected socket which can be controlled by a wireless lighting control and/or remotely via your smartphone.
The socket can be used to measure instantaneous and total consumption of the connected device, which can be viewed on the Home + Control app.
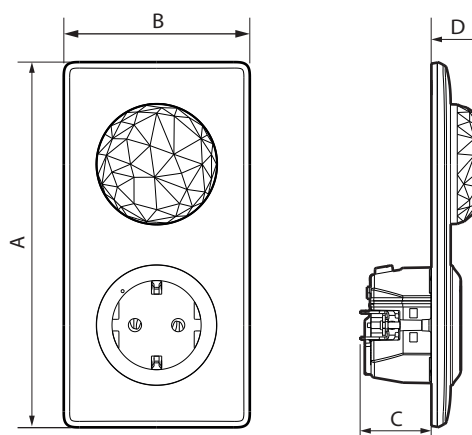One-piece mechanism (grid + mechanism).

• A wireless general control, used to control leaving home/coming home scenes involving lights, roller shutters and connected sockets.
- Fixes directly on the wall or screws onto a flush-mounting box. Multi-gang versions can be combined with other wiring accessories.
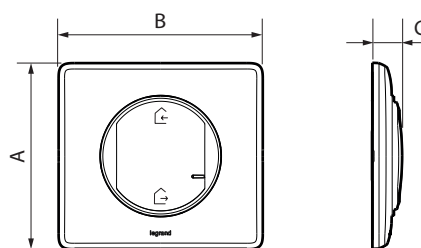- Fits on a piece of furniture (movable).

2. RANGE

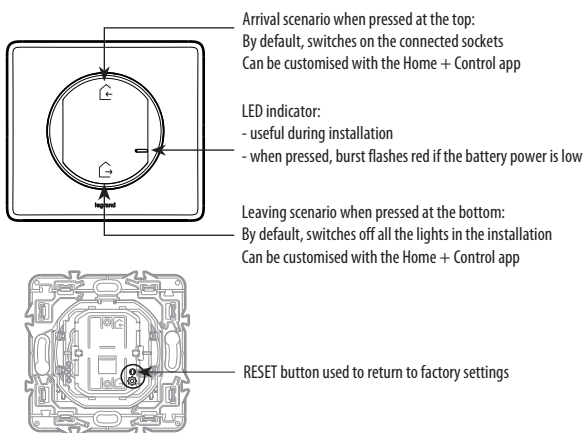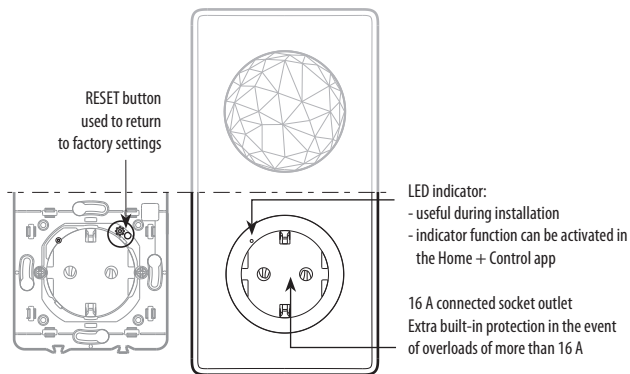| Description	White	Titanium	Graphite
Connected relay socket. Supplied complete with finishing plate and site protection covers. Equipped with a RESET button (hidden) used to return to factory settings.	0 648 20	0 648 27	0 648 28
Additional wireless general control. Supplied complete with battery, finishing plate. Equipped with an LED indicator (configuration and a RESET button (hidden) used to return to factory settings. Repositionable self-adhesive fixings supplied.	0 648 72	0 648 73	0 648 74

3. DIMENSIONS (mm)

Cat. Nos.	A	B	C	D
0 648 20/27/28	161	82	31.5	23

Cat. Nos.	A	B	C
0 648 72/73/74	82	90	13

4. OPERATION

RESET button used to return to factory settings

LED indicator:
- useful during installation
- indicator function can be activated in the Home + Control app

16 A connected socket outlet
Extra built-in protection in the event of overloads of more than 16 A

Arrival scenario when pressed at the top:
By default, switches on the connected sockets
Can be customised with the Home + Control app

LED indicator:
- useful during installation
- when pressed, burst flashes red if the battery power is low

Leaving scenario when pressed at the bottom:
By default, switches off all the lights in the installation
Can be customised with the Home + Control app

RESET button used to return to factory settings

> ⚠ **The starter pack is pre-paired at the factory.**
> **Never perform a factory RESET on the control socket and the wireless general control at the same time, as this may render them unusable.**

5. CONNECTION

Control socket
Terminal type: automatic
Terminal capacity: 2 x 2.5 mm²
Stripping length: 11 mm

6. TECHNICAL CHARACTERISTICS

■ 6.1 Mechanical characteristics
Control socket:
Protection against impacts: IK 04
Protection against solid bodies and/or liquids: IP 40 assembled product

General control:
Protection against impacts: IK 02
Protection against solid bodies and/or liquids:
- IP 20 without rocker plate and plate
- IP 40 for assembled product

■ 6.2 Caractéristiques matières prise control

Colour	White RAL 9003	Titanium	Graphite
Plate	ABS + PC	ABS + Metal	ABS + Metal
Cover plate	PC	PC peint	PC peint

Mechanism casing: PC
Support: Fibreglass-reinforced (20%) PC

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.

■ 6.3 Material characteristics of general control

Colour	White RAL 9003	Titanium	Graphite
Plate	ABS + PC	ABS + Metal	ABS + Metal
Rocker plate	ABS	Painted ABS	Painted ABS

Mechanism casing with grid: Fibreglass-reinforced (10%) PC
Halogen-free
UV resistant
Self-extinguishing: 650° C / 30 s

■ 6.4 Electrical characteristics of control socket
Voltage: 110/230 V~
Current: 16 A
Power: 3680 W max.
Frequency: 50/60 Hz
Standby consumption: 0.1 mA

WiFi technology 2.4 GHz (13 channels) - IEEE 802.11 b/g/n

ZigBee radio technology frequency: 2.4 GHz to 2.4835 GHz
Wireless mesh network, self-adaptive and secure (AES 128), conforming to standard IEEE 802.15.4 (LR-WPAN)
Power level: REC 70-03 < 20 dBm

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

■ 6.5 Electrical characteristics of general control
Powered by a CR2032 - 3 V lithium battery (supplied)
Battery life: 8 years for 10 activations a day

ZigBee radio technology frequency: 2.4 GHz to 2.4835 GHz
Wireless mesh network, self-adaptive and secure (AES 128), conforming to standard IEEE 802.15.4 (LR-WPAN)
Power level: REC 70-03 < 20 dBm

■ 6.6 Climate characteristics
Storage temperature: 0° C to + 45° C
Usage temperature: +5° 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.

The plates must not be painted.

Take care to recycle the battery appropriately.

8. ACCESSORIES

0 648 71: Repositionable adhesive for wireless control (x 4 supplied)
0 648 12: White rocker plate
0 648 22: Titanium rocker plate
0 648 32: Graphite rocker plate
Replacement cover plate for the socket outlet

9. STANDARDS AND APPROVALS

The undersigned, LEGRAND, declares that the radio-electric equipment type (0 648 20/27/28 - 0 648 72/73/74) complies with directive 2014/53/EU.

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