BTICINO
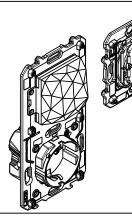
www.bticino.com

LIVING now

Gateway+connected power socket

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. Multigang versions can be combined with other wiring accessories.
- Fits on a piece of furniture (movable).

Range

Designation	Cat. Nos.
Connected relay socket. Supplied complete with finishing plate and site protection covers. Equipped with a RESET button (hidden) used to return to factory settings.	☐ KW4501C ◻ KM4501C ◼ KG4501C
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.	

Related covers:

☐ White : KW51-KW34M2-KW40M2
◻ Sand :KM51-KM34M2-KM40M2
◼ Black: KG51-KG34M2-KG40M2

Connection

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

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
   IP 40 for assembled product

- 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: Fibreglass-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

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- 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)
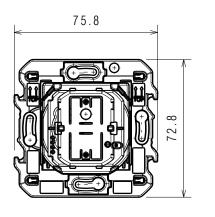Power level: < 100 mW

- Climate characteristics

Storage temperature: 0° C to + 45° C
Usage temperature: +5° C to + 45° C
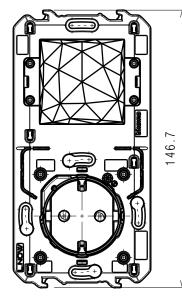
Standards and approvals

The undersigned, BTICINO, declares that the radio-electric equipment type
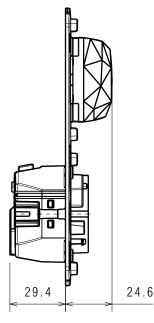(KW-KM-KG4501C) complies with directive 2014/53/EU.
The full text of the EU declaration of conformity is available on the following
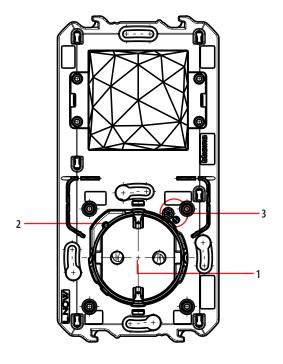website: **www.bticino.it/red**

Overall dimensions (mm)
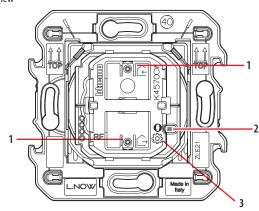

Operation

Front view

Legend

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

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

3. RESET button: used to return to factory settings

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Gateway+connected power socket

Front view

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

Legend

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

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

3. Reset button

Attention: 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.