CONNECTED HOME TECHNICAL GUIDE

Connected switches & sockets technical guide

EXCEL *life* SMART

Arteor™ with NETATMO

Living Now
WITH
Netatmo

Contents

EXCEL
life

SMART

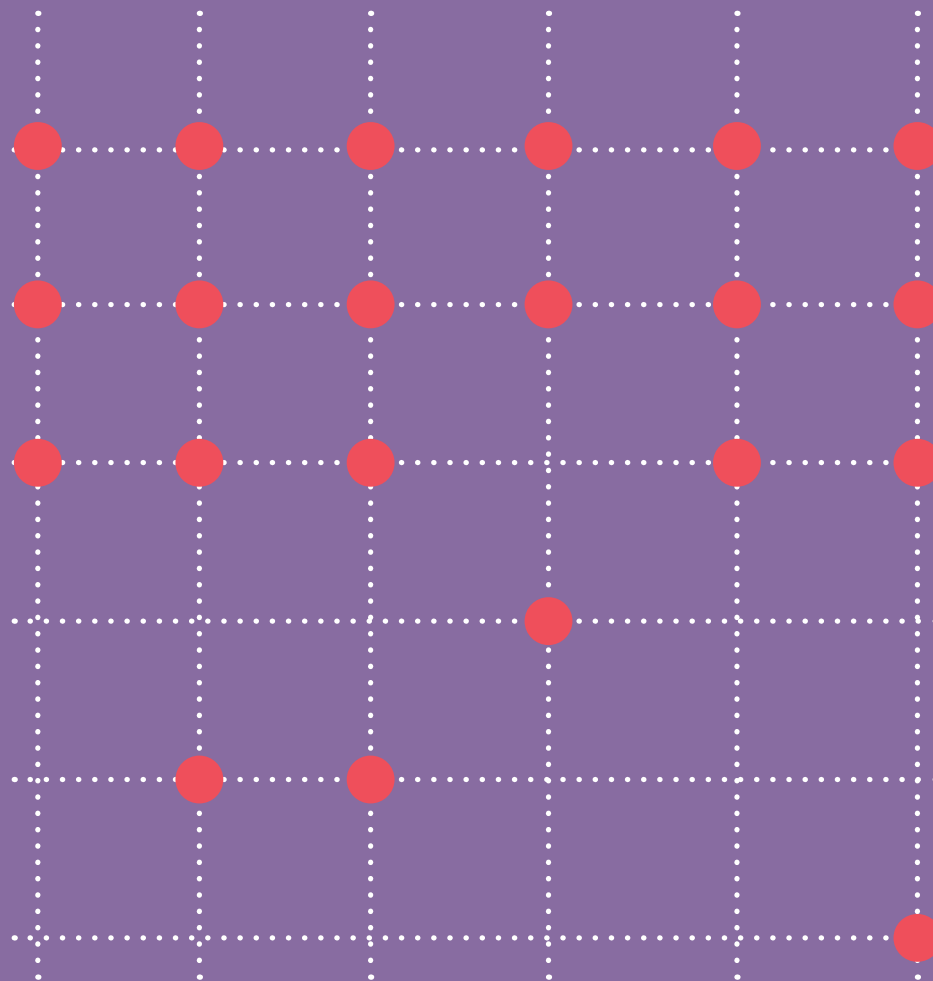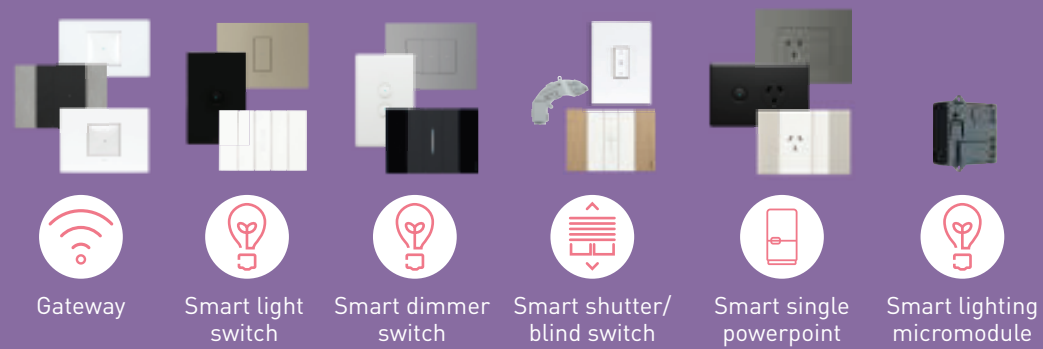Arteor™

with NETATMO

SMART HOME MADE EASY

Living Now

WITH
Netatmo

1

INSTALLATION
COMPONENTS

A smart home installation consists of wired products, which can be installed as new or retrofitted as a replacement for existing switches and powerpoints. Wireless switches can then be paired with wired products as shown in this table.

WIRED PRODUCTS

Gateway	Smart light switch	Smart dimmer switch	Smart shutter/ blind switch	Smart single powerpoint	Smart lighting micromodule

WIRELESS SWITCHES

Wireless master switch

Night/Day wireless switch

Wireless switch

Shutter/blind wireless switch

Motion sensor

Wireless auxiliary switch

All the products communicate by means of Zigbee radio (2.4 GHz waveband). **Advantage: a dynamic mesh network!**

L1legrand®

1 START THE INSTALLATION

CX3 WITH NETATMO

412181

ARTEOR WITH NETATMO STARTER KIT

AWNSKITWE

AWNBKITWE

EXCEL LIFE WITH NETATMO STARTER KIT
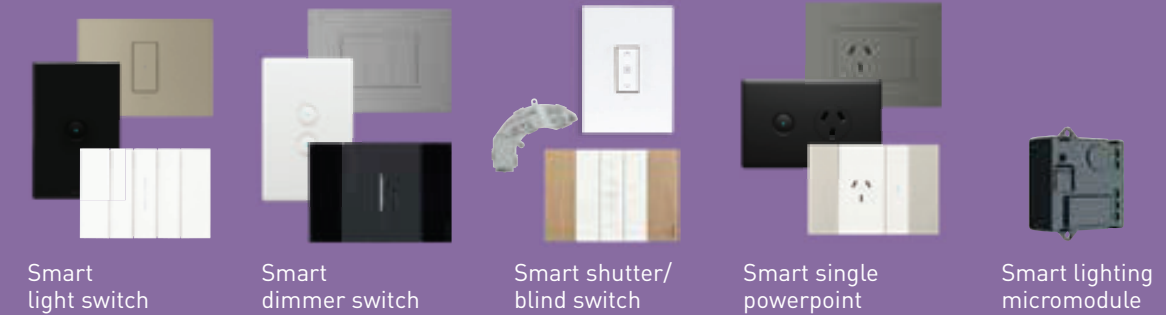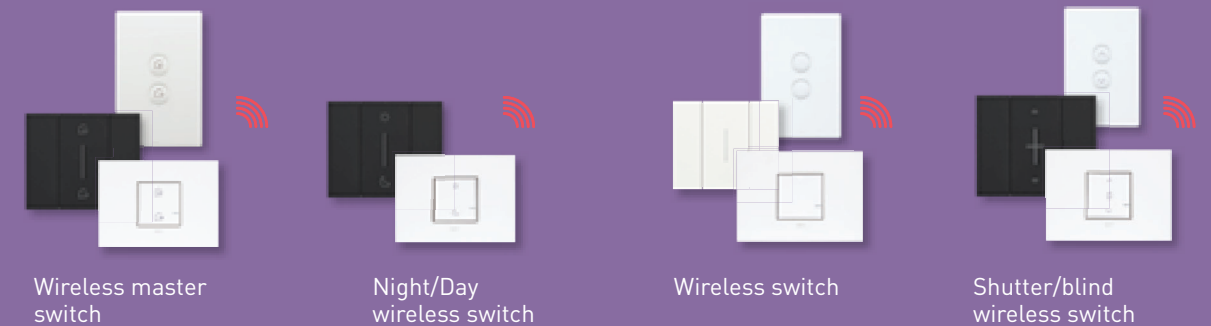
EWNSKITWE

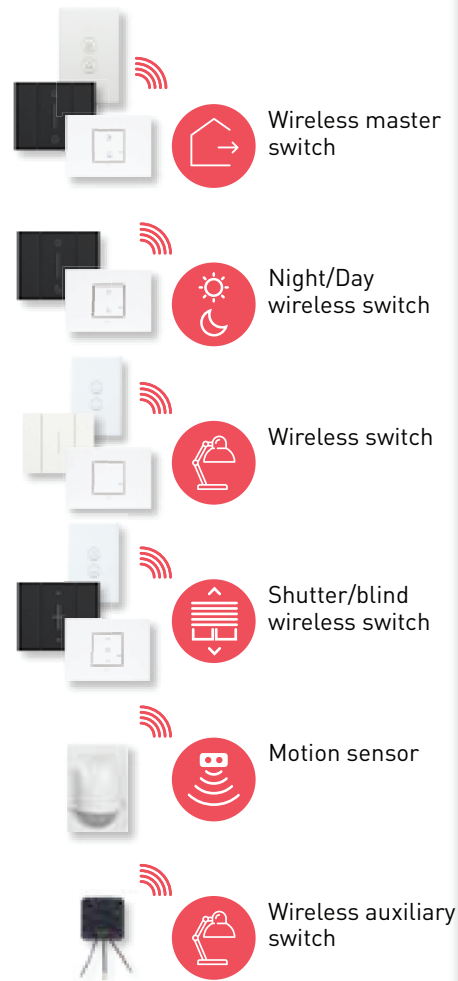### LIVING NOW STARTER KIT

K4510C

K4500C

2 EXTEND THE INSTALLATION

SMART WIRED PRODUCTS

Smart light switch

Smart dimmer switch

Smart shutter/ blind switch

Smart single powerpoint

Smart lighting micromodule

WIRELESS SWITCHES

Wireless master switch

Night/Day wireless switch

Wireless switch

Shutter/blind wireless switch

INSTALLATION
COMPONENTS

CONNECTED GATEWAY

Install the gateway **close to an internet router** to optimise the Wi-Fi signal reception. The gateway then communicates with individual switches and sockets using Zigbee radio.

Just one gateway is needed per dwelling.
It can control up to **100 wired and wireless products**.

There are 2 forms factors for the gateway:

1. A Wall-mount version which can replace a wall plate or outlet (same wiring and mounting centres) It is sold in the Starter kit or Basic kit, together with a wireless master switch.

2. A Din-rail mount version, to be installed inside a load centre or distribution board

The Din-rail version is sold on its own and does not require a wireless master switch (optional).
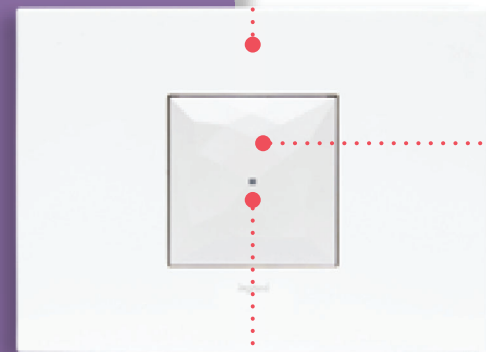
Gateway establishes connection between router & other smart products

Unique setup code affixed to the product in order to use the Apple HomeKit app

LED indicator

Wall-mount version

Din-rail mount version

WIRELESS MASTER SWITCH

Extra-slim, attached to the wall with the adhesive strips provided. It can be repositioned.

It is installed **near the entrance door** to control Home/Away scenarios involving lights, shutters and power outlets.

Sold both in the starter kit and individually, to be added if the house has more than one entrance. Customised scenarios should be identical on all the master switches.

Scenarios should be configured in the Home + Control app.

CR 2032 - 3V button battery supplied
Standby power: 8 years approx.*
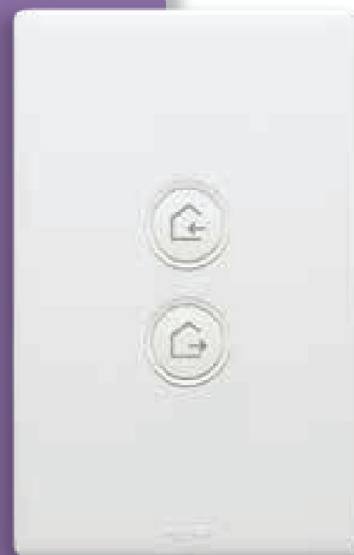
*dependent on daily usage.

SMART LIGHT SWITCH

Can **replace an existing switch**, with the same wiring and mounting centres.

Controls all types of conventional and dimmable bulbs, up to 100W for LEDs (or 10 lamps)

SMART DIMMER SWITCH

Can **replace an existing switch**:
same wiring, same mounting centres. Requires a neutral (N) wire.

Controls all types of conventional and dimmable bulbs up to 150W.

Always use **dimmable LEDs**.

The dimmer functionality can be activated from the Home + Control app.

SMART LIGHTING MICROMODULE

To be installed near or **directly on the light source.**
Used to provide connected lighting.

Controlled by one or more wireless switches and/or bell-press type pushbuttons when replacing a remote switch.

For all types of bulbs **up to 300W** for halogen, 100W for LEDs (or 10 lamps)
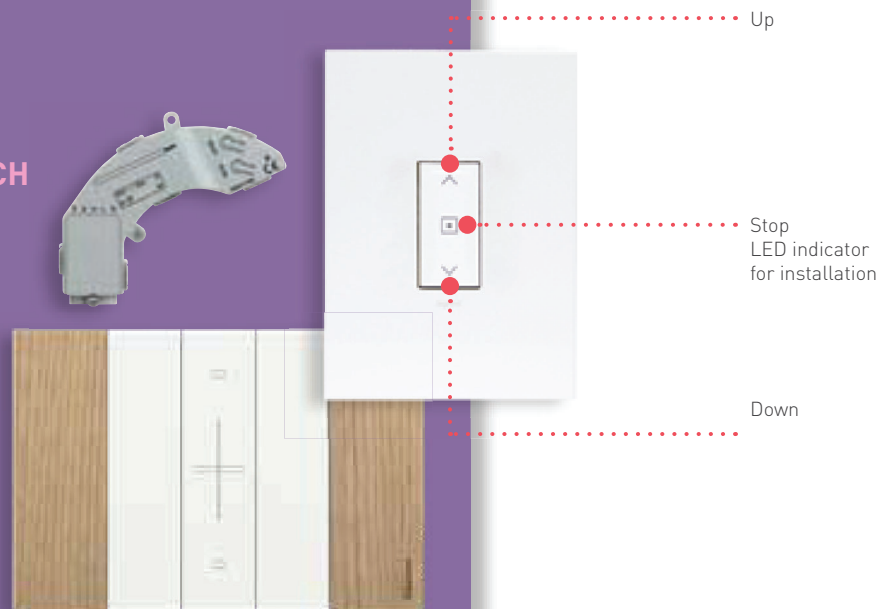
LED indicator for installation

Dimensions (with fixing lugs): 52x40x20mm
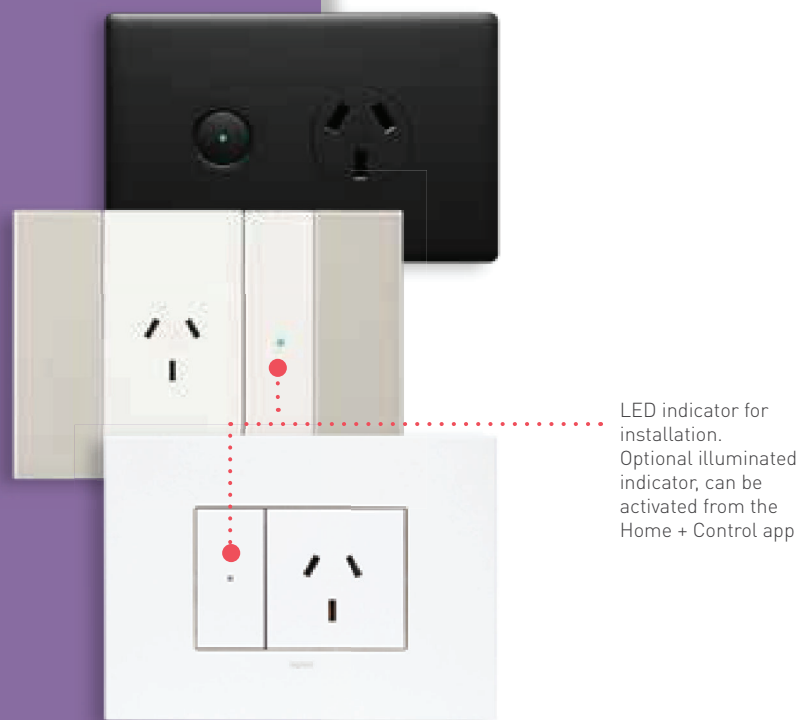
INSTALLATION
COMPONENTS

SMART SHUTTER/BLIND SWITCH

Can **replace an existing switch**:
same wiring, same mounting centres.

Compatible with **all wired shutter motors** with electronic or mechanical end stop.

Up

Stop
LED indicator
for installation

Down

SMART SINGLE POWERPOINT – 10A

Can **replace an existing powerpoint**:
same wiring, same mounting centres.

The Smart powerpoint can measure the instantaneous and total power consumption. It is compatible with all electrical appliances, especially with large household appliances.

Extra built-in protection in case of overloads of more than 10A.

LED indicator for
installation.
Optional illuminated
indicator, can be
activated from the
Home + Control app

NIGHT/DAY WIRELESS SWITCH

Extra-slim, attached to the wall with the adhesive strips provided. It can be repositioned.
Used to **create scenarios** involving lights, shutters and powerpoints at the time people wake up and go to sleep.

Scenarios should be configured in the Home + Control app.

CR 2032 - 3V button battery supplied.
Standby power: 8 years approx.*

Wake Up scenario which
can be configured in the
Home + Control app

LED indicator for
installation
Low battery indicator (red
burst flash)

Sleep scenario which
can be configured in the
Home + Control app

WIRELESS SWITCH

Extra-slim, attached to the wall with the adhesive strips provided. It can be repositioned.

Controls smart light or dimmer switches, micromodules and smart powerpoints.

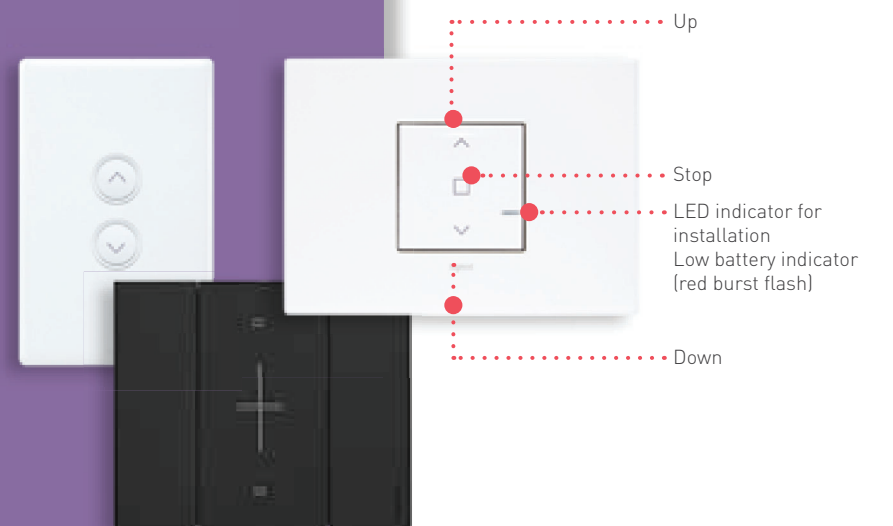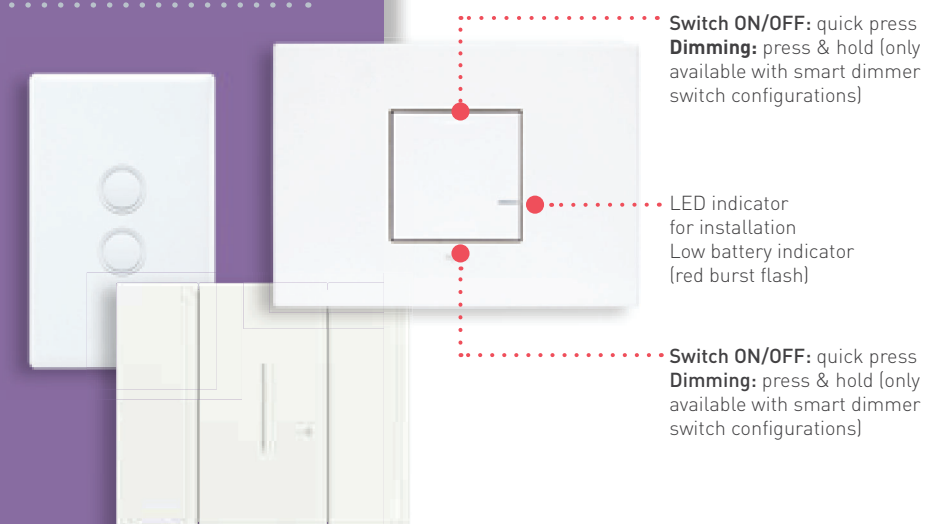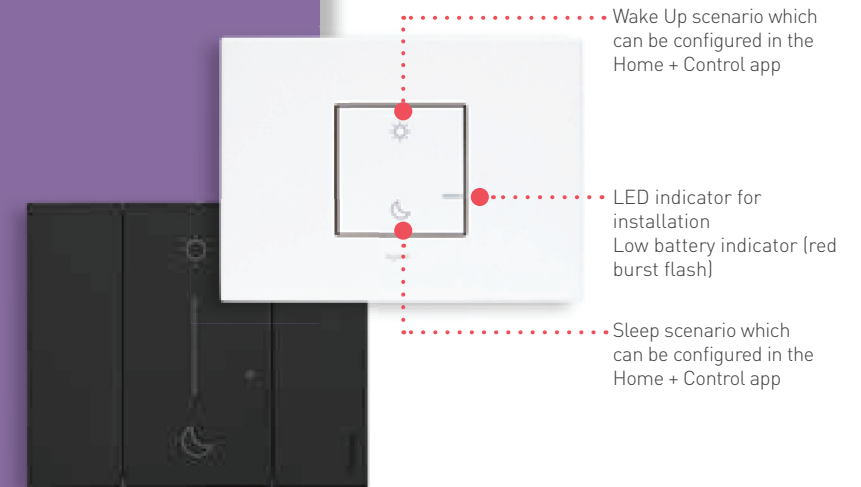CR 2032 - 3V button battery supplied.
Standby power: 8 years approx.*

Switch ON/OFF: quick press
Dimming: press & hold (only
available with smart dimmer
switch configurations)

LED indicator
for installation
Low battery indicator
(red burst flash)

Switch ON/OFF: quick press
Dimming: press & hold (only
available with smart dimmer
switch configurations)

WIRELESS SHUTTER/BLIND SWITCH

Extra-slim, attached to the wall with the adhesive strips provided. It can be repositioned.

Controls smart shutter/blind switches and can **centralise** control of several shutters.

CR 2032 - 3V button battery supplied.
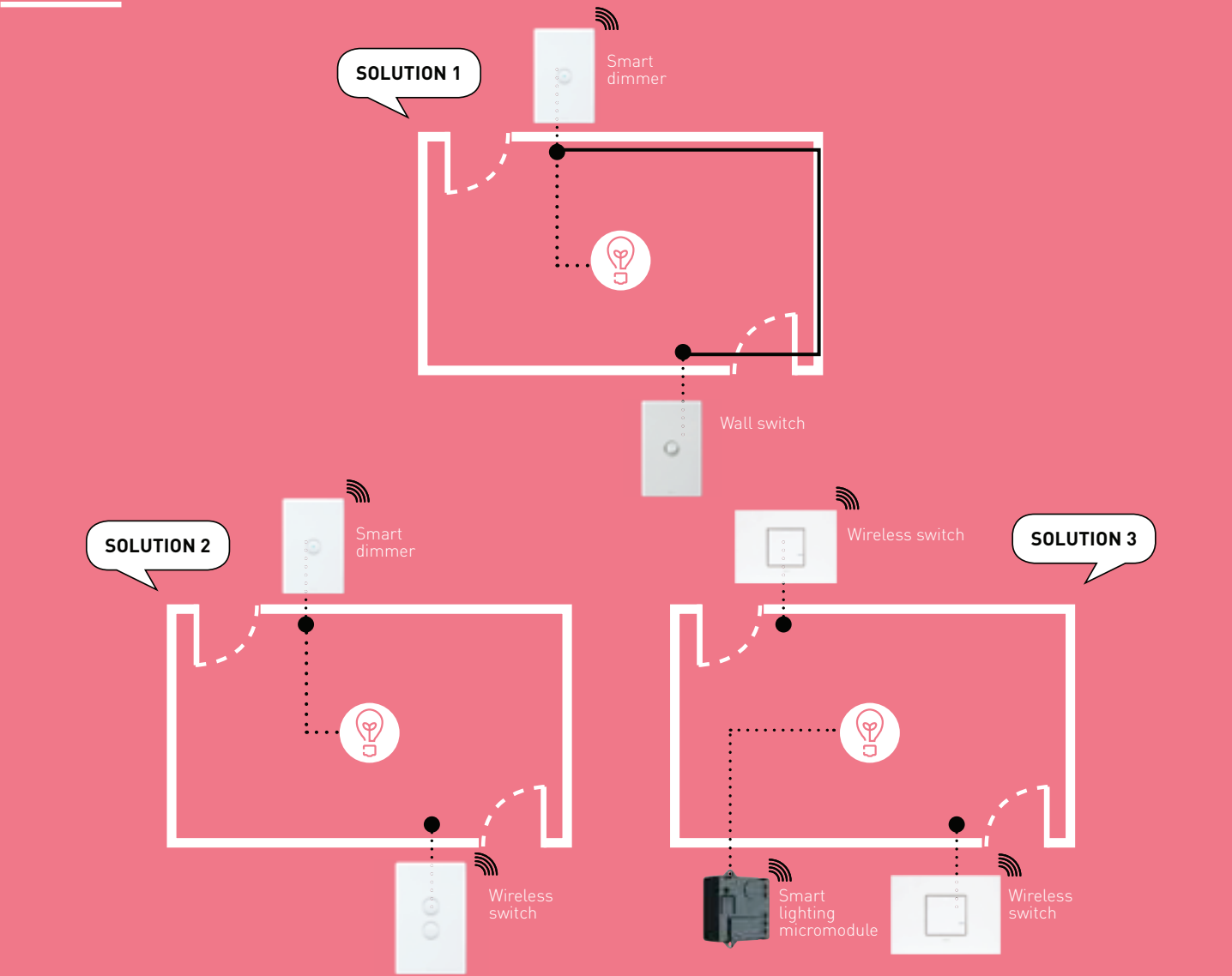Standby power: 8 years approx.*

Up

Stop

LED indicator for
installation
Low battery indicator
(red burst flash)

Down

*dependent on daily usage.

CREATE A TWO-WAY SWITCH FOR NEW OR RETROFIT INSTALLATIONS

SOLUTION 1

Smart dimmer

Wall switch

SOLUTION 2

Smart dimmer

Wireless switch

Wireless switch

SOLUTION 3

Smart lighting micromodule

Wireless switch

CREATE SEVERAL CONNECTED CONTROL POINTS

NEW-BUILD

Wireless switch

RETROFIT
(replacing an existing push-button switch)

Existing wired pushbuttons

Connected lighting micromodule

Wireless switch

Connected lighting micromodule

Existing wired pushbutton

CREATE A SWITCHED POWER OUTLET FOR NEW OR RETROFIT INSTALLATION

Wireless switch

Smart single powerpoint – 10A
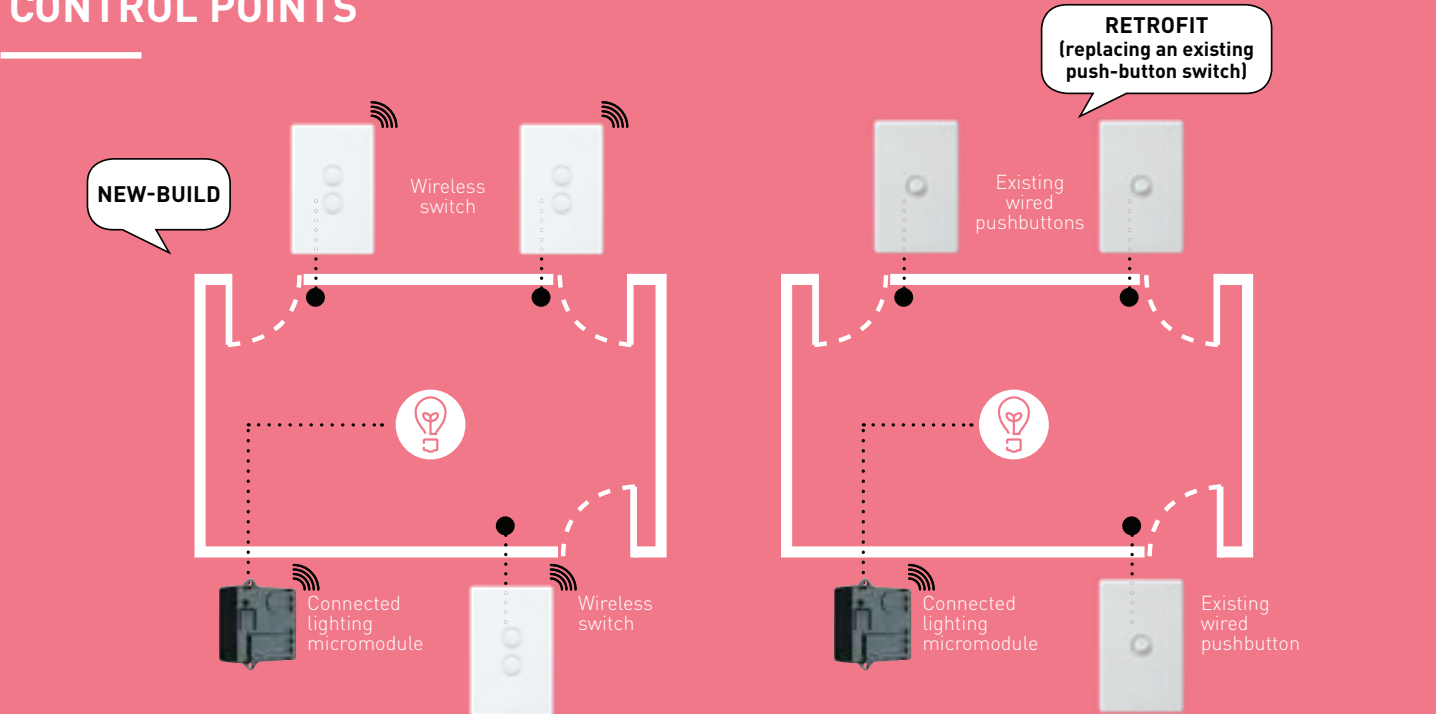
CENTRALISE SHUTTER/BLIND CONTROL

Centralise all shutters in the house
Shutter/blind wireless switch

Centralise the shutters in the living room
Shutter/blind wireless switch

Smart shutter/blind switch

CHILD'S BEDROOM

PARENTS' BEDROOM

KITCHEN

LIVING ROOM

Shutter micromodule

Smart dimmer Switch

Smart single powerpoint 10A

Shutter/blind wireless switch
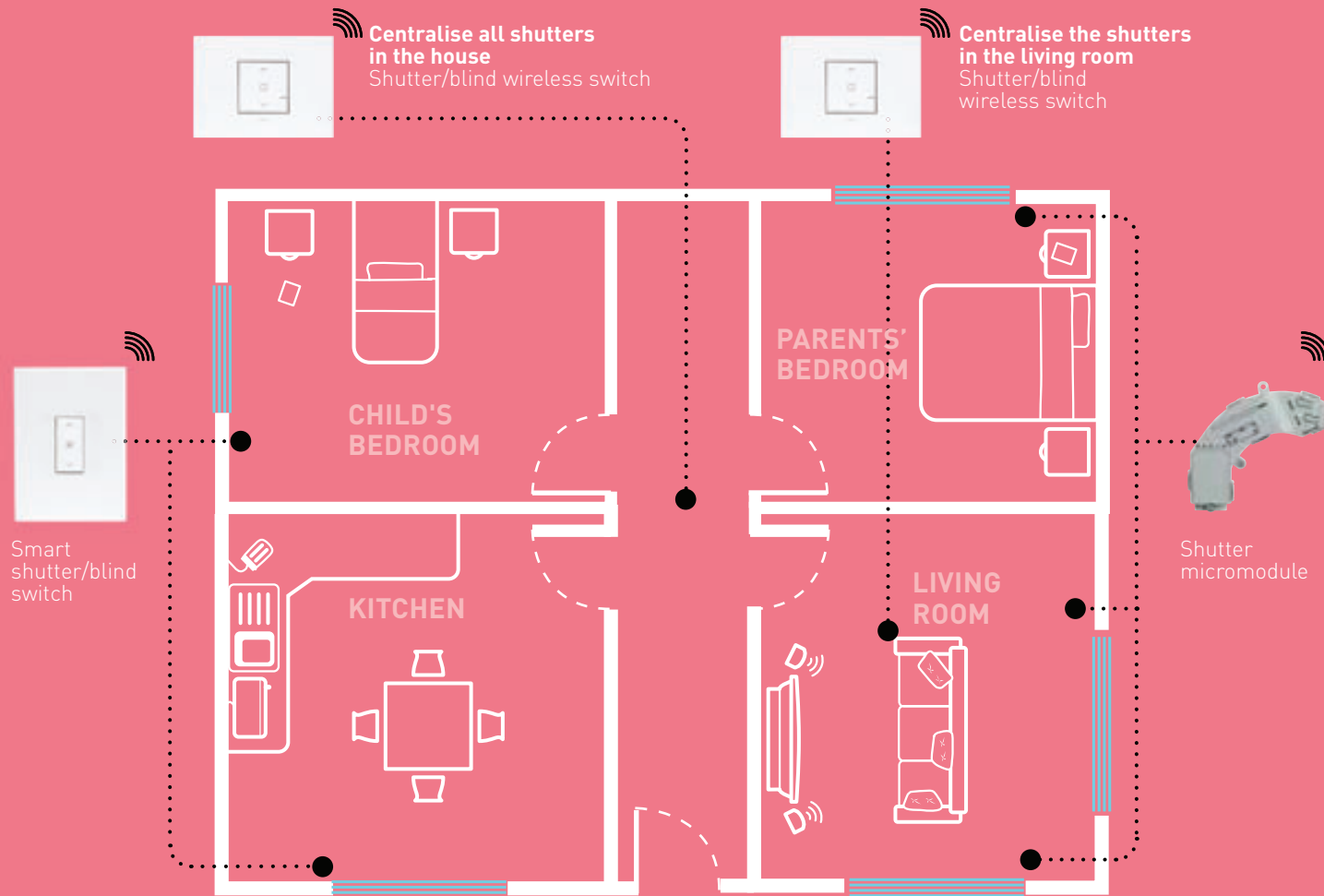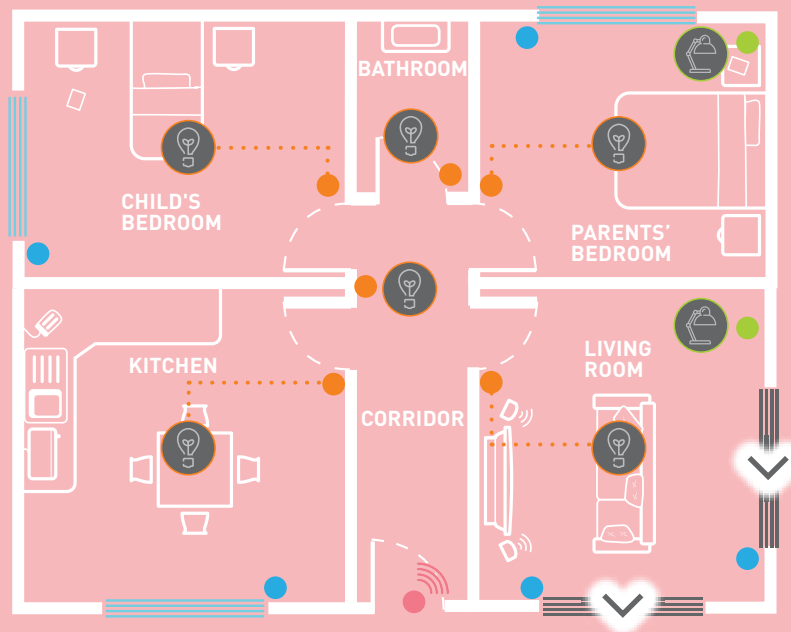
Below are some examples of scenarios which can be created in the Home + Control app and activated with a single touch. The installed wired products control lights, lamps, electrical appliances and shutters/blinds.
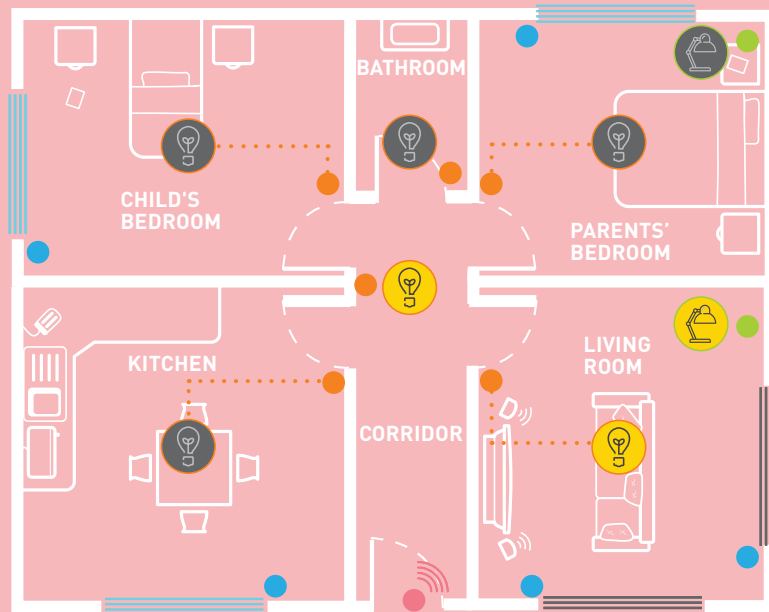
"LEAVE" SCENARIO

Wireless master switch located by the entrance door.
Pressing the **bottom button** activates the scenario, which can be customised to suit users' needs in the Home + Control app.
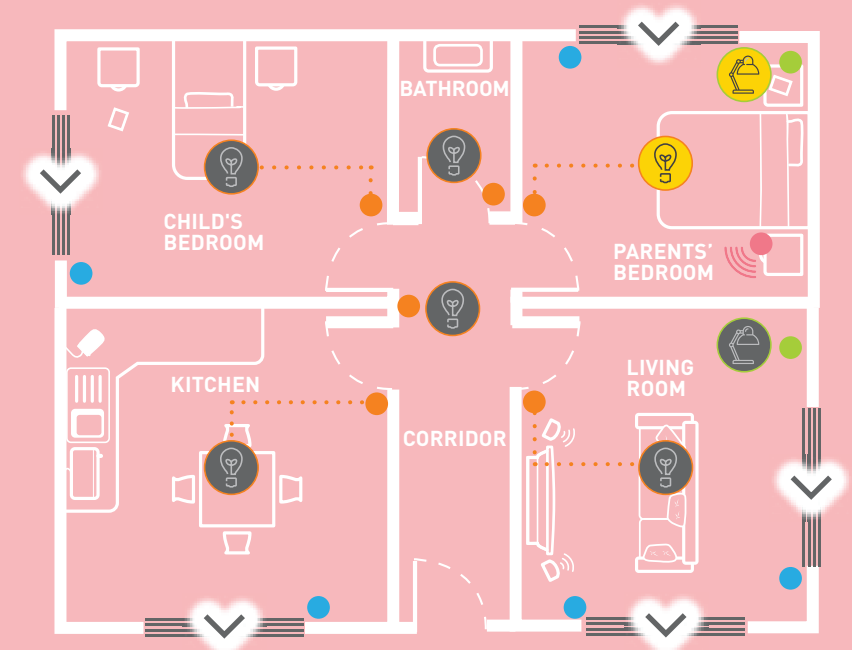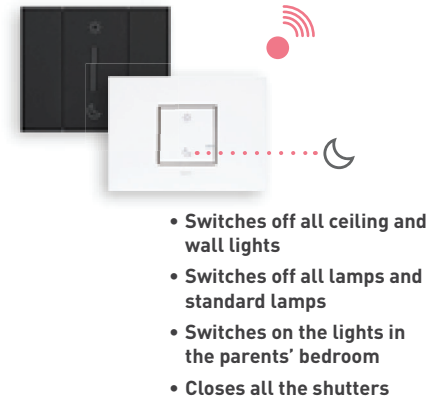
- Switches off all ceiling and wall lights
- Switches off all lamps and standard lamps
- Closes the shutters in the living room

"ARRIVE" SCENARIO

Wireless master switch located by the entrance door.
Pressing the **top button** activates the scenario, which can be customised to suit users' needs in the Home + Control app.
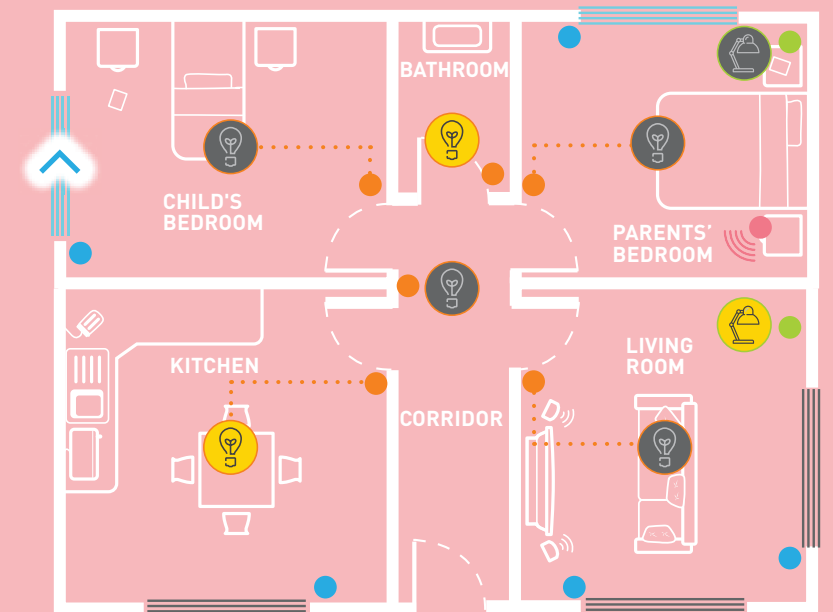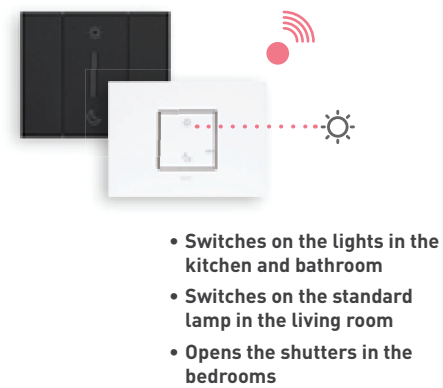
- Switches on the lights in the corridor
- Switches on the lights and standard lamp in the living room

"SLEEP" SCENARIO

Night/Day wireless switch located in the parents' bedroom.
Pressing the **bottom button** activates the scenario, which can be customised to suit users' needs in the Home + Control app.

- Switches off all ceiling and wall lights
- Switches off all lamps and standard lamps
- Switches on the lights in the parents' bedroom
- Closes all the shutters

"WAKE UP" SCENARIO

Night/Day wireless switch located in the parents' bedroom.
Pressing the **top button** activates the scenario, which can be customised to suit users' needs in the Home + Control app.
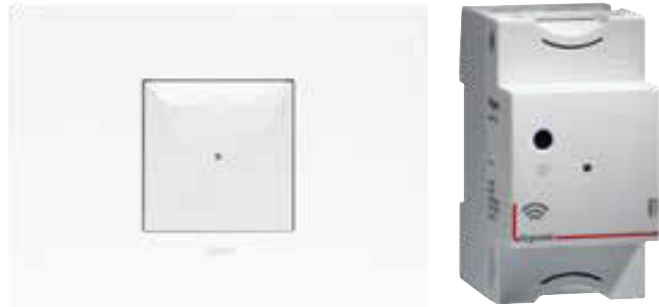
- Switches on the lights in the kitchen and bathroom
- Switches on the standard lamp in the living room
- Opens the shutters in the bedrooms
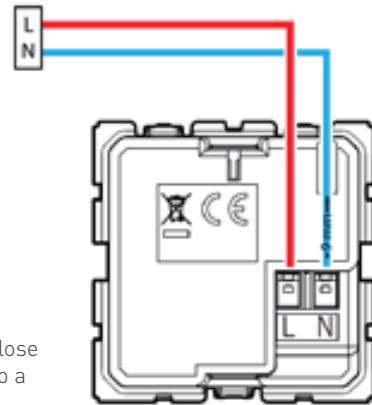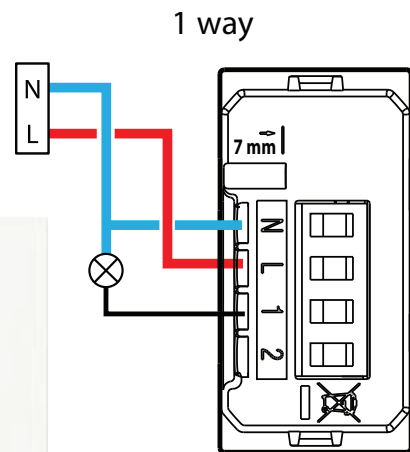
WIRING DIAGRAMS

GATEWAY
240V a.c.

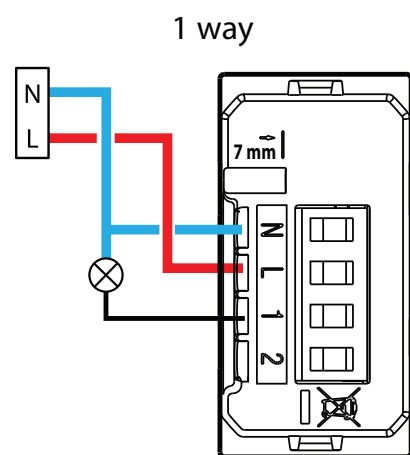The gateway must be installed close to the router where it can pick up a good Wi-Fi signal.

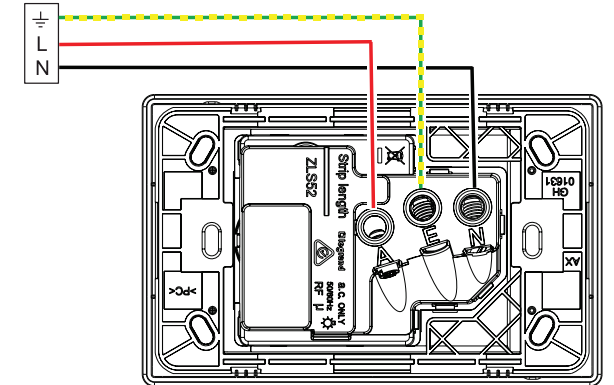### SMART LIGHT SWITCH
100W (or 10 lamps) for LEDs, with neutral

1 way

SMART DIMMER SWITCH
150W (or 10 lamps) for LEDs, with Neutral
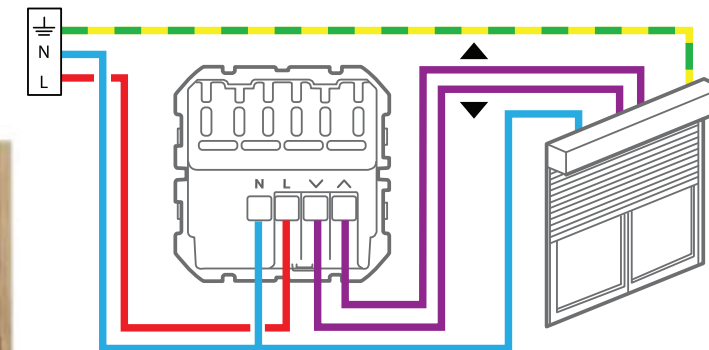
1 way

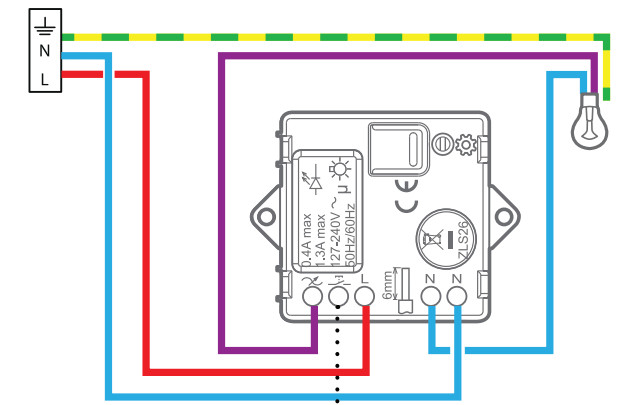### SMART SINGLE POWERPOINT
10A 240V a.c. 2400W max

SMART SHUTTER/BLIND SWITCH
1 x 500VA - For wired shutter motor with electronic or mechanical end stop

SMART LIGHTING MICROMODULE
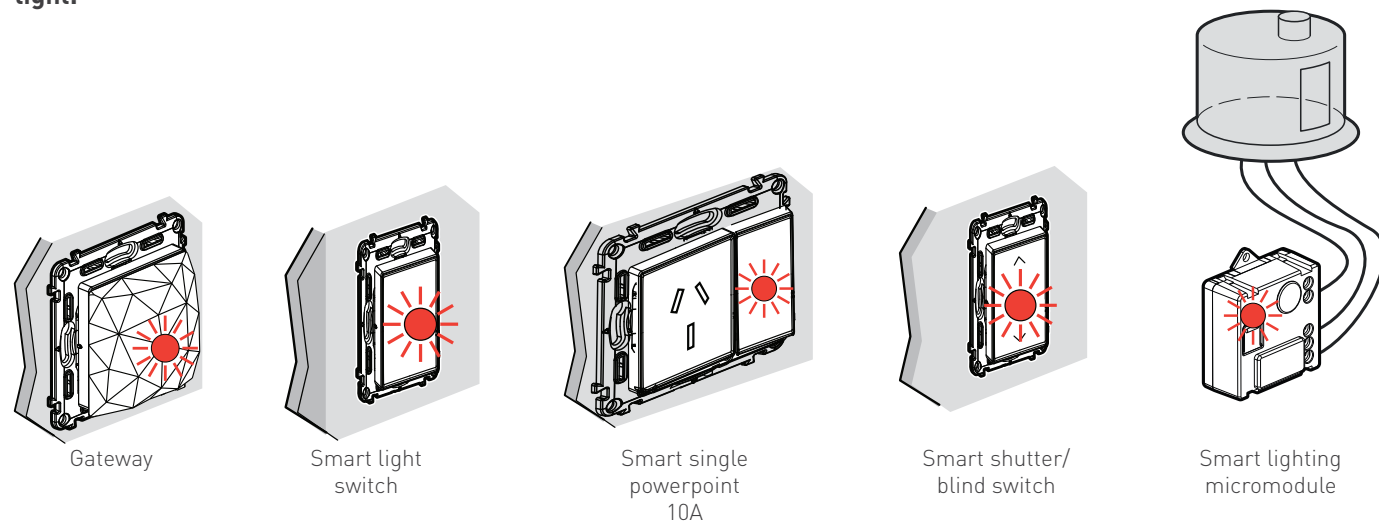240V a.c. – 100W for LEDs – All loads


Push-buttons (up to 5)

CREATE THE NETWORK*

1 After installing and connecting up the wired products, **turn the power back on**. The LEDs on the products **light up with a steady red light.**


Gateway   Smart light switch   Smart single powerpoint 10A   Smart shutter/ blind switch   Smart lighting micromodule

**2** Remove the protective tab from the battery to supply power to the **Wireless master switch.**
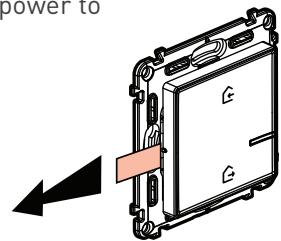
3 **Press on one of the buttons on the Wireless master switch** in order to activate it. Its LED **flashes green then goes off.**

The LED on the **Gateway power outlet** also goes off.
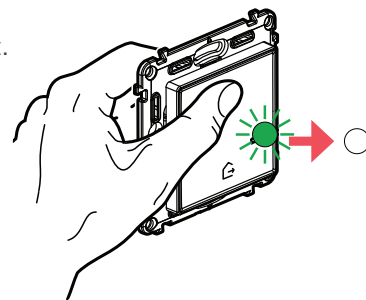
4 1. Move the **Wireless master switch** close to the **Gateway** and **hold the centre** of the switch until its LED briefly lights up green.

2. **Release hold**. The LED goes off.

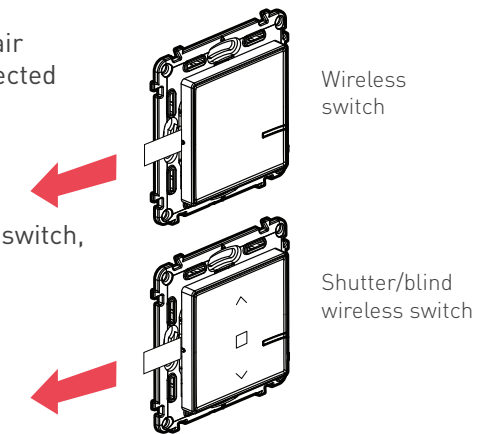3. The gateway power outlet LED changes to a steady green light.
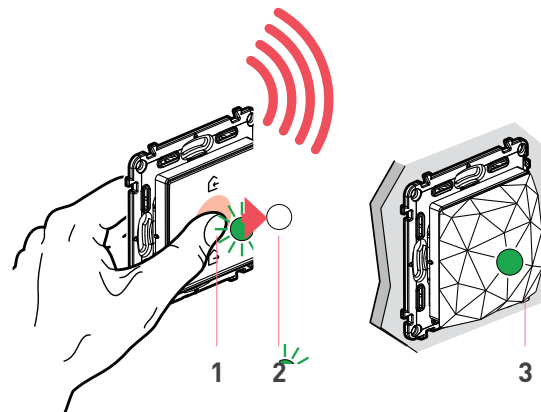
One after another, the LEDs on the other wired products change to a **steady green light.**
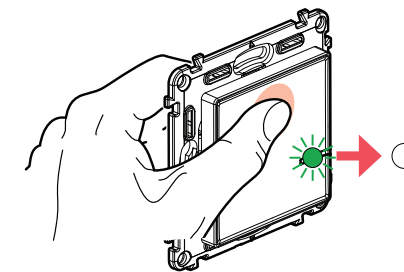
1   2   3
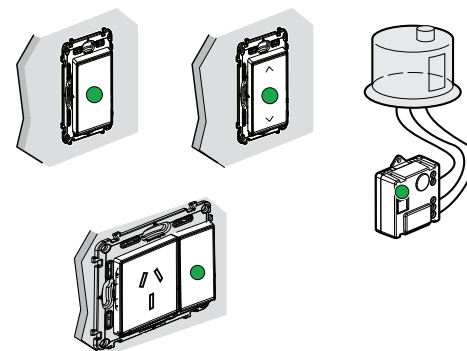
The network is created.

PAIR WIRELESS SWITCHES

1 After creating the network, you can pair wireless switches to control the connected switches and powerpoints.
Remove the protection tab from the wireless switch you wish to pair, **then go to steps 2, 3 and 4.**
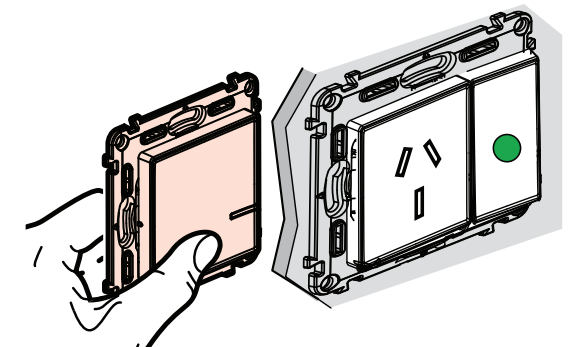Repeat the same operation with each switch, one after another.

Wireless switch

Shutter/blind wireless switch

The **Wireless master switch** and **Night/Day** wireless switches are paired via the Home + Control app.

For more information, please visit legrand.com or use the links below.

Wireless master switch:
https://faq.homecontrol.eliotbylegrand.com/question/829

Night/day wireless switch:
https://faq.homecontrol.eliotbylegrand.com/question/828

2 **Press briefly at the top or bottom of the switch**

3 **Keep your finger pressed** on the top or bottom of the wireless switch, then **tap 3 times** on the product you wish to control.
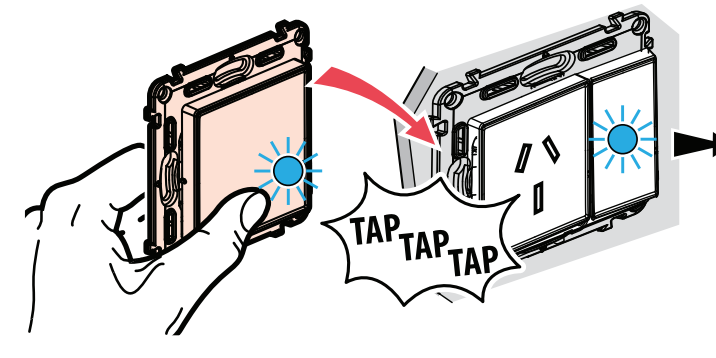
4 1. The LEDs on both products **flash quickly** (blue) then light up **briefly** (steady blue).

2. The LED on the wireless switch **goes off**, the one on the wired product **reverts to green.**

TAP TAP TAP

They have been paired successfully.
Repeat the same operation with each wireless switch, one after another.
The association wireless switch-smart wall device can also be done in the app, once the smart home configuration is completed. (see next steps in page below)

The association between wireless switches and smart wired products can also be done at a later stage, via the Home+Control app (Settings/ Add product)

IMPORTANT: Once installation is completed, leave the starter kit user guide and product manuals with your customer. The user guide contains a unique code to configure the Apple HomeKit app.

*Arteor with Netatmo shown here. Same steps apply to Excel life Smart or Living Now with Netatmo

SETUP HOME+CONTROL APP

1 DOWNLOAD THE HOME + CONTROL APP

FREE DOWNLOAD

Download on the App Store

GET IT ON Google Play

1. Go to **App store** or **Google Play store**.

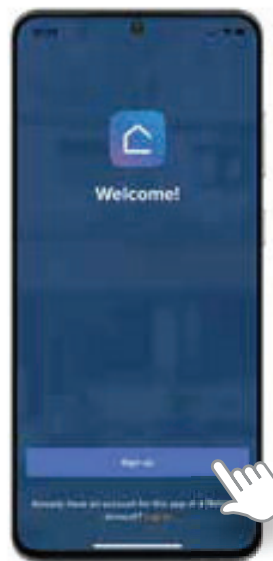**2.** Search **"Legrand Home+Control"**.

3. Download the app.

2 CREATE AN ACCOUNT

1. Launch the **Home+Control app**.

2. Click on **"Sign up"** at the bottom of the screen.

Note: If you already own a Netatmo camera or weather station, or a Bticino Classe 100 Wi-Fi intercom, click on **"Log in"**. Enter the same credentials as used in the app for those products.

3. Enter your Email address.

4. Choose a password meeting all criteria listed.
Once logged in, press **"Start"**.

3 SETUP

WHICH GATEWAY IS INSTALLED IN YOUR HOME?

The Gateway with Home/away switch is installed on a wall plate, generally in a central place not far from your internet modem.

The Gateway module is installed inside your electrical load centre or distribution board.

OR

Gateway with Home/Away master switch   **Gateway module**

Excel Life Smart example shown here. Also applies to Arteor and Living Now with Netatmo

1. Select "Legrand" (if you have Excel life Smart or Arteor with Netatmo) **or "Bticino"** (if you have Living Now with Netatmo) then the type of Gateway installed.
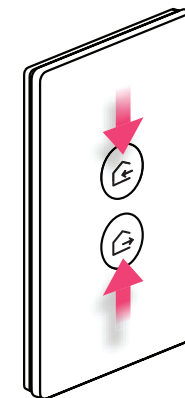
2.a
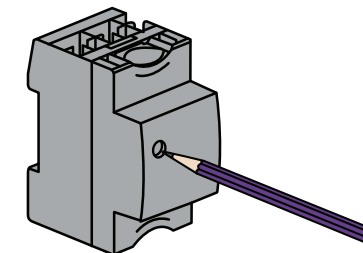
2.b

2. If you have a Gateway with Home/Away master switch: Press and hold the 2 buttons of the remote control (the one with the 2 house icons) until it flashes green then release immediately. See **2.a.**
If you have the Gateway module: Use a pen/small screwdriver to press and hold the front button (recessed black spot) until the front indicator flashes green then release immediately. See **2.b.**

3. Repeat Step 2 again.

4. Choose a name for your smart home. The app will start pairing your Gateway to your Wi-Fi network. Confirm when prompted.

3 SETUP (continued)

5. Use your camera to scan the **Homekit 8-digit code**

If you have a Wall Gateway: It is at the back of the remote control.
If you have a Gateway module: It is at the front of the Gateway module.

6. Wait for setup to be completed and firmware updates to be downloaded. This can take up to 5-10mins. Click **"Next"**.

7. Click **"Start"** and go to one of the rooms where your first smart product is located.

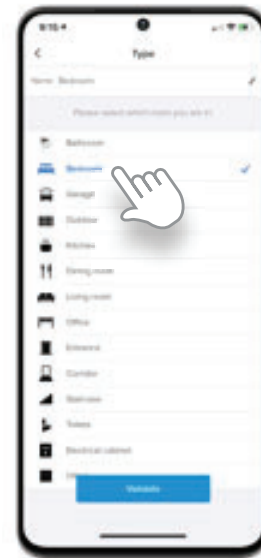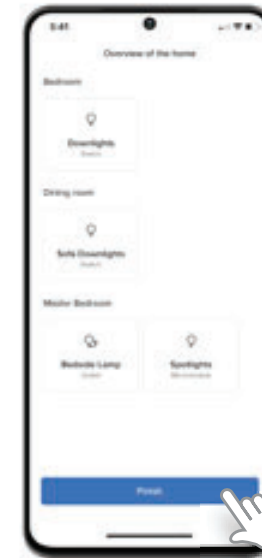**8.** Select the type of room you are in and click **"Validate"**.

9. Press the smart products you want to configure. They will then show up in the app. Click on the product frame to see the details.

10. Rename the products by clicking on the pen symbol.

11. Click **"Done"**, once all the products in this room have been detected and renamed.

12. Click **"Add a new room"** and move to the next room where you have smart products installed. Repeat steps 8 to 11.

3 SETUP (continued)

13. When all rooms and smart products are allocated, press **"Finish"**. Review your full installation and click **"Finish"**.

14. You can now control your lights and electrical appliances in the main menu. Select the bulb next to the room name to switch ON/OFF all smart products in this room, or select the room name to see each smart product in this room and operate them independently.
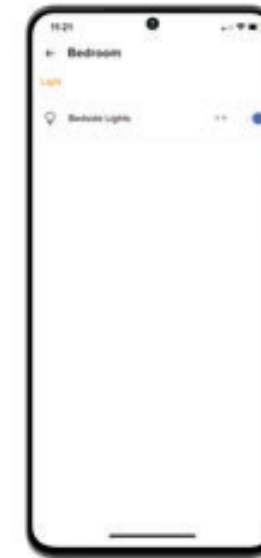
TIP:
Scenarios and schedules can be operated by selecting the blue circle at the bottom of the screen. They can be customised in the **"Settings menu"**.

4 SHARE YOUR INSTALLATION WITH LOVED ONES AND OTHERS

1. Click on **"Settings"**.

2. Select **"Guests"**.

3. Select the person you want to invite and the digital method to send the invitation. (Email, text message, social chat messages, etc.)

Excel Life WITH Netatmo
Gateway and Starter kit

MUST BE ORDERED FOR ANY CONNECTED INSTALLATION

Excel Life WITH Netatmo
Connected products

STEP 1: Gateway or Starter kit

STEP 2: Connected products

412181 EWNSKITWE

EWN770/1WE EWN770/2MB EWN770/3MW
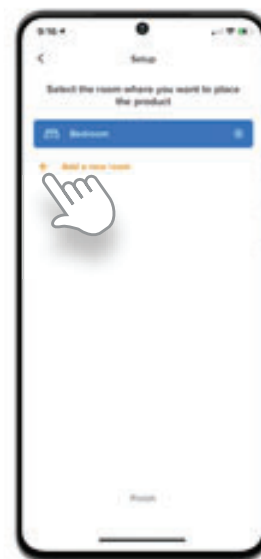
Used to control your home remotely (lighting and electrical appliances) using a smartphone via the Home + Control App and/or voice control (via a voice assistant). Must be ordered for any connected installation. The individual connected products can be added to the gateway or starter kit. 2.4GHz Wi-Fi connection required.

Used to complete your connected installation, requires prior installation of a gateway or starter kit.

Pack	Cat No.	Gateway
1	412181	Used to create a connected installation. - 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. DIN rail mounting. 2 modules DIN.

Starter kit

Used to create a connected installation
Includes:
- 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. Supplied with support frame, grid & plate.
- 1 Wireless master switch with preset scenarios which can be customised in the Home + Control App. Supplied with CR2032 3V battery for power supply and 4 rem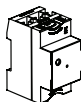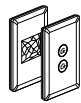ovable stickers for wall installation. LED function for low battery indication. Supplied with support frame and coverplate. Zigbee 2.4GHz to 2.4835GHz.

Pack	Cat No.	
1	EWNSKITWE	○ White
1	EWNSKITMW	○ Matt White
1	EWNSKITMB	● Matt Black

Pack	Cat No.	Smart switch
		240V a.c. 3 wire. Max. load 100W. Compatible with most traditional and LED lighting loads. Zigbee 2.4GHz to 2.4835GHz. Horizontal or Vertical orientation.
1	EWN770/1WE	○ White - 1 gang
1	EWN770/1MW	○ Matt White - 1 gang
1	EWN770/1MB	● Matt Black - 1 gang
1	EWN770/2WE	○ White - 2 gang
1	EWN770/2MW	○ Matt White - 2 gang
1	EWN770/2MB	● Matt Black - 2 gang
1	EWN770/3WE	○ White - 3 gang
1	EWN770/3MW	○ Matt White - 3 gang
1	EWN770/3MB	● Matt Black - 3 gang

Wireless switch

Supplied complete with CR2032 3V battery and 4 stickers to mount on walls. Zigbee 2.4GHz to 2.4835GHz.

Pack	Cat No.	
1	EWNWSW1WE	○ White - 1 gang
1	EWNWSW1MW	○ Matt White - 1 gang
1	EWNWSW1MB	● Matt Black - 1 gang

Red catalogue number: new product

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

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Excel Life WITH Netatmo
Connected products

STEP 2: Connected products

EWNDIM1MW EWNDIM2MB EWN787MW EWNM770WE EWNMDIMMW EWN770/3GPLMB

Pack	Cat No.	Smart dimmer
		240V a.c. 3 wire. Max. load 150W. Compatible with most traditional and LED lighting loads. Zigbee 2.4GHz to 2.4835GHz. Dimmer mode and LED locator can be activated in the Home + Control app.
1	EWNDIM1WE	○ White - 1 gang
1	EWNDIM1MW	○ Matt White - 1 gang
1	EWNDIM1MB	● Matt Black - 1 gang
1	EWNDIM2WE	○ White - 2 gang
1	EWNDIM2MW	○ Matt White - 2 gang
1	EWNDIM2MB	● Matt Black - 2 gang
1	EWNDIM3WE	○ White - 3 gang
1	EWNDIM3MW	○ Matt White - 3 gang
1	EWNDIM3MB	● Matt Black - 3 gang

Smart single powerpoint

Used to control electrical appliances remotely.
Can be paired with one or more wireless switches to create a controlled socket.
10A 240V a.c.
Measures instantaneous power and monitors power daily and monthly consumption, plus sends configurable notifications (fault, consumption, etc).
Zigbee 2.4GHz to 2.4835GHz.

Pack	Cat No.	
1	EWN787WE	○ White
1	EWN787MW	○ Matt White
1	EWN787MB	● Matt Black

Excel Life with Netatmo mechanisms

Switch mechanisms
240V a.c.
3 wire.
Max. load 100W.
Compatible with most traditional and LED lighting loads.

Pack	Cat No.	
1	EWNM770WE	○ White
1	EWNM770MW	○ Matt White
1	EWNM770MB	● Matt Black

Dimmer mechanisms
240V a.c.
3 wire.
Max. load 150W.
Compatible with most traditional and LED lighting loads.
Zigbee 2.4GHz to 2.4835GHz.
Dimmer mode and LED locator can be activated in the Home + Control app.

Pack	Cat No.	
1	EWNMDIMWE	○ White
1	EWNMDIMMW	○ Matt White
1	EWNMDIMMB	● Matt Black

Grid & plates

To be equipped with Excel Life with Netatmo mechanisms.

Pack	Cat No.	
1	EWN770/1GPLWE	○ White - 1 gang
1	EWN770/1GPLMW	○ Matt White - 1 gang
1	EWN770/1GPLMB	● Matt Black - 1 gang
1	EWN770/2GPLWE	○ White - 2 gang
1	EWN770/2GPLMW	○ Matt White - 2 gang
1	EWN770/2GPLMB	● Matt Black - 2 gang
1	EWN770/3GPLWE	○ White - 3 gang
1	EWN770/3GPLMW	○ Matt White - 3 gang
1	EWN770/3GPLMB	● Matt Black - 3 gang

Adaptor for Excel life mechanisms

Adaptor to fit a selection of Excel Life mechanisms into Excel Life Smart Grids & plates

Pack	Cat No.	
	EWNA770	○ White

Red catalogue number: new product

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Excel Life WITH Netatmo
Connected products

Arteor WITH Netatmo
Starter kit

Must be ordered for any connected installation

# Arteor WITH Netatmo
Extension kit

067694   574243   574252   412015

Used to complete your connected installation, requires prior installation of a Starter kit cat no. EWNSKIT series or DIN-rail gateway cat no. 412181.

Used to complete your connected installation, requires prior installation of a gateway or starter kit.

Pack	Cat No.	**Wireless switch module ON/OFF**
1	067694	Allows to transform a mechanical 2-way switch into a wireless ON/OFF switch. Small size for easy integration into the wall box. To be paired with one connected switch, micro-module, socket outlet. Supplied with CR2032 3V long-life battery for powersupply.
		Smart micromodule
1	574243	Used to provide connected lighting 100W, with neutral. Can be controlled by Home + Control app, smart auxiliary switch, momentary switches or wireless switches. To be installed close to the lighting load. Zigbee 2.4GHz to 2.4835GHz.

Pack	Cat No.	**Motion sensor**
1	574252	Allows to control up to 20 wired switches, micromodules and socket outlets. Easy pairing by tapping the wired products. Supplied with 2 x AA battery. For indoor and outdoor use. Recommended distance between 2 sensors: 6 m. Recommended installation height: 2.5 m. Time delay adjustable from 1 to 30 min Range: 8 m. Detection angle: 140°. Sensor range adjustable from 2 m to 8 m. Light level threshold adjustable from 1 to 1000 lux.
		Energy module for ⌐ rail mounting
1	412015	Measures the instantaneous and cumulative global electrical consumption of a single phase installation (63A maxi). Sends a notification in case of reaching a configurable limit in the Home + Control App. Delivered with 1 coil. 1 module.
		Connected curtain/roller blind micromodule
1	067697	For local and remote control of a 230 V⌐ roller blind (raise/lower/stop functions and level management). Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds. Can be paired with one or more roller blind wireless switches. To be installed in the ceiling box or roller blind box to connect a new or existing roller blind.

AWNSKITWE

Used to control your home remotely (lighting and electrical appliances), using a smartphone via the Home + Control App and/or voice control (via a voice assistant). Must be ordered for any connected installation. The connected extension kit or individual connected products can be added to the starter kit. 2.4 GHz Wi-Fi connection required.

AWNEKITWE

Used to complete your connected installation, requires prior installation of a starter or basic kit. Connected products can be added to the extension kit.

Pack	Cat.Nos	**Starter kit**
		Used to create a connected installation Includes: - 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. Supplied with support frame, coverplate and paint cover. - 1 Vertical smart switch 1 gang 240V a.c. 3 wire min. load 5W Max. load 100W. Compatible with most traditional and LED Lighting loads. Zigbee 2.4GHz to 2.4835GHz. Supplied with load stabilising capacitor, support frame, coverplate and paint cover. - 1 Smart single powerpoint (protected against overloads) 240V a.c. 10A. Compatible with any electrical appliance or large household appliance. Measures instantaneous power and monitors daily and monthly consumption, plus sends configurable notifications (fault, consumption, etc). Supplied with support frame, coverplate and paint cover. Zigbee 2.4GHz to 2.4835GHz. - 1 Wireless master switch with preset scenarios which can be customised in the Home + Control App. Supplied with CR2032 3V battery for power supply and 4 removable stickers for fixing the control on any walls. LED function for low battery indication. Supplied with support frame and coverplate. Zigbee 2.4GHz to 2.4835GHz.
1	AWNSKITWE	○ White
1	AWNSKITMGN	● Magnesium
1	AWNSKITALU	● Aluminium
1	AWNSKITCHP	● Champagne
		Basic Kit
		Used to create a connected installation, includes: - 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. Supplied with support frame, coverplate and paint cover. - 1 Wireless master switch with preset scenarios which can be customised in the Home + Control app. Supplied with CR2032 3V battery for power supply and 4 removable stickers for fixing the control on any walls. LED function for low battery indication. Supplied with support frame and coverplate. Zigbee 2.4GHz to 2.4835GHz.
1	AWNBKITWE	○ White
1	AWNBKITMGN	● Magnesium
1	AWNBKITALU	● Aluminium
1	AWNBKITCHP	● Champagne

Pack	Cat.Nos	**Extension kit**
		Used to create a wireless two-way switch and remotely control your electrical appliances. Includes: - 1 Smart single powerpoint 240V a.c. 10A (protected against overloads). Compatible with any electrical appliance or large household appliance. Measures instantaneous power and monitors daily and monthly consumption, plus sends configurable notifications (fault, consumptions, etc). Zigbee 2.4GHz to 2.4835GHz. Supplied with support frame, coverplate and paint cover. - 1 wireless switch. Supplied with CR2032 3V battery for power supply and 4 removable stickers for fixing the control on any walls. Zigbee 2.4GHz to 2.4835GHz. - 1 Vertical smart dimmer switch 1 gang 240V a.c. 3 wire Max. load 150W. Compatible with most traditional and LED lighting loads. Zigbee 2.4GHz to 2.4835GHz. Dimmer mode can be activated in the Home + Control app. Locator LED light at the front can be activated in the Home + Control app. Supplied with support frame, coverplate and paint cover.
1	AWNEKITWE	○ White
1	AWNEKITMGN	● Magnesium
1	AWNEKITALU	● Aluminium
1	AWNEKITCHP	● Champagne

Red catalogue number: new product

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STEP 2: Connected products

AWNVSW1WE   AWNVSW2MGN   AWNHSW3ALU

Used to complete your connected installation, requires prior installation of a Starter kit for connected installation.

Pack	Cat.Nos	**Smart light switch**
		240V a.c.
		3 wire.
		Min. load 5W.
		Max. load 100W .
		Compatible with most traditional and LED
		Lighting loads.
		Zigbee 2.4GHz to 2.4835GHz.
		Supplied with support frame, coverplate and
		paint cover.
		Vertical - 1 Gang
1	AWNVSW1WE	○ White
1	AWNVSW1MGN	● Magnesium
1	AWNVSW1ALU	● Aluminium
1	AWNVSW1CHP	● Champagne
		Vertical - 2 Gang
1	AWNVSW2WE	○ White
1	AWNVSW2MGN	● Magnesium
1	AWNVSW2ALU	● Aluminium
1	AWNVSW2CHP	● Champagne
		Horizontal - 1 Gang
1	AWNHSW1WE	○ White
1	AWNHSW1MGN	● Magnesium
1	AWNHSW1ALU	● Aluminium
1	AWNHSW1CHP	● Champagne
		Horizontal - 2 Gang
1	AWNHSW2WE	○ White
1	AWNHSW2MGN	● Magnesium
1	AWNHSW2ALU	● Aluminium
1	AWNHSW2CHP	● Champagne
		Horizontal - 3 Gang
1	AWNHSW3WE	○ White
1	AWNHSW3MGN	● Magnesium
1	AWNHSW3ALU	● Aluminium
1	AWNHSW3CHP	● Champagne

Pack	Cat.Nos	**Smart dimmer switch**
		240V a.c.
		3 wire.
		Max. load 150W.
		Compatible with most traditional and LED.
		lighting loads. Zigbee 2.4GHz to 2.4835GHz.
		Dimmer mode can be activated in the
		Home + Control app.
		Locator LED light at the front can be activated
		in the Home + Control app.
		Supplied with support frame, coverplate and
		paint cover.
		Vertical – 1 Gang
1	AWNVDM1WE	○ White
1	AWNVDM1MGN	● Magnesium
1	AWNVDM1ALU	● Aluminium
1	AWNVDM1CHP	● Champagne
		Vertical – 2 Gang
1	AWNVDM2WE	○ White
1	AWNVDM2MGN	● Magnesium
1	AWNVDM2ALU	● Aluminium
1	AWNVDM2CHP	● Champagne
		Horizontal – 1 Gang
1	AWNHDM1WE	○ White
1	AWNHDM1MGN	● Magnesium
1	AWNHDM1ALU	● Aluminium
1	AWNHDM1CHP	● Champagne
		Horizontal – 2 Gang
1	AWNHDM2WE	○ White
1	AWNHDM2MGN	● Magnesium
1	AWNHDM2ALU	● Aluminium
1	AWNHDM2CHP	● Champagne
		Horizontal – 3 Gang
1	AWNHDM3WE	○ White
1	AWNHDM3MGN	● Magnesium
1	AWNHDM3ALU	● Aluminium
1	AWNHDM3CH	● Champagne

STEP 2: Connected products

AWNHGP0WE   AWNVBLIWE   AWNWBLIWE

Used to complete your connected installation, requires prior installation of a Starter or Basic kit.

Pack	Cat.Nos	**Smart single powerpoint**
		Used to control electrical appliances remotely.
		Can be paired with one or more wireless switch to
		create a controlled socket.
		10A 240V a.c.
		Compatible with any electrical appliance or large
		household appliance.
		Measures instantaneous power and monitors
		daily and monthly consumption, plus sends
		configurable notifications (fault, consumption, etc).
		Supplied with support frame, coverplate and
		paint cover.
		Zigbee 2.4GHz to 2.4835GHz.
1	AWNHGP0WE	○ White
1	AWNHGP0MGN	● Magnesium
1	AWNHGP0ALU	● Aluminium
1	AWNHGP0CHP	● Champagne

Pack	Cat.Nos	**Connected roller shutter switch**
		For local and remote control of a 240V a.c.
		shutter/blind (raise/lower/stop functions,
		compatible with shutter/blind with mechanical
		and electronic stop, not compatible with radio-
		controlled shutter/blind).
		Can be paired with one or more shutter/blind
		wireless switches.
		Can be installed in place of an existing
		shutter/blind switch.
		Supplied with support frame, coverplate and
		paint cover.
		Zigbee 2.4GHz to 2.4835GHz.
1	AWNVBLIWE	○ White
1	AWNVBLIMGN	● Magnesium
1	AWNVBLIALU	● Aluminium
1	AWNVBLICHP	● Champagne

Wireless shutter/blind switch

Used to control one or more wired shutter/blind switches.
Pair by tapping on the selected shutter/blind switch(es).
Supplied with CR2032 3 V battery for power supply and 4 removable stickers for fixing the control unit on any walls.
LED function for low battery indication.
Zigbee 2.4GHz to 2.4835GHz.

Pack	Cat.Nos	
1	AWNWBLIWE	○ White
1	AWNWBLIMGN	● Magnesium
1	AWNWBLIALU	● Aluminium
1	AWNWBLICHP	● Champagne

Arteor WITH Netatmo
Connected products (continued)

STEP 2: Connected products

Living Now WITH Netatmo
Gateway and wireless master switch

STEP 1: Starter kit for a connected home

AWNWMSWE　　　AWNWMSMGN　　　AWNWNDALU　　　AWNWNDCHP
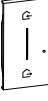
Used to complete your connected installation, require prior installation of a starter kit for connected installation.

K4500C　　　　　K4510C　　　　412181

Pack	Cat.Nos	
		Wireless master switch
		Used to add an extra Wireless master switch in a connected installation with multiple entrances. Works in the same way as the Wireless master switch included in the starter kit or basic kit. Home/away scenarios can be customised in the Home + Control App. Supplied with CR2032 3 V battery for power supply and 4 removable stickers for fixing the control unit on any walls. LED function for low battery indication. Supplied with support frame, and coverplate paint cover. Zigbee 2.4GHz to 2.4835GHz.
1	AWNWMSWE	○ White
1	AWNWMSMGN	● Magnesium
1	AWNWMSALU	● Aluminium
1	AWNWMSCHP	● Champagne
		Night/Day wireless switch
		Used to add 2 extra scenarios to a connected installation Preset Wake up/Sleep scenarios which can be customised in the Home + Control App. Supplied with CR2032 3 V battery for power supply and 4 removable stickers for fixing the control unit on any walls. LED function for low battery indicatio.n Supplied with support frame, and coverplate. Zigbee 2.4GHz to 2.4835GH.z
1	AWNWNDWE	○ White
1	AWNWNDMGN	● Magnesium
1	AWNWNDALU	● Aluminium
1	AWNWNDCHP	● Champagne

Cat. no.	**Gateway**
○ K4500C	This pack enables to create a connected installation in the 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 Supplied with the Home/Away wireless master switch required for the association procedure of all connected devices. Power supply 110-230 V∿ - 2 modules
○ K4510C	Gateway as above. Supplied with the flush-mounted Home/Away wireless master switch 1 module required for the association procedure of all connected devices. Power supply 110-230 VA - 2 modules
○ 412181	Gateway as above for DIN switchboard. Supplied without wireless In&Out master scenario control item K4570CW. - 2.5 DIN modules.

Cover required for the gateway

☐ KW30M2
■ KG30M2

2 modules
Cover for item K4500C in combination with the relative colored cover item KW40M2, KG40M2, and for item K4510C in combination with the relative colored cover item KW40, KG40.

Covers for the gateway scenario control

☐ KW40
■ KG40

1 module
Cover for item K4570CWI. (scenario control in the gateway item K4510C)

☐ KW40M2
■ KG40M2

2 modules
Cover for item K4570CW. (scenario control in the gateway item K4500C)

Living Now WITH Netatmo
Connected switches

Living Now WITH Netatmo
Connected Shutter/blind switches

STEP 2: Connected products

K4003C   574243

K4003C + KW01   KG01   K4003C + KW01M2   KG01M2

Devices to be completed with appropriate cover as indicated below.

Cat. no.	**Connected switches and light relay**
○ K4003C	**Connected 2-ways switch.** It allows to control lights locally or remotely. The connected 2-ways switch has the same installation and usability of a tradiional 2-ways switch and it is compatible with all loads with max pover 100 W. It is equiped with a blue LED light used always on for localisation modality or on, when the light is on for the load status modality. It can be associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 V∿. - 1 module
574243	**Connected lighting micromodule.** It allows to control lights locally or remotely. It is compatible with all loads with max pover 100 W. It can be connected to one or more traditional push-button or associated with "wireless light switches". It is installed as a traditional rele in the box (behind the button) or in derivation boxes. Caution: Must be connected to the neutral. Power supply 110-230 V∿.

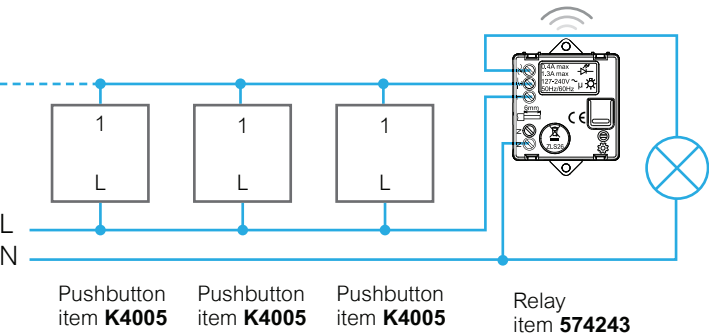| Cat. no.	**Covers**
☐ KW01 ■ KG01	**1 module** Lightable covers for items. K4003C
☐ KW01M2 ■ KG01M2	**2 modules** Lightable covers for items. K4003C

HOME + CONTROL APP

Note: For the use of the connected devices, the gateway, item **K4500C** or **412181** must be installed as part of the system.

If the gateway is connected to the internet through the Wi-Fi network, it will be possible to manage the system from the home using the specific **HOME + CONTROL** App.

Three-way switching with connected two-way switch, item K4003C, installed instead of a traditional two-way switch.

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Connected two-way switch item **K4003C**
Intermediate switch item **K4004**
Two-way switch item **K4003**
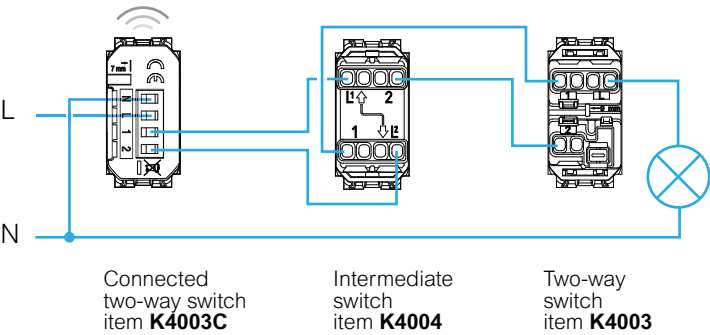
Three-point lighting control with pushbuttons and connected lighting micromodule, item 574243, installed instead of a traditional relay.

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Pushbutton item **K4005**
Pushbutton item **K4005**
Pushbutton item **K4005**
Relay item **574243**

STEP 2: Connected products

K4027C   K4027CM2   067697

KW32   KG32   KW32M2   KG32M2

Devices to be completed with appropriate cover as indicated below

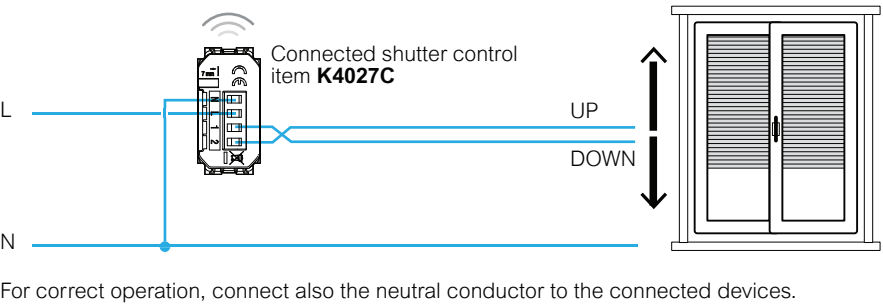| Cat. no.	**Connected devices for shutters**
○ K4027C	**Connected rolling shutter switch** - It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply). Not compatible with motors for radio-controlled or pulse-controlled roller shutters. It can be associated with one or more wireless commands. Caution: Must be connected to the neutral. Power supply 110-230 V∿. - 1 module
○ K4027CM2	As K4027C - 2 modules
○ 067697	**Connected micromodule for shutters.** Associated to one or more shutter wireless controls, it controls a shutter locally or remotely. Compatible with all standard shutter motors (with mechanical or electronic limit switch and maximum power 500 VA), controlled by a wired shutter changeover switch (changeover with the same power supply as the motor). Not compatible with radio controlled or pulse controlled shutter motors. It can be installed in the existing shutter box with no need of masonry works. Power supply 110-230 V∿.

Cat. no.	**Covers**
☐ KW32 ■ KG32	**1 module** Cover for item K4027C.
☐ KW32M2 ■ KG32M2	**2 modules** Cover for items K4027C and K4027CM2.

Note: For the use of the connected devices, the gateway, item **K4500C** or **412181** must be installed as part of the system.

If the gateway is connected to the internet through the Wi-Fi network, it will be possible to manage the system from the home using the specific **HOME + CONTROL** App.

Connected shutter control item **K4027C**

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UP
DOWN
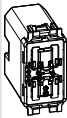
For correct operation, connect also the neutral conductor to the connected devices.

HOME + CONTROL APP

☐ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

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☐ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Living Now WITH Netatmo
Connected dimmers

K4411C

KW01   KG01
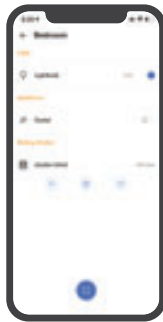
Devices to be completed with appropriate cover as indicated below.

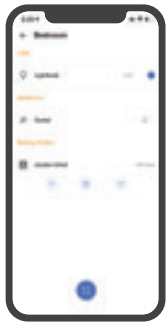| Cat. no.	Connected dimmer/switch
○ K4411C	**Universal dimmer** Dimmer/switch. It allows to control lights locally or remotely, with the dimmer functionality that can be activated from the Home + Control app. It has the same installation and usability of a traditional switch and it is compatible with all loads (LED, halogen) with max power 150 W at 230 V (or 75 W at 110 V). It is equiped with a blue LED light used for localisation modality or load status modality, configurable by App. It can be connected to one or more traditional push-button or associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 V∿. - 1 module.

Cat. no.	Covers
□ KW01 ■ KG01	**1 module** Cover for item K4411C.

Note: For the use of the connected devices, the gateway, item **K4500C** or **K4510C** must be installed as part of the system.

If the gateway is connected to the internet through the Wi-Fi network, it will be possible to manage the system from the home using the specific **HOME + CONTROL** App.

HOME + CONTROL APP

Dimmer/switch item K4411C with remote pushbuttons.

Pushbutton item **K4005**   Dimmer/switch item **K4411C**

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N

□ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

Living Now WITH Netatmo
Wireless switches

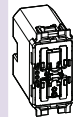K4003CWI   K4003CW   K4003DCW   KW01   KW43M2   574252

Devices to be completed with appropriate cover as indicated below.

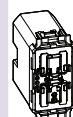| Cat. no.	Wireless controls for light
○ K4003CWI	Wireless light switch. It allows the ON/OFF and dimming control of one or more connected devices for the lighting control. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 1 module
○ K4003CW	Wireless light switch. It allows the ON/OFF and dimming control of one or more connected devices for the lighting control. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules
○ K4003DCW	Wireless light switch. It is equipped with two buttons to control two different connected devices for lights. Each single button can be associated with one or more devices. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules
○ 067694	Wireless module for mechanical switch. It allows to change a 2-way switch or a traditional pushbutton into a wireless light control for ON/OFF control of one or more devices connected for light control. The small size allows the installation in the flush mounted box. CR2032 type 3V power battery with 8 year expected life supplied (as standard).

Wireless controls for shutter

Cat. no.	
○ K4027CWI	Rolling shutter wireless switch - It allows the control of one or more connected rolling shutter switches. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 1 module
○ K4027CW	Rolling shutter wireless switch - It allows the control of one or more connected rolling shutter switches. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules

Cat. no.	Cover
□ KW01 ■ KG01	**1 module** Cover for item K4003CWI
□ KW33 ■ KG33	Cover for item K4003CWI
□ KW32 ■ KG32	Cover for item K4027CWI
□ KW42M2 ■ KG42M2	**2 modules** Cover for item K4003CW
□ KW36M2 ■ KG36M2	Cover for item K4003DCW
□ KW43M2 ■ KG43M2	Cover for item K4027CW

	Motion sensor wireless
○ 574252	It controls one or more devices connected for light control. Infrared detection with angle of 140°. Distance of the adjustable sensor from 2 to 8 m. Switch off delay with 1 to 30 min adjustable delay time and 1 to 1000 lux brightness threshold. Test possible with a 5 sec. delay Recommended assembly height: 2.5 m. Optimum distance between 2 detectors: 6 m. For indoor and outdoor use (IP44). Supplied with 2 1.5V AA batteries for power supply.

Note: For the use of the connected devices, the gateway, item **K4500C** or **412181** must be installed as part of the system.

If the gateway is connected to the internet through the Wi-Fi network, it will be possible to manage the system from the home using the specific **HOME + CONTROL** App.

HOME + CONTROL APP

□ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

Living Now WITH Netatmo
Connected sockets and energy measurement

K4531C   412015

Devices to be completed with appropriate cover as indicated below.

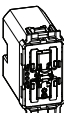| Cat. no.	Connected devices for energy management
○ K4531C	Connected socket module - wiring to a power outlet, allows to remotely control appliances and check the consumption (instantaneous, daily, monthly). It is also possible to receive notifications in case of anomalous consumption. The connected socket module is compatible with any device electric and large appliances up to 16 A 3680 W max. (protected against overloads). It is equiped with a LED light lit in blue when it is on. This option can be enabled or disabled in the "Home+Control" app. It can be associated with "wireless light switches". Power supply 110-230 V∿ - 1 module
○ 412015	Connected DIN meter. It allows to measure the energy consumption of the house electric installation (instantaneous, daily, monthly). It is also possible to receive notifications in case of exceeded the maximum power provided by your contract to avoid possible black-out. A toroid is provided to read the current. Power supply 110-230 V∿ - 1 DIN module

Cat. no.	Cover
	1 module
☐ KW31	Cover for item K4531C
■ KG31	

Living Now WITH Netatmo
Wireless scenario switches

K4570CWI   K4570CW   KG40   KW41   KG41   KW41M2   KG37M2

Devices to be completed with appropriate cover as indicated below.

Cat. no.	Wireless Home/Away scenario controls
○ K4570CWI	Home/away wireless switch wireless switch. It is equipped with 2 buttons for activating Home/away scenarios. Scenarios can be customised by the Home + Control app. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 1 module
○ K4570CW	Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios. Scenarios can be customised by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules

Cat. no.	Covers
	1 module
☐ KW40	Cover for item K4570CWI
■ KG40	
☐ KW41	Cover for item K4574CWI
■ KG41	
	2 modules
☐ KW40M2	Cover for item K4570CW
■ KG40M2	
☐ KW41M2	Cover for item K4574CW
■ KG41M2	
☐ KW37M2	Cover for item K4575CW
■ KG37M2	

Cat. no.	Wireless wake up/sleep scenario controls
○ K4574CWI	It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customised by the Home + Control app. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 1 module
○ K4574CW	It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customised by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules

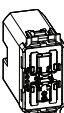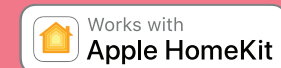| Cat. no.	Wireless 4 scenarios control
○ K4575CW	It's equipped with 4 buttons for activating of scenarios 1,2,3 and 4. Scenarios can be customised by the Home+ Control app. Surface installation with repositionable stickers (supplied) or onto a flushmounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules.

☐ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

32

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

☐ **White** colour cover   ■ **Black** colour cover   ○ Neutral item (without cover)

33

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

NOTES

COMPATIBILITY

works with Hey Google

Works with Apple HomeKit

VOICE ASSISTANTS

Excel Life Smart, Arteor with Netatmo and Living Now with Netatmo are compatible with the main voice assistants.

WORKS WITH alexa

WORKS WITH legrand

NETATMO

somfy.

AN OPEN SYSTEM

Excel Life Smart, Arteor with Netatmo and Living Now with Netatmo are an open system for everyone in the connected home.