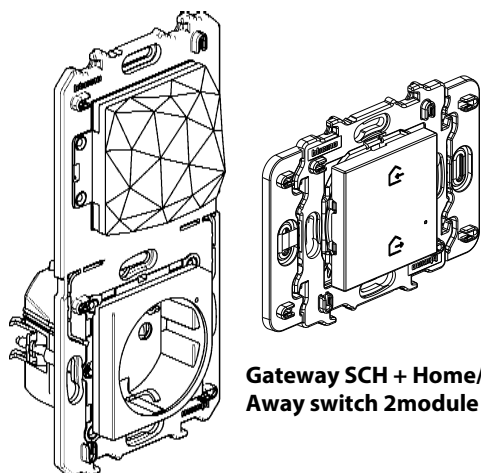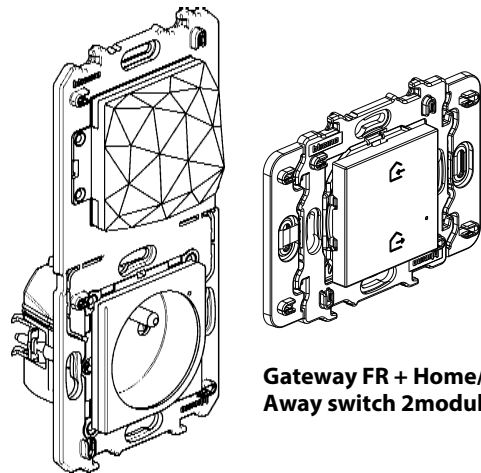# bticino

www.bticino.com

LIVING now

Gateway with connected socket+ Home/Away switch

Gateway SCH + Home/ Away switch 2module

Gateway FR + Home/ Away switch 2module

Use

This pack enables you to create a connected installation in your home. It can be used to control lights, shutters, and electric appliances plugged into connected sockets: using the smartphone and the Home + Control app using the voice assistants or from the general control at the home entrance.
It includes:

- **A Control socket (Zigbee relay/WiFi)**
  Installation in 1-gang box 40 mm deep (minimum), instead of a standard socket outlet. Screw fixing and connection using automatic clamps. The socket can be controlled remotely to monitor its consumption (instantaneous, daily, monthly). It has a blue LED that lights up when the socket is ON and that can be configured by means of the Home + Control APP. Compatible with all the electric devices with power up to 16 A ,3680 W (with overload protection).
- **A wireless general control, used to control leaving home/coming**
  The wireless master IN&OUT scenario control, required for the association of all connected devices.

Range

Designation	Cat. No.
Flush mounting Gateway 2 modules integrated with a 2P+E 16A 250VA German standard connected socket. Equipped with a RESET button (hidden) used to return to factory settings.	☐ YW4501C ◻ YG4501C ◼ YD4501C
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.	
As above. The flush mounting Gateway 2 modules is integrated with a 2P+E 16A 250VA French/Belgian standard connected socket.	☐ YW4502C ◻ YG4502C ◼ YD4502C

Colors: ☐ White ◻ Stone ◼ Dark

Connection

Control socket:

Terminal type: automatic
Terminal capacity: 2 x 2.5 mm^2
Stripping length: 11 mm

Gateway:

- Fixed directly on the wall or screws onto a flush-mounting box.
- Fits on a piece of forniture (movable).

Technical characteristics

- 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

- Material characteristics of Control socket
Mechanism casing: 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.

- Material characteristics of general control
Mechanism casing with grid: Fiberglass-reinforced (10%) PC
Halogen-free
UV resistant
Self-extinguishing: 650°C/30 s

- 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: < 100 mW
Range: 200 m of unobstructed space
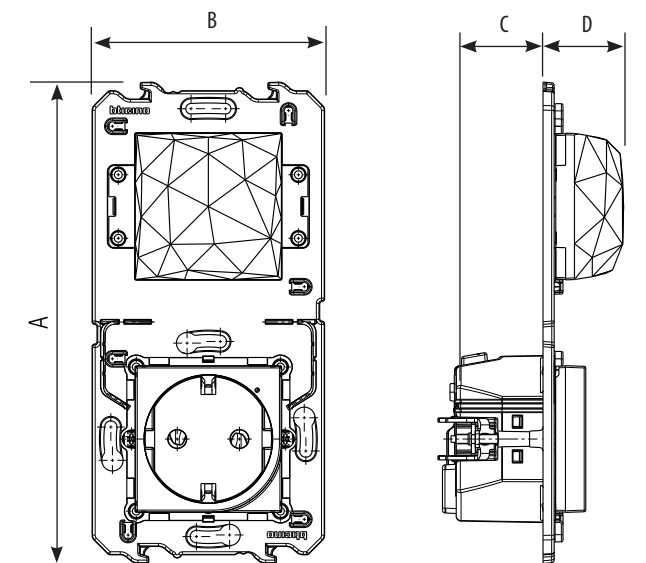10 m recommended between products indoors

- 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)
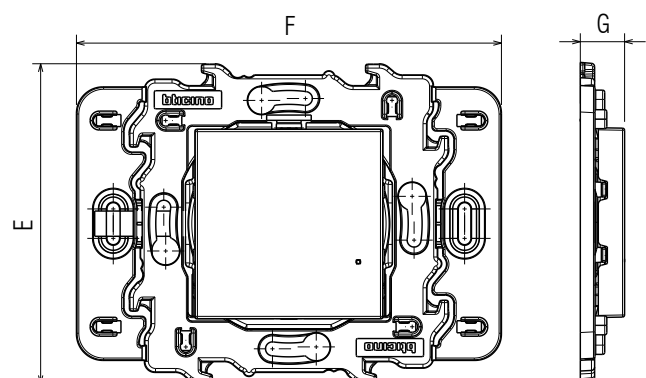Power level: < 100 mW

- Climate characteristics
Storage temperature: 0° C to + 45° C
Usage temperature: +5° C to + 45° C

bticino

Gateway with connected socket+ Home/Away switch

Overall dimensions (mm)

A	B	C	D
147	71	30.7	24.6

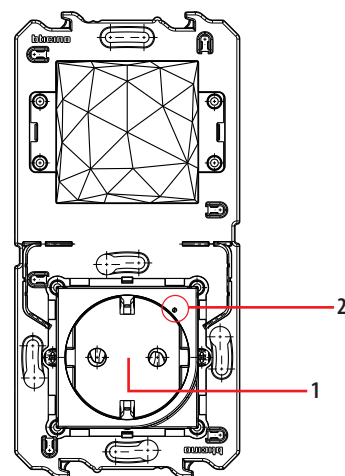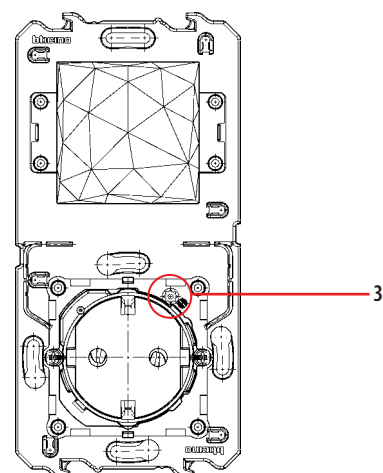| E	F	G
76	101	10.5

Operation

Front view

Front view without coverkey

Legend

1. 16 A connected socket outlet
   Extra built-in protection in the event of overloads of more than 16 A

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

3. RESET button: used to return to factory settings

Attention: the starter pack is pre-paired at the factory. Never perform a factory RESET on the Gateway and the wireless general control at the same time, as this may render them unusable.

Standards and approvals

The undersigned, BTICINO, declares that the radio-electric equipment type (YW-YG-YD4501C - YW-YG-YD4502C) complies with directive 2014/53/EU.
The full text of the EU declaration of conformity is available on the following website: **www.bticino.it/red**

Cleaning

Clean the surface with a cloth.
Do not use acetone, tar-removing cleaning agents or trichloroethylene.

Caution: Always test before using special cleaning products.

The plates must not be painted.

Take care to recycle the battery appropriately.

RAEE/WEEE: bticino.com/disposal