

# Livinglight

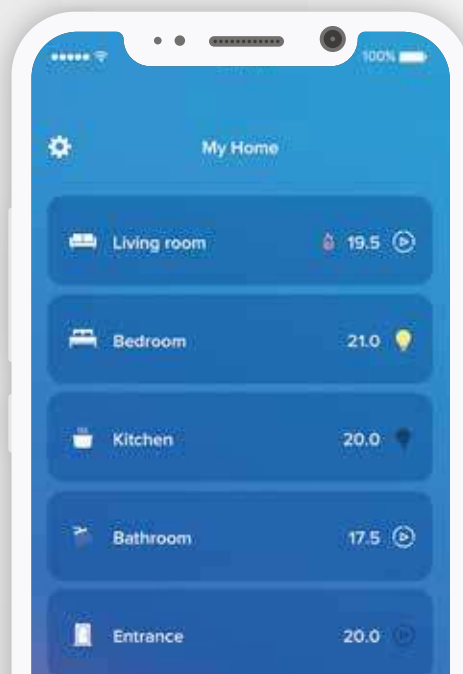


App Home + Control

# Now the system is also Smart



Livinglight <sup>WITH</sup> Netatmo



App Home + Control

# Contents

|   |   |
|---|---|
| <p>X-XX<br/>General features</p>                            | <p>LIVINGLIGHT From traditional to Smart X</p> <p>Smart LIVINGLIGHT with NETATMO electric system X</p> <p>Home+Control XX</p> <p>Manage the home also with the voice XX</p> <p>The ideal solution for refurbishment XX</p> <p>Turning a traditional system into a Smart system XX</p> <p>A simple range of connected wired and wireless devices XX</p> <p>Select your Smart devices based on the required system XX</p> <p>New SMARTHER 2 connected thermostat XX</p> <p>LIVINGLIGHT, countless combinations XX</p> <p>LIVINGLIGHT Air XX</p> <p>LIVINGLIGHT Square Cover Plates XX</p> <p>LIVING INTERNATIONAL XX</p> <p>The design of the controls XX</p> <p>New induction and USB chargers XX</p> <p>The light needed at the right time XX</p> <p>MyHOME_Up XX</p> <p>MyHOME_Up App XX</p> <p>Hotel room solution XX</p> <p>Technology and flexibility in the office XX</p> <p>LIVINGLIGHT Installation solutions XX</p> |
| <p>XX-XX<br/>Catalogue</p>                                  | <p>Smart electrical system - modular version XX</p> <p>Smart electrical system - Europe version XX</p> <p>Traditional and Smart electrical system XX</p> <p>MyHOME_Up system XX</p> <p>Installation and cover plate finishing XX</p>  |
| <p>XX-XX<br/>Technical information<br/>Dimensional data</p> | <p>Technical information X</p> <p>Dimensional data X</p>  |



LivingLight with Netatmo forms part of Eliot, the BTicino program for connected objects.



# Livinglight

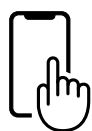
## From traditional to Smart

### AN IDEAL EVOLUTION FOR:

- Turning existing traditional systems into Smart systems with only a few wiring interventions;
- Creating new Smart systems for the control of lights, shutters and consumptions, and to prevent overload black-out;
- All this without changing your working habits.



Home + Control



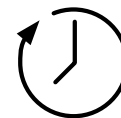
REMOTE CONTROL



CREATION OF SCENARIOS



VOICE CONTROL



PLANNING PROGRAMMED



# Smart electric system

Monitoring the home is even easier.

A single Home+Control App to manage lights, shutter, energy and temperature. The function may also be easily monitored using voice controls sent through the Apple Siri, Google Home and Amazon Alexa voice assistants.



App  
Home + Control



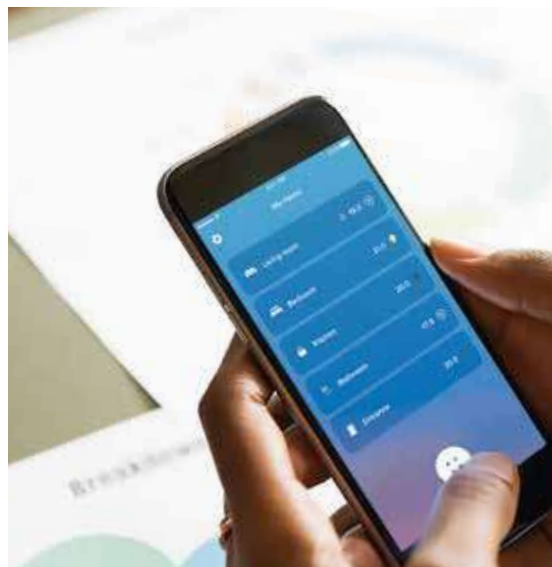
**GENERAL CONTROL**

With one single click, a general control will allow you to switch off all the lights and lower all the shutters when you leave your home, or to activate your favourite scenario.



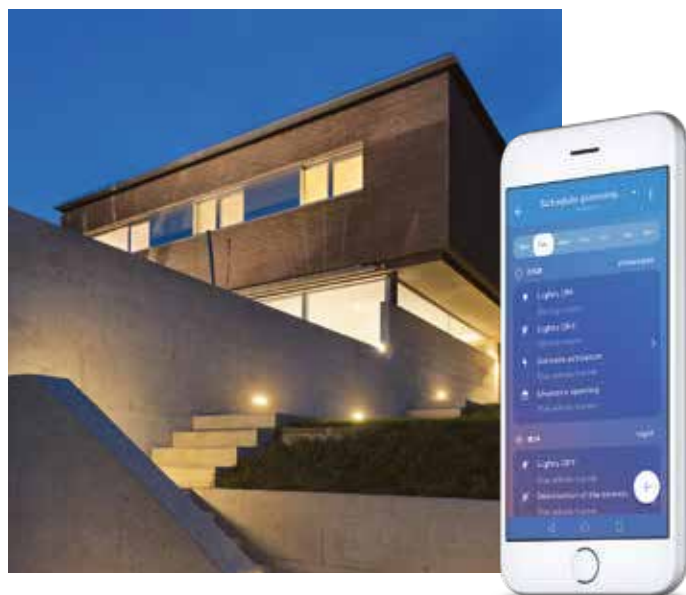
**CONTROL WITH SMARTPHONE**

From your smartphone, you will be able to view and check the status of lights, shutters and connected power sockets from anywhere.



**VOICE COMMAND**

You can control your system with your voice thanks to your favourite voice assistant.



**PLANNED PROGRAMMING**

Program the activation of lights, shutters and loads connected to sockets based on your needs. Some examples:

- automatically switch on the garden lights at sunset and switch them off at sunrise;
- switch on some lights and activate some shutters to simulate the presence of someone in the house when on holidays.

# Smart electric system

## MANAGEMENT OF THE TEMPERATURE

Remotely check and manage the temperature inside your home using your smartphone and installing the connected thermostat Smarter with NETATMO.



## LIGHTING AT THE DESIRED LEVEL

Adjust the light level for optimum personal comfort. You can do that from the connected Dimmer, the associated wireless controls and the Smartphone, using the Home+Control App.



**LOAD CONTROL TO AVOID BLACKOUTS (\*)**

In overload conditions, the system automatically disconnects the least important load to avoid tripping of the meter (blackout).



**ENERGY CONSUMPTION CONTROL**

Use your smartphone to check the electricity consumption of your appliances (daily, monthly and yearly).



**WIRELESS CONTROL**

You can add wireless controls (lights, shutters and sockets), or reposition them at any time depending on your needs.



**ALARM NOTIFICATIONS**

You can receive warning notifications on your smartphone.

Note [\*]: contact BTicino for information regarding the availability of the function.

# Home + Control



one single App,  
many connected advantages

Home+Control is the App that makes it simple to supervise all the Livinglight Smart system functions using iOS and Android mobile devices, inside and outside the home.

The Homepage shows all the system information.



## WHAT YOUR CUSTOMER CAN DO:

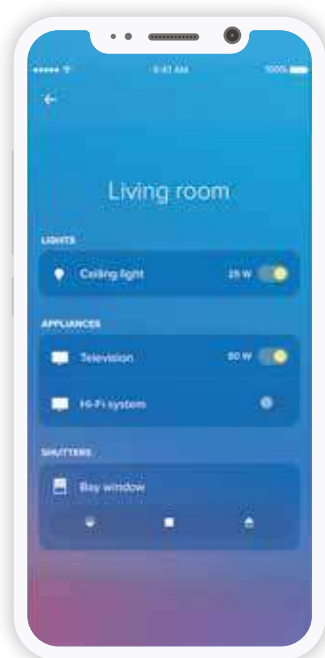
1. Activate and customise **8 scenarios** (4 preconfigured scenarios, coming in, going out, day, night and 4 scenarios customisable by the user);
2. **Display and check the status of lights, shutters, loads connected to sockets and the room temperature;**
3. **Use the Smarter timer thermostat** simply and intuitively;
4. **Check the total home consumptions.**
5. **Receive notifications** on the load and system status;
6. **Define the load priority** for black-out prevention\*.



Note (\*): contact BTicino for information regarding the availability of the function.

## HOME + CONTROL CONFIGURATION IS EASY, BOTH FOR YOU AND YOUR CUSTOMER.

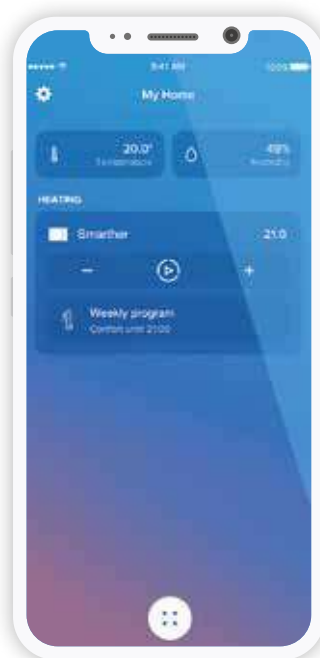
You simply have to download the App from the Apple or Google store, and follow the guided procedure.



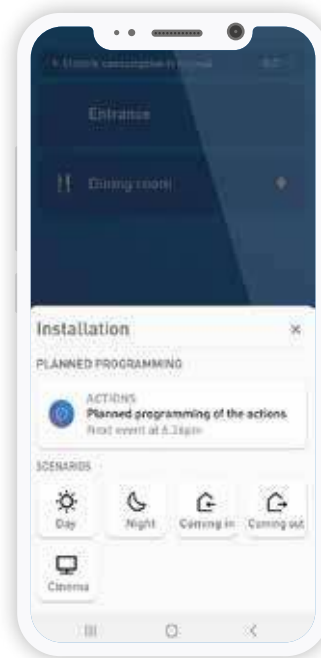
Lights, shutters  
and generic loads activations



Consumption  
display



Management of the  
temperature



Scenario  
management



### INTEGRATION WITH IFTTT

The Living Now Smart functions can be extended thanks to the integration with the IFTTT platform. It will be possible to create automated actions based on events generated in the electric system, or by external services and connected third-party devices.

# Manage the home also with the voice

Use the Apple, Google and Amazon voice assistants.

Using their preferred voice assistants, your customers can control their homes hands-free: an extremely useful function also for those with mobility problems.

«Ehi Siri, close all the shutters»



Note: Home Pod, Google Home and Amazon Echo are available from Apple store, Google Store, Amazon, or from authorised retailers.

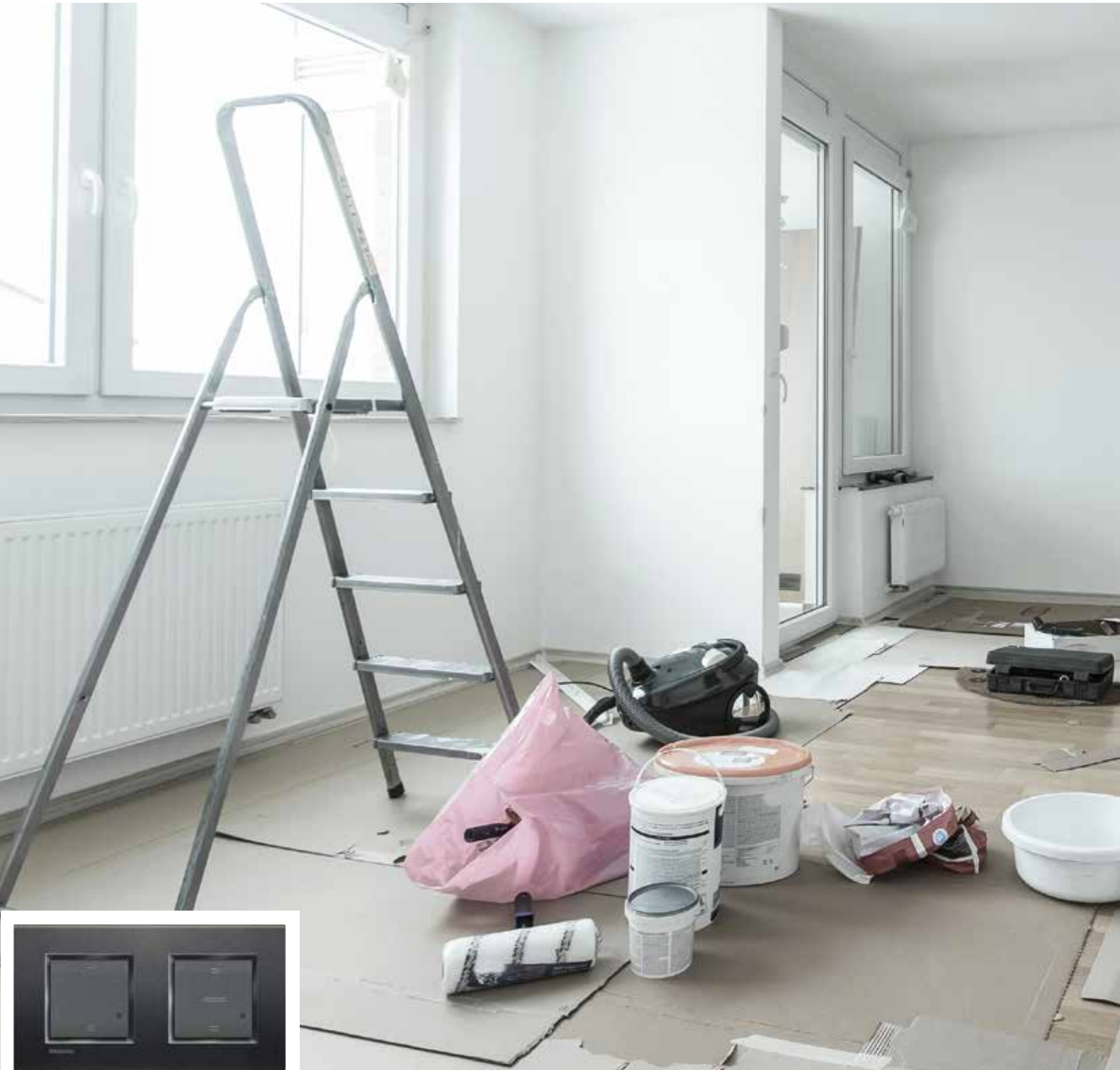
«Alexa, set the temperature to 20 degrees»



«OK Google, set the kitchen light to 100%»



HomeKit is a registered trade mark which is the property of Apple Inc. Google Home is a registered trade mark which is the property of Google LLC. Amazon Alexa is a registered trade mark which is the property of Amazon.com, Inc.



**+**  
**+**  
**ADDITIONAL  
FUNCTIONS**



**REMOTE  
CONTROL**



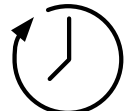
**CREATION OF  
SCENARIOS**



**VOICE  
CONTROL**



**CONSUMPTION  
CONTROL**



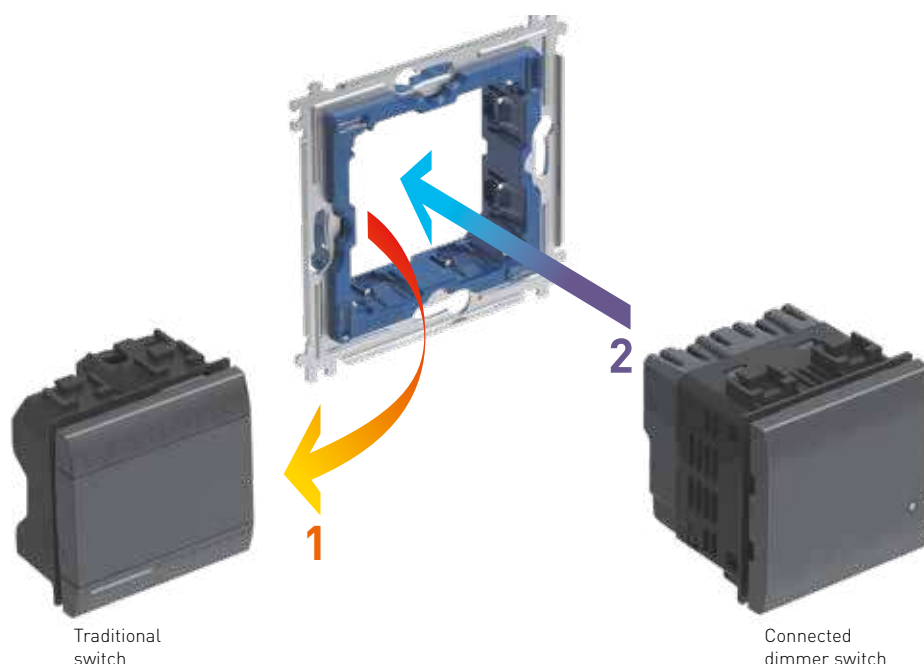
**PLANNING  
PROGRAMMED**



# The ideal solution for refurbishment

Your customer is refurbishing the home and has a Livinglight system?

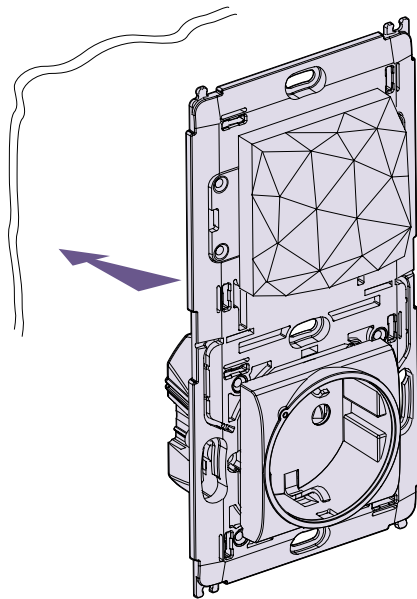
Suggest them to upgrade to a Smart system by replacing some traditional devices with some similar connected ones. It's the ideal solution also for those who want to install a new Smart electric system without renouncing to the Livinglight design.



EXAMPLE OF REPLACEMENT OF A TRADITIONAL DIMMER WITH A CONNECTED ONE

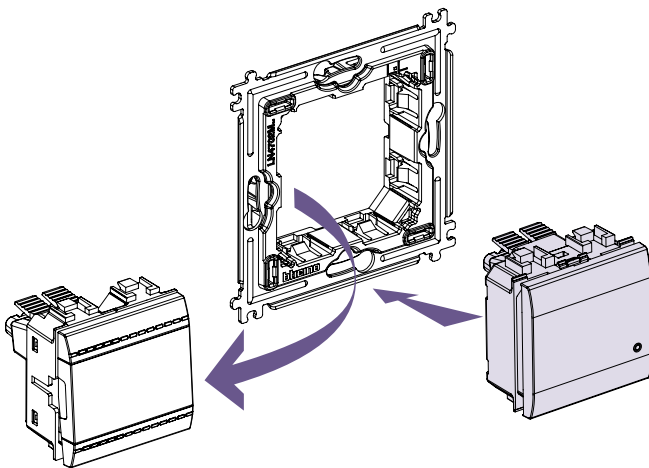
Turn a traditional system into a Smart system with just a few simple steps.

1. Install the gateway in the switchboard (if item FC80GT), or flush mounted in a desired position

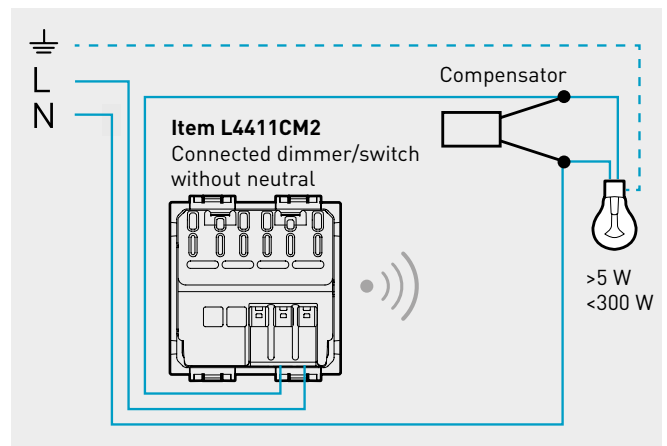


Flush mounted gateway with socket.  
Ensure appropriate home Wi-Fi signal.

2. Replace current devices with the connected devices for your type of system



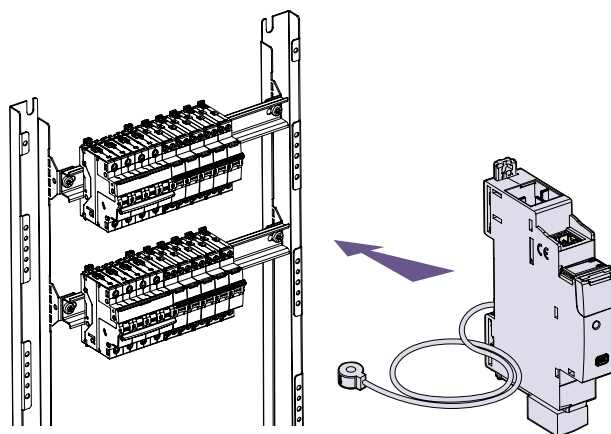
In place of a traditional device, install the connected device of the corresponding type for the managing of lights, shutters and sockets: one for each control line.



Example of connected dimmer/switch wiring

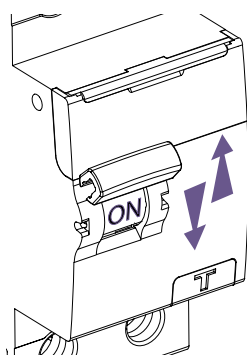


### 3. Add the energy meter module if desired

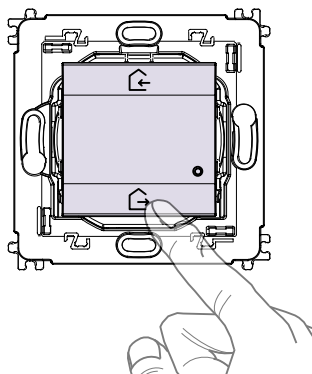


Item **F20T60**  
Connected DIN meter

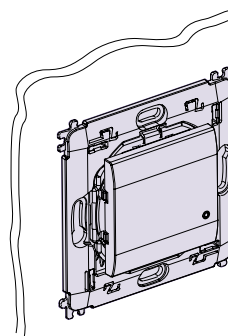
### 4. Devices can be associated to each other by simply pressing a pushbutton



Switch the system off and on.



Press the Home/Away master scenario control supplied with the gateway for 5 seconds. Devices are associated to each other.



Item **L/N/NT4003CW**  
Wireless wall mounted control

You can now expand the system with radio controls.

### 5. Download the Home+Control App from the stores and follow the guided procedure to define the objects to manage

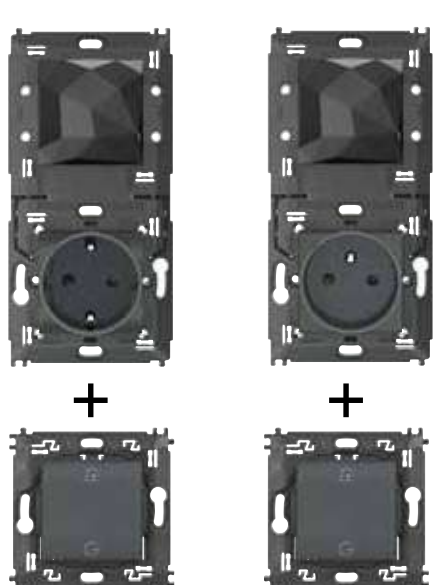




App Home + Control



## Smart electrical system

A simple, rational range of connected devices, both wired and wireless.

| REMOTE CONNECTION  | SCENARIOS  |
|--|--|
| <p><b>CONNECTED DEVICES (230V A.C.)</b></p>  <p><b>Item L/N/NT4501C</b><br/>Gateway with german standard socket and Home/Away wireless switch</p> <p><b>Item L/N/NT4502C</b><br/>Gateway with french/belgian standard socket and Home/Away wireless switch</p> <p><b>Item FC80GT</b><br/>Gateway DIN</p> |  |
| <p><b>BATTERY WIRELESS CONTROLS</b></p>   |  <p><b>Item L/N/NT4570CW</b><br/>Home/Away wireless switch</p> <p><b>Item L/N/NT4575CW</b><br/>4 scenarios control</p> <p><b>Item L/N/NT4574CW</b><br/>Night&amp;Day scenario control</p> |

LIGHTS



**Item L/N/NT4411CM2**  
Connected switch/dimmer



**Item FC80RC**  
Connected DIN relay 16 A



**Item 3584C**  
Connected light relay 1,3 A



**Item L/N/NT4003CW**  
Light control



**Item 3585C**  
Motion sensor



**Item L/N/NT4003DCW**  
Double light control



**Item 3577C**  
Wireless module for mechanical switch

SHUTTERS



**Item L/N/NT4027CM2**  
Connected shutter switch



**Item 4027C**  
Connected micromodule for shutter



**Item L/N/NT4027CW**  
Shutter control

ENERGY AND CONSUMPTION MANAGEMENT



**Item L/N/NT4141AC**  
Connected german standard socket



**Item L/N/NT4142AC**  
Connected french/belgian standard socket



**Item F20T60A** Connected DIN meter  
**Item FC80GCS** Connected DIN load management



**Item FC80CC**  
Connected DIN contactor 20 A



**Item 4141PC**  
Mobile german standard power outlet



**Item 4142PC**  
Mobile french/belgian standard power outlet

Connected thermostat  
**Item XW8002**  
**Item XW8002W**  
**Item XM8002**  
**Item XG8002**



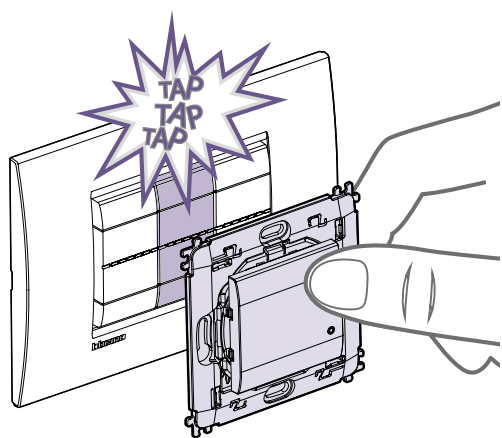
**Note:** The devices are also available in Light white and Tech gray finishes. See catalogue for detailed descriptions, availability and full range of products.

# Wireless Controls: 2 solutions to control the system in full freedom.

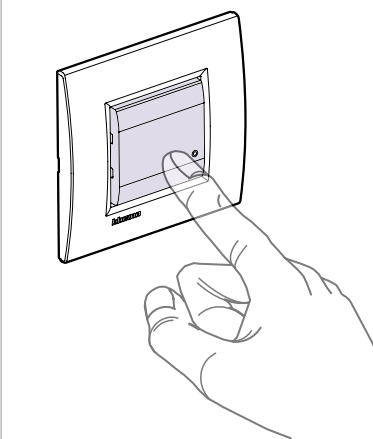
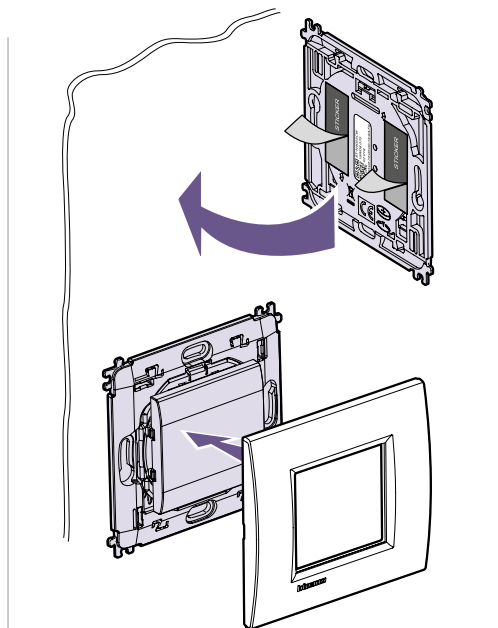
## WALL MOUNTED INSTALLATION



## IT CAN BE INSTALLED IN A FEW SECONDS

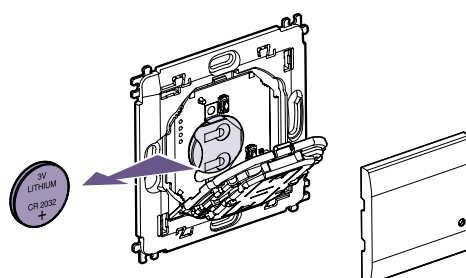


1. associate the control with a simple action

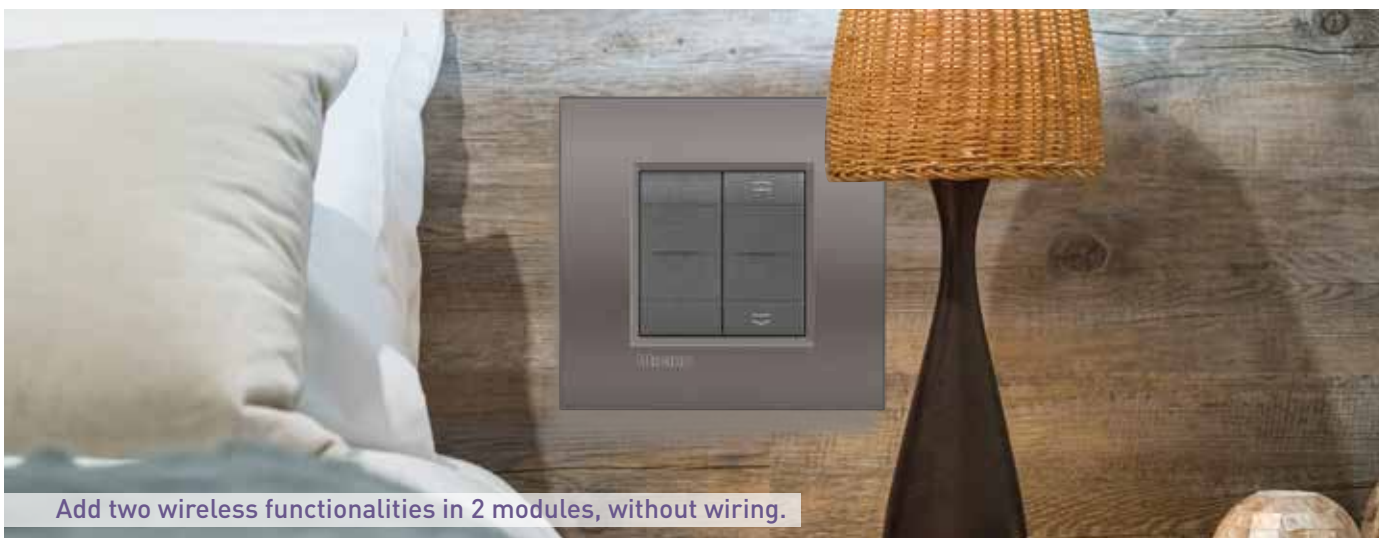


## POWER SUPPLY WITH LONG-LIFE BATTERIES

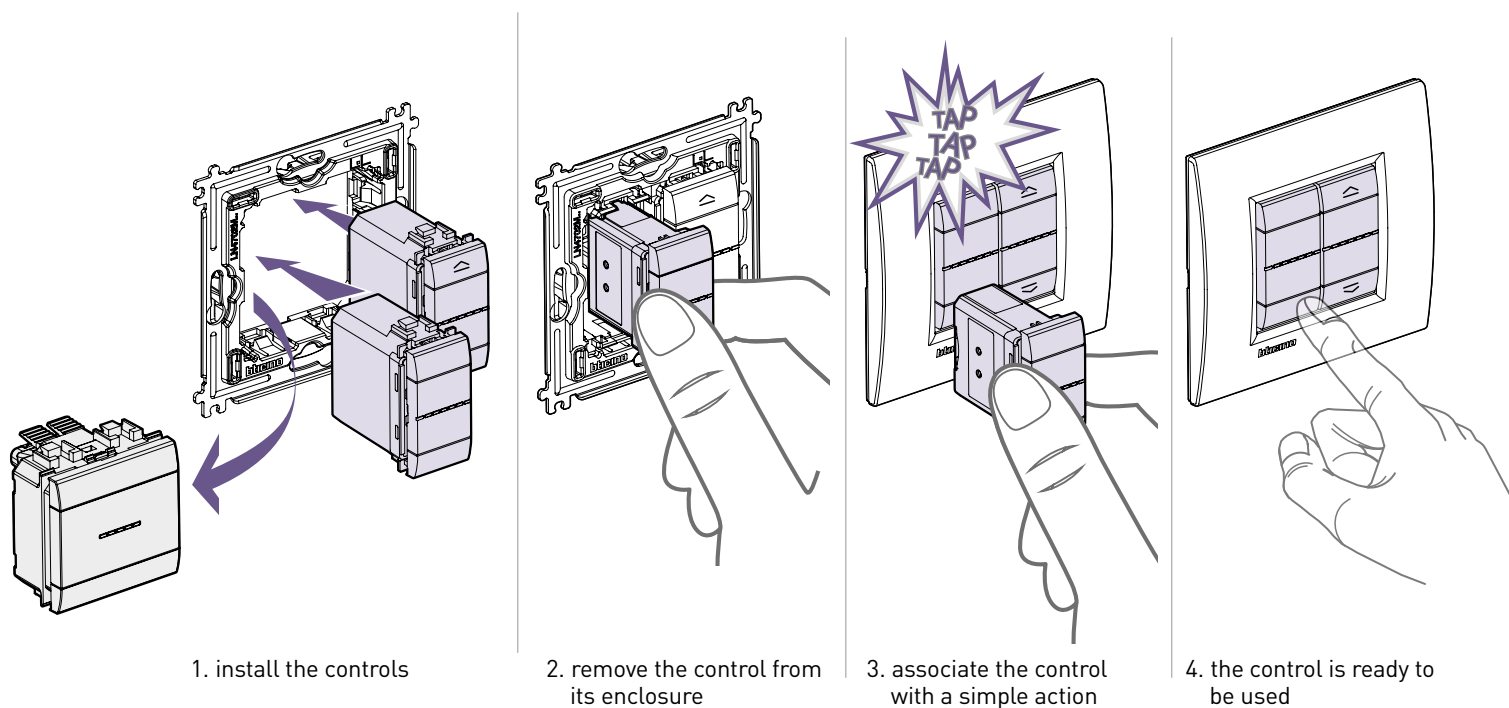
The control is powered by a CR2032 battery, capable of guaranteeing operation for 8 years.



**FLUSH MOUNTED INSTALLATION**

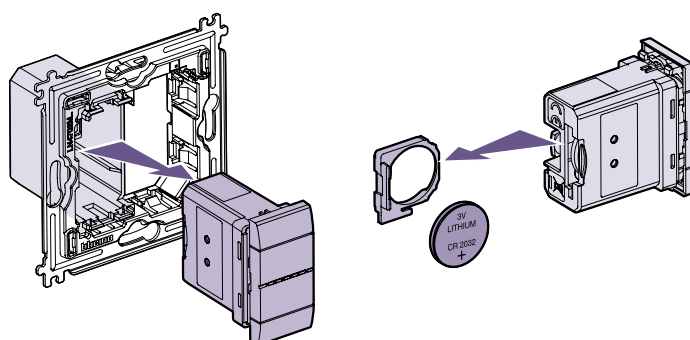


IT CAN BE INSTALLED IN A FEW SECONDS



**POWER SUPPLY WITH LONG-LIFE BATTERIES**

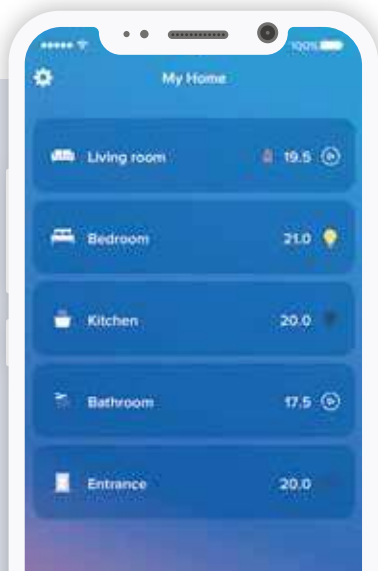
The control is powered by a CR2032 battery, capable of guaranteeing operation for 8 years. The replacement does not require any tools.





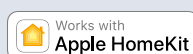
# The **new** connected thermostat Smarter

WITH  
Netatmo

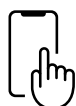


#### WITH THE APP IT'S ALL EASIER

- Remotely manage the thermostat simply and intuitively
- Create and modify the weekly programs
- Manage the thermostat from several smartphones and different users
- Control several thermostats in the same home or different homes
- Manage the thermostat updates
- Combine the voice command with your favorite voice assistant (Amazon Alexa, Apple Home Kit or Google Home)



# What can you do with the BTicino connected thermostat?



## SETTING THE PROGRAMS

Using the Home + Control App, it is possible to set preset programs based on your habits



## AWAY

If you need to be away from home for a few days you can, via the APP, act remotely to adjust the thermostat (e.g. in antifrost mode) independent of the automatic programming.



## BOOST

The Boost function can be used to activate the heating or cooling system for a limited time (30, 60 or 90 minutes), irrespective of the set program and the ambient temperature.



## MONITORING OF CONSUMPTIONS

Using the Home + Control App, it is possible to easily manage and monitor consumptions.



## MAXIMUM COMFORT IN EVERY ZONE

Using the same App, it is possible to manage several thermostats in the same home or in different homes, as well as set the desired temperature in every room for maximum comfort, thanks to the compatibility with Netatmo smart radiator valves.



## The connected thermostat is simple and intuitive



Display the temperature and set it as desired



Display the set room temperature and humidity



Activate the Boost function



LOCAL DEVICE CONTROL



VOICE CONTROL



GEOLOCATION



Air



Square

A Single Range.  
Three finishes of the key covers.  
Two designs of cover plate.  
Countless combinations.

# Livinglight



# COVER PLATES **Air\***

## Thin like no other

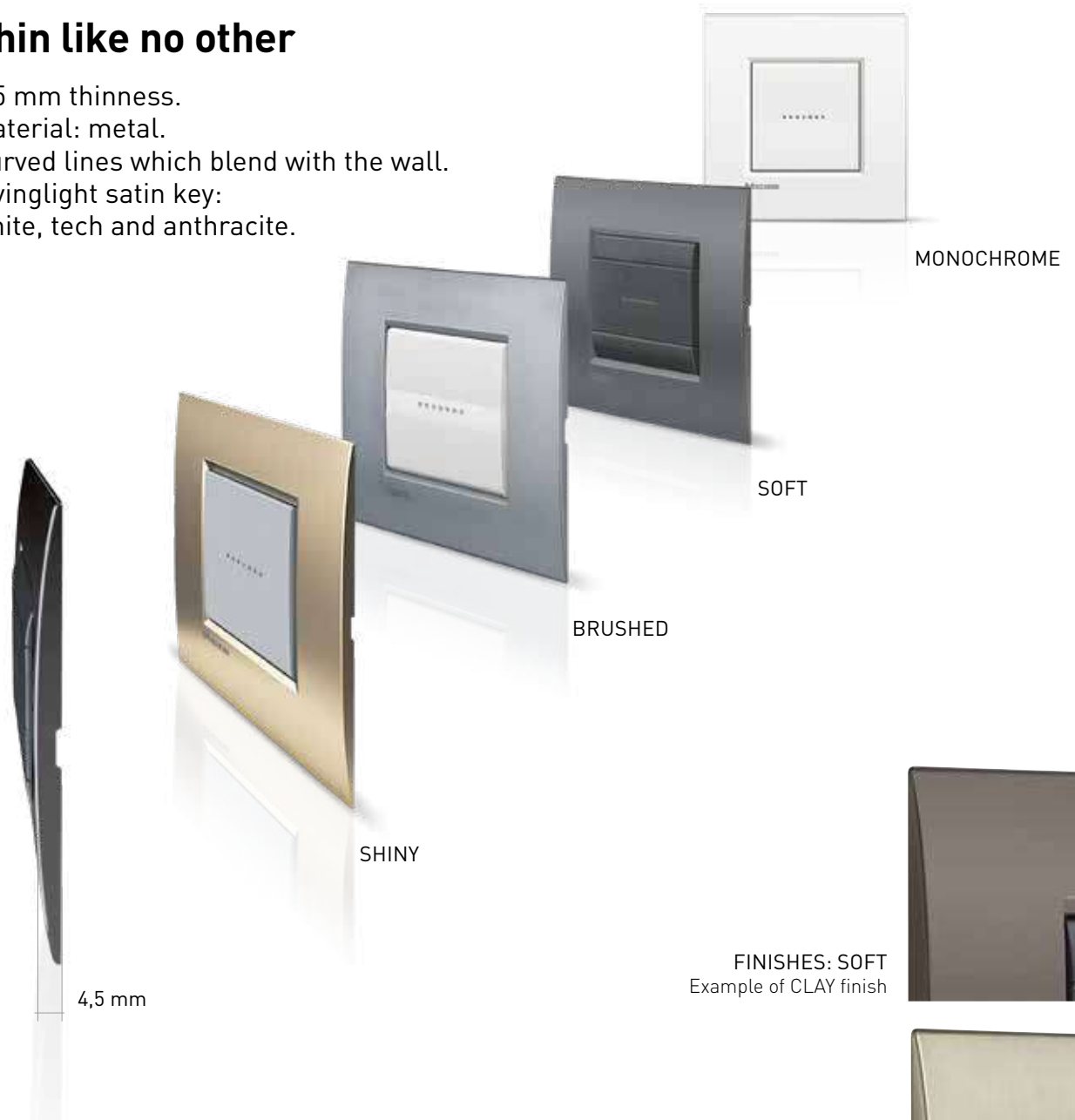
4.5 mm thinness.

Material: metal.

Curved lines which blend with the wall.

Livinglight satin key:

white, tech and anthracite.



4,5 mm

SHINY

BRUSHED

SOFT

MONOCHROME

FINISHES: SOFT  
Example of CLAY finish

FINISHES: BRUSHED  
Example of BRUSHED TITANIUM finish



KRISTALL

# Square

## COVER PLATES

### The classic renews itself for a timeless design

9.5 mm thinness

Material: metal, wood, techno polymer

Livinglight satin key: white, tech and anthracite



NEUTRAL



NATURALIA



METALS



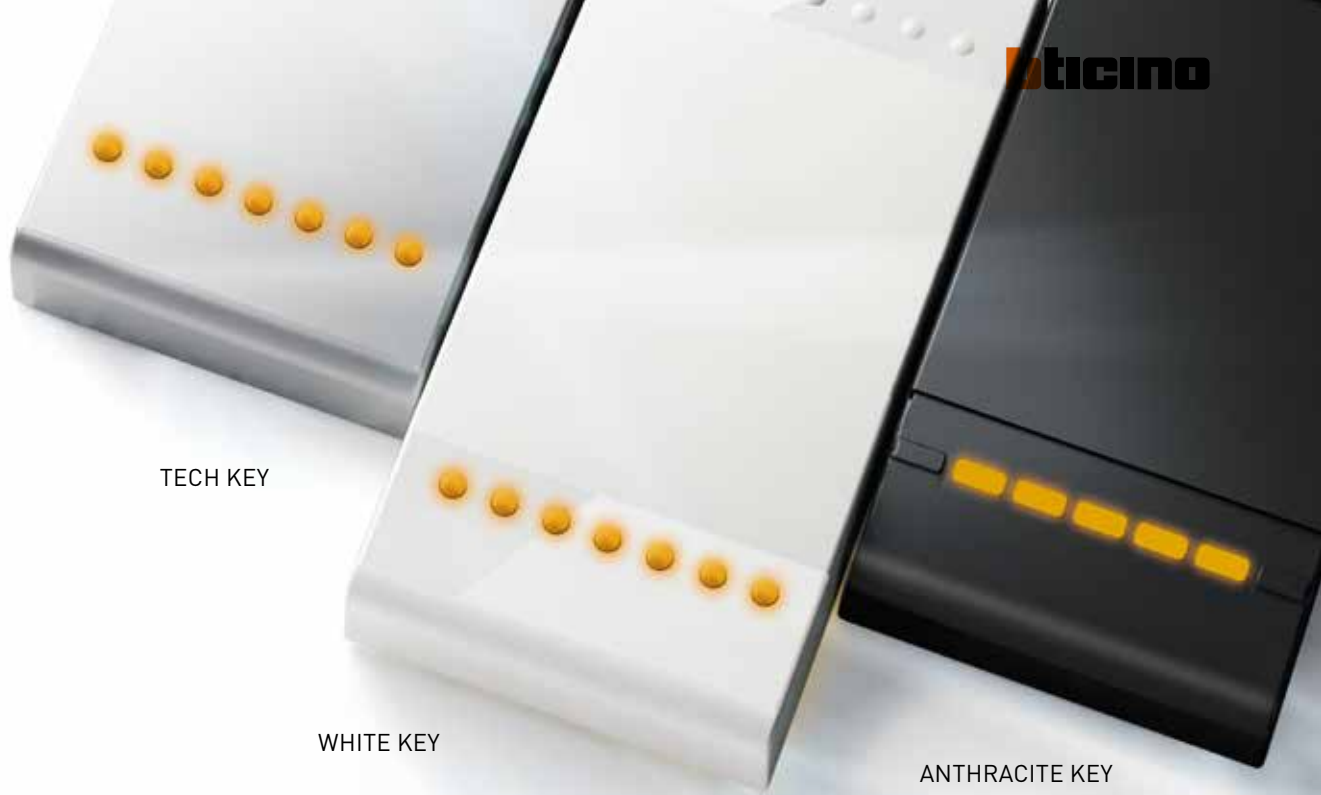
WOODS



DEEP



SILK



TECH KEY

WHITE KEY

ANTHRACITE KEY

# The design of the controls

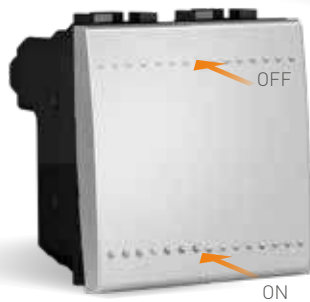
## FEATURES

- Satin finish.
- LED backlight.
- Ergonomic and noise reduction.
- Axial controls with REDUCED depth.
- Axial Smart controls.



### AXIAL SMART CONTROLS

All controls in the LivingLight with Netatmo range are available only in the axial variant and blue LED lighting.



### ROCKER CONTROLS



### AXIAL CONTROLS

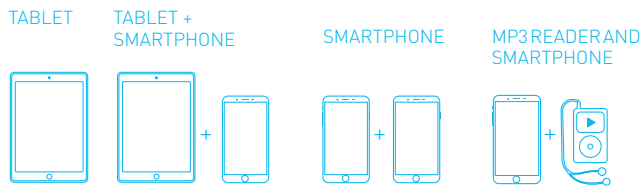
The axial controls are ideal for best taking advantage of the planarity of the new AIR cover plate.

# New Type-C and induction USB chargers

Faster charging and maximum flexibility for all uses.

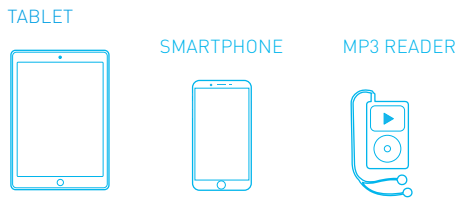
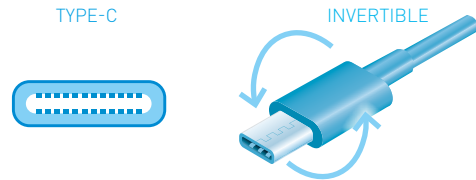
## HIGHER RECHARGING SPEED

Do you need to recharge several phones, or do you wish to reduce charging times? Up to 3,000 mA in the 2-module versions.



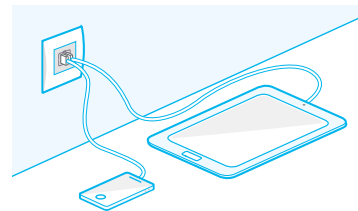
## LOOKING AT THE FUTURE

Also available with the new C Type connection standard, which is becoming more and more in use with the new tablets and smartphones.



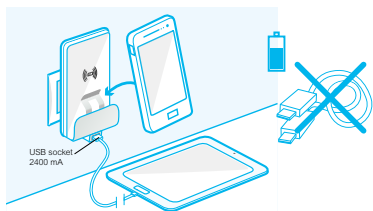
## FLEXIBILITY OF USE

From the private home to the office, from the hotel to common areas BTicino USB chargers satisfy modern charging needs for every device.



## SUITABLE

For all rooms thanks to their small size. Recommended in the bedroom or kitchen. For the quick charge of smartphones and tablets. Allows you to free up sockets.



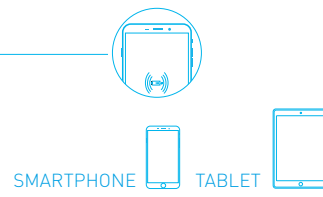
## RECOMMENDED

on the kitchen worktop, in the living room, hotel ... Thanks to the support and induction charge.



## INDUCTION SMARTPHONES

For wireless induction charging of devices fitted with suitable receivers. Also has a USB 3,000 mA socket



# The light needed at the right time

The LED lighting devices contribute to the comfort and security of the home, helping to create comfortable surroundings.



**SWIVEL 360° LAMP**

Can be turned by 360 degrees. Particularly suitable for lighting work surfaces (e.g. hob, writing desk, etc.). Like a normal lamp, it can be controlled using standard controls.



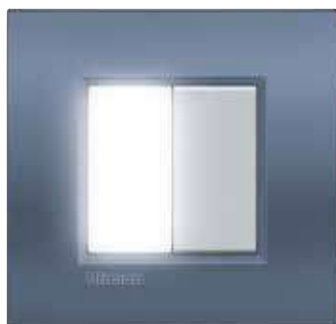
**DIRECTIONAL LAMP**

Ideal for places where people walk such as staircases and corridors. It guarantees correct lighting at night



**DIMMER READING LAMP**

Flexible stem. Possibility to direct the lamp light beam. Adjustment of the LED brightness.



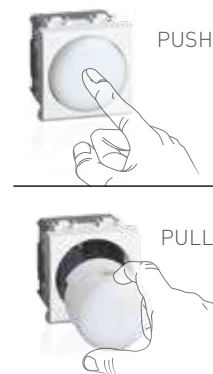
**1 MODULE SAFETY LAMP**

Minimum space. Activation: in case of black-out It guarantees ample lighting for 2 hours.



**NEW REMOVABLE TORCH**

Push&pull extraction system. High light intensity. Activation in case of black-out.



# MyHOME\_Up

## Home automation evolution

### ADVANCED ELECTRICAL SYSTEMS

MyHOME\_Up is the high technology BTicino home automation system for the more advanced electric systems in terms of comfort, safety, energy savings, audio/video communication and local or remote control.

The heart of the system is MyHOMEServer1, a connected server that provides integration of all the system functions that can be managed through the specific MyHOME\_Up App.



MyHOMEServer1

### LOCAL AND REMOTE CONTROL

Local or remote management using the MyHOME\_Up application for iOS and Android smartphones and tablets.



App MyHOME\_Up





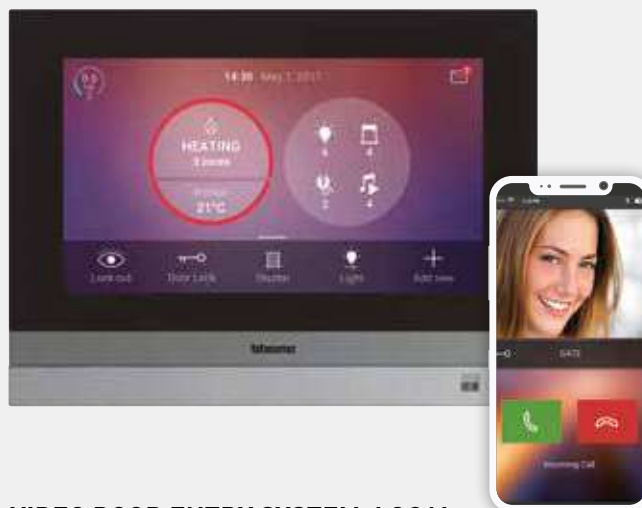
**ENERGY MANAGEMENT**

Temperature control  
Load management  
Consumption display



**COMFORT**

Light automation  
Automatic devices and shutter management  
Sound system Nuvo



**VIDEO DOOR ENTRY SYSTEM, LOCAL CONTROL AND INTEGRATION**

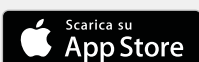
Lighting;  
Shutter automation;  
Temperature control;  
Nuvo multi-room sound system;  
Scenarios;  
Video door entry system;



Integration with NETATMO cameras

New HOMETOUCH Touch Screen for the management of the MyHOME\_Up system through a simple and intuitive graphic interface. HOMETOUCH integrates the BTicino video door entry system and can also be used as connected internal unit. It can also be integrated with Netatmo indoor and outdoor cameras. All the home automation and video door entry functions can be managed both locally and remotely, using a Smartphone with the MyHOME\_Up and Door Entry for HOMETOUCH Apps installed.

HOME Alarm, MyHOME\_Up and Door Entry for HOMETOUCH



# MyHOME\_Up

## MyHOME\_Up app: home automation for all

Just one APP to associate the devices easily and to control and customise the functions of the MyHOME\_Up home-automation system.

### **SIMPLE TO USE**

The App make it possible to activate the preferred controls and to create customised scenarios to adapt the home system to the needs of the user.

### **SIMPLE TO INSTALL**

The App simplifies all the activities for putting the MyHOME\_Up system in operation thanks to the self-learning and device association procedure.

### **ALL THE FUNCTIONS THAT YOU NEED**

MyHOME\_Up is conceived for the native management of several home automation functions, also without Internet connection:

- Zone temperature control
- Energy Management
- Light and automation management
- NUVO multiroom sound system
- Scenarios
- Integration between devices and other brand systems.



## An open system

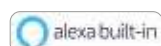
Thanks to the use of specific interfaces, the MyHOME\_Up system can easily be integrated with other BTicino systems, such as the NUVO digital audio system, and with third-party systems (air conditioning systems, Philips Hue lamps, etc...).





# Voice controls

Control the MyHOME\_Up functions with your voice, with the Google and Amazon assistants.



«Alexa, close the kitchen shutter»

«OK Google, dinner scenario»

VOICE CONTROL. Innovative device without cover plate with integrated Amazon Alexa voice assistant for flush mounted installation. Ideal for installing in each room of the home a voice control for the management of MyHOME\_Up.

Thanks to the integration of MyHOME\_Up with the Google Home and Amazon Alexa voice assistants you can now control the lights and controlled sockets and, using the scenarios, the shutters, ideal temperature and the music played by the NUVO system using your voice as well. An important functionality which improves the comfort and usability of MyHOME\_Up, especially by old people or long-stay patients who cannot interact with the manual controls.



GOOGLE AND AMAZON VOICE ASSISTANTS



As well as asking for information on the news, weather, times etc. you will be able to interact with the MyHOME\_Up system by using voice controls of the following type:

- «Ok Google, switch off all the lights»
- «Alexa, raise the living room shutters»
- «Alexa, welcome me home».



### MANAGEMENT OF THE ROOMS AND THE COMMON AREAS

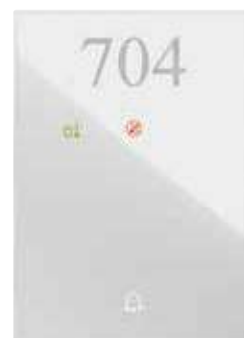
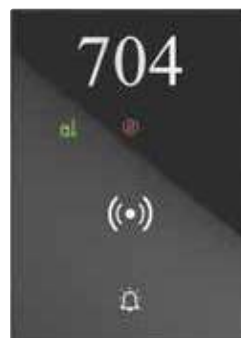
Using the management software it is possible to supervise and control in real time the status of the rooms, and interact with them.



# Solutions for Hotel

The MyHOME\_Up technology offers specific solutions capable of meeting the needs of customers as far as: available services, comfort, simplicity of interaction with products and functions. A complete offer for a state of the art electric system also inside the hotel room.

### PREMIUM OFFER



OUTSIDE THE DOOR INDICATOR + KEY CARD READER  
DND (do not disturb)  
MUR (make up the room)



**LED LAMP**  
with "do not disturb - make up room" notification diffuser; bell and badge reader



"DO NOT DISTURB - MAKE UP ROOM" notification pushbutton



**BADGE HOLDER**  
for room power connection (power on)

**THE CORRECT ATMOSPHERE, WITH JUST ONE MOVEMENT**



**DIMMER READING LAMP**

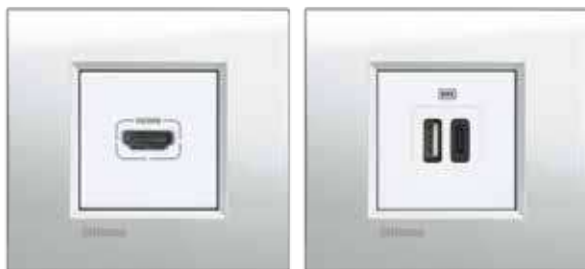


**DIGITAL THERMOSTAT**  
MYHOME\_UP



**MYHOME\_UP 8-KEY CONTROL (CUSTOMISABLE)**

**CONNECTION, ENTERTAINMENT AND MULTIMEDIA FEATURES**



**HDMI AND USB CONNECTORS**  
for electronic devices such as dvd players, digital cameras and mp3 readers

**THE FUNCTION IS IMMEDIATELY RECOGNISABLE**



**PUSHBUTTONS**  
for blind opening regulation, bed head and bedside cabinet light level adjustment

**DIGITAL CONTROL OF THE TEMPERATURE**

**PREMIUM OFFER**



**DIGITAL TEMPERATURE PROBE**  
with display and touch controls

# Technology and flexibility in the office



All the network at hand's reach:  
from electric distribution to  
data and audio/video signal  
management structured  
cabling systems.

#### **MAXIMUM INTEGRATION**

LIVINGLIGHT can be installed in all the Interlink  
solutions: columns, work stations, protruding towers  
and pop-up underfloor boxes.

SINGLE-FACE  
COLUMN



**MEETING ALL CONNECTION REQUIREMENTS**

Full aesthetic coordination of LIVINGLIGHT with the different systems.

- BTNET, structured cabling system,
- Audio/video signals and data distribution.



AUDIO AND VIDEO CONNECTORS



NEW RJ45 TOOLLESS CONNECTORS

**POP-UP UNDERFLOOR BOXES**



UNDERFLOOR BOX



PROTRUDING TOWER



ALUMINIUM

WHITE

BLACK

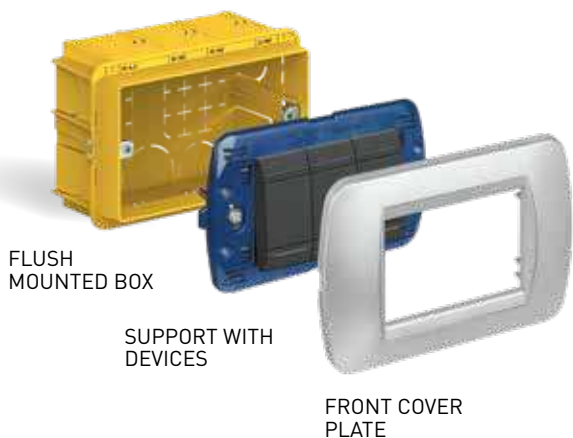
STEEL

BRASS



WORKSTATION

FLUSH-MOUNTED IN MASONRY WALLS

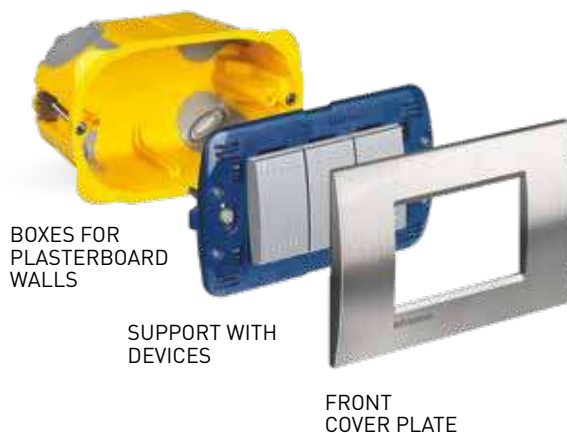


FLUSH MOUNTED BOX

SUPPORT WITH DEVICES

FRONT COVER PLATE

FLUSH-MOUNTED IN PLASTERBOARD WALLS



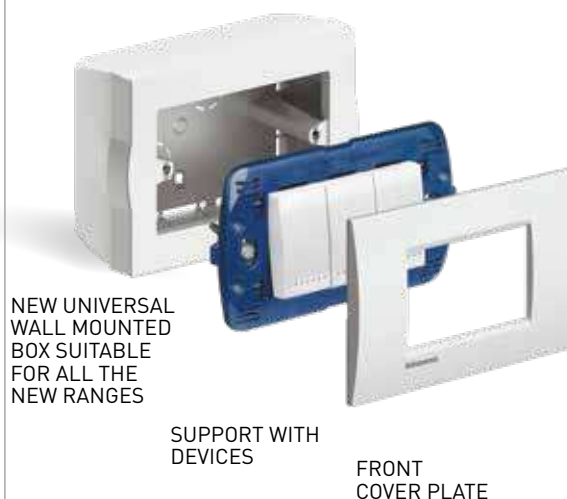
BOXES FOR PLASTERBOARD WALLS

SUPPORT WITH DEVICES

FRONT COVER PLATE

# Livinglight installation solutions

WALL MOUNTED



NEW UNIVERSAL WALL MOUNTED BOX SUITABLE FOR ALL THE NEW RANGES

SUPPORT WITH DEVICES

FRONT COVER PLATE

IN IP40 - IP44 - IP55 PROTECTION HOUSINGS



IP40 INDOOR HOUSING



IP55 OUTDOOR HOUSING



IP55 PROTECTED COVER



FLUSH MOUNTED BOX



IP44 PROTECTION HOUSING

COMPLETE LIGHT POINT (support, devices, cover plate)

**ON RAILS**



BOX

SUPPORT WITH DEVICES

FRONT COVER PLATE



BOX

SUPPORT WITH DEVICES

FRONT COVER PLATE

**OTHER INSTALLATION SOLUTIONS**



WORKSTATION TRUNKING



PROTRUDING DOUBLE-FACE FLOOR TOWER



INTERLINK WALL MOUNTED CONTROL UNIT



EQUIPPED INTERLINK TRUNKING



TABLE-TOP DEVICE HOLDERS



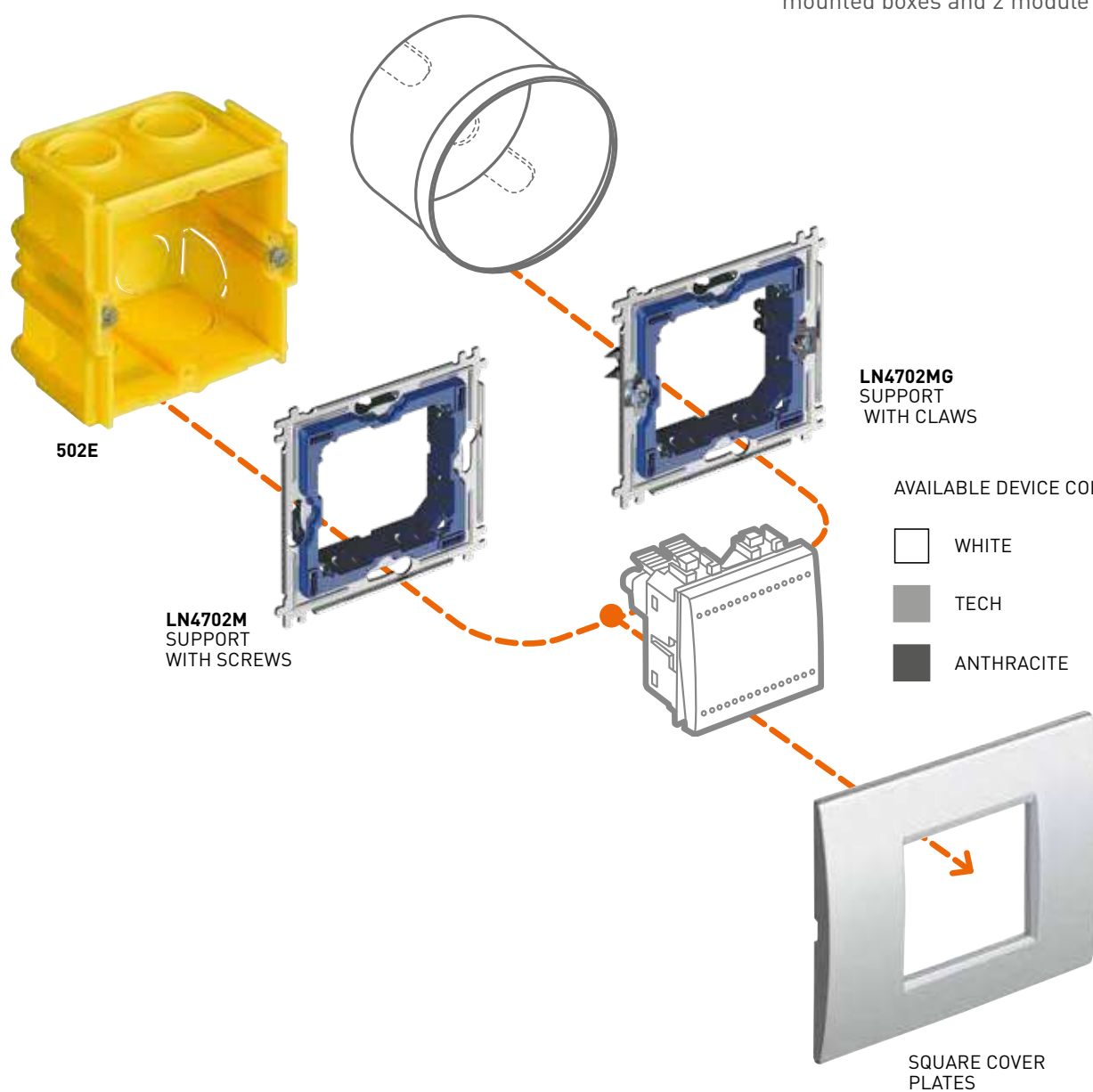
SINGLE-FACE AND DOUBLE-FACE COLUMNS

# SQUARE INSTALLATION: 2 MODULE AREA SYSTEM

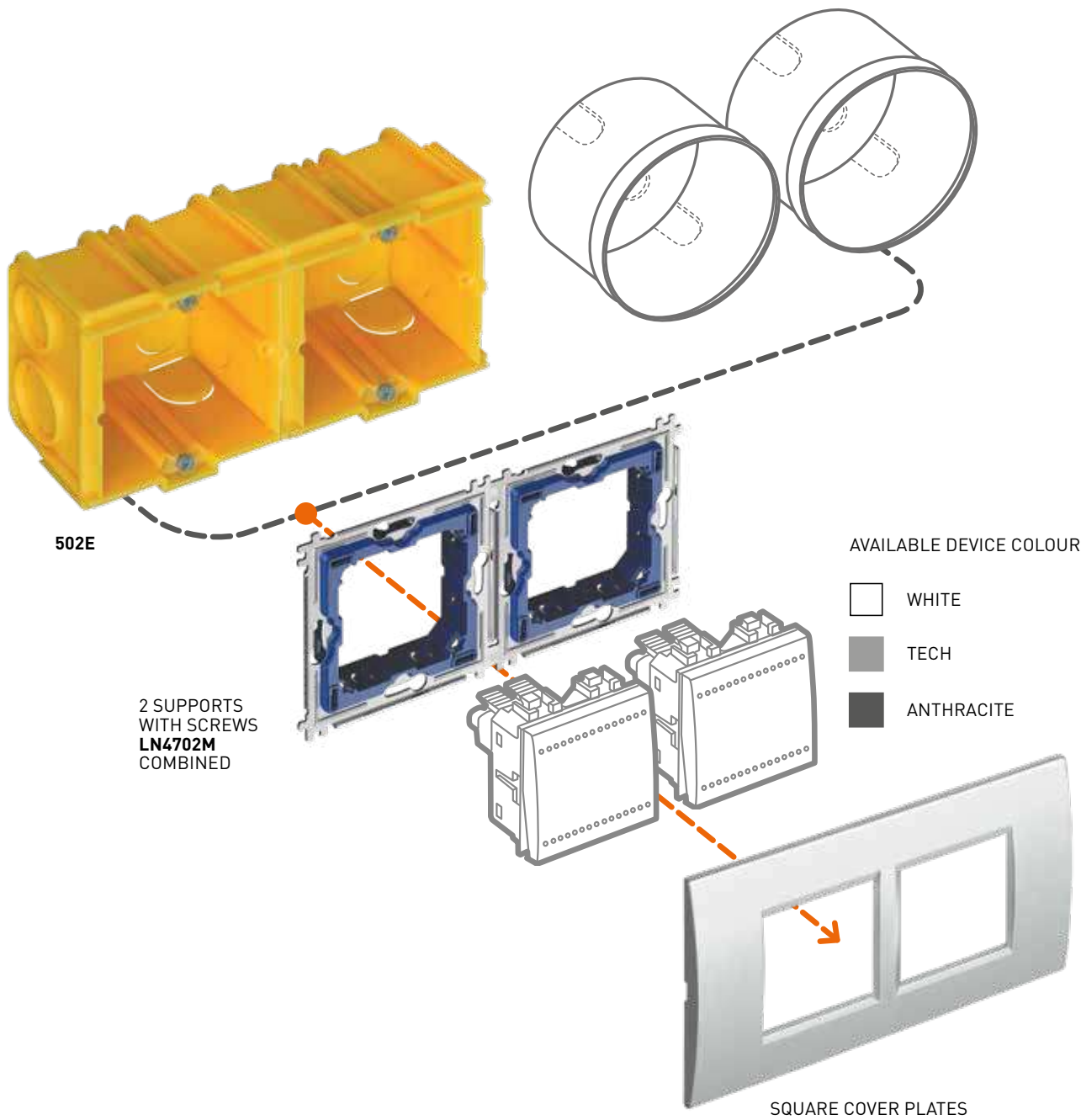
Standard flush mounted boxes

## Livinglight

can be installed using normal flush mounted boxes and 2 module supports.







# AIR INSTALLATION: 2 MODULE AREA SYSTEM

**502E**  
BOX WITH SCREWS  
FOR MASONRY  
WALLS






**PB502N**  
PLASTERBOARD  
BOX

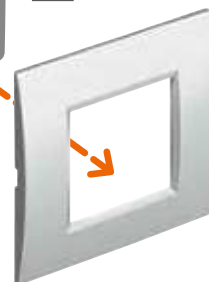
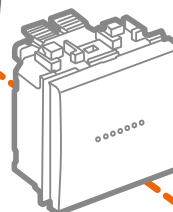


**LN4702E**  
SPECIFIC SUPPORT FOR AIR  
2 MODULE AREA INSTALLATION

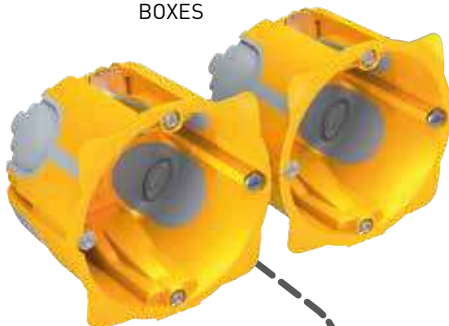


AVAILABLE DEVICE COLOURS

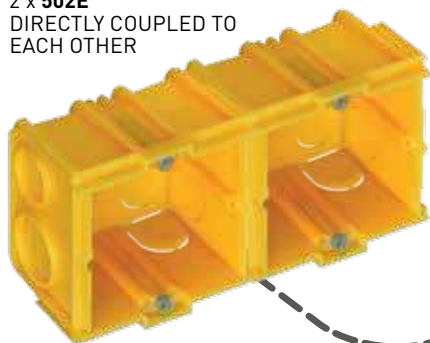
-  WHITE
-  TECH
-  ANTHRACITE



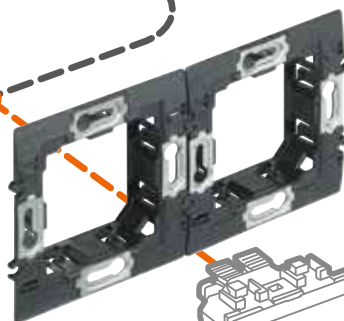
2 x **PB502**  
PLASTERBOARD  
BOXES






2 x **502E**  
DIRECTLY COUPLED TO  
EACH OTHER

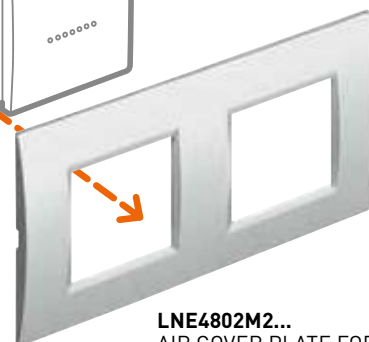
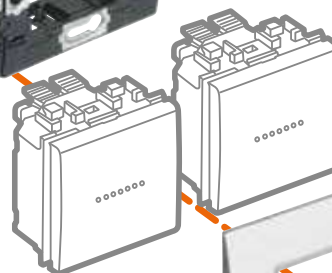


2 x **LN4702E**  
DIRECTLY COUPLED TO  
EACH OTHER



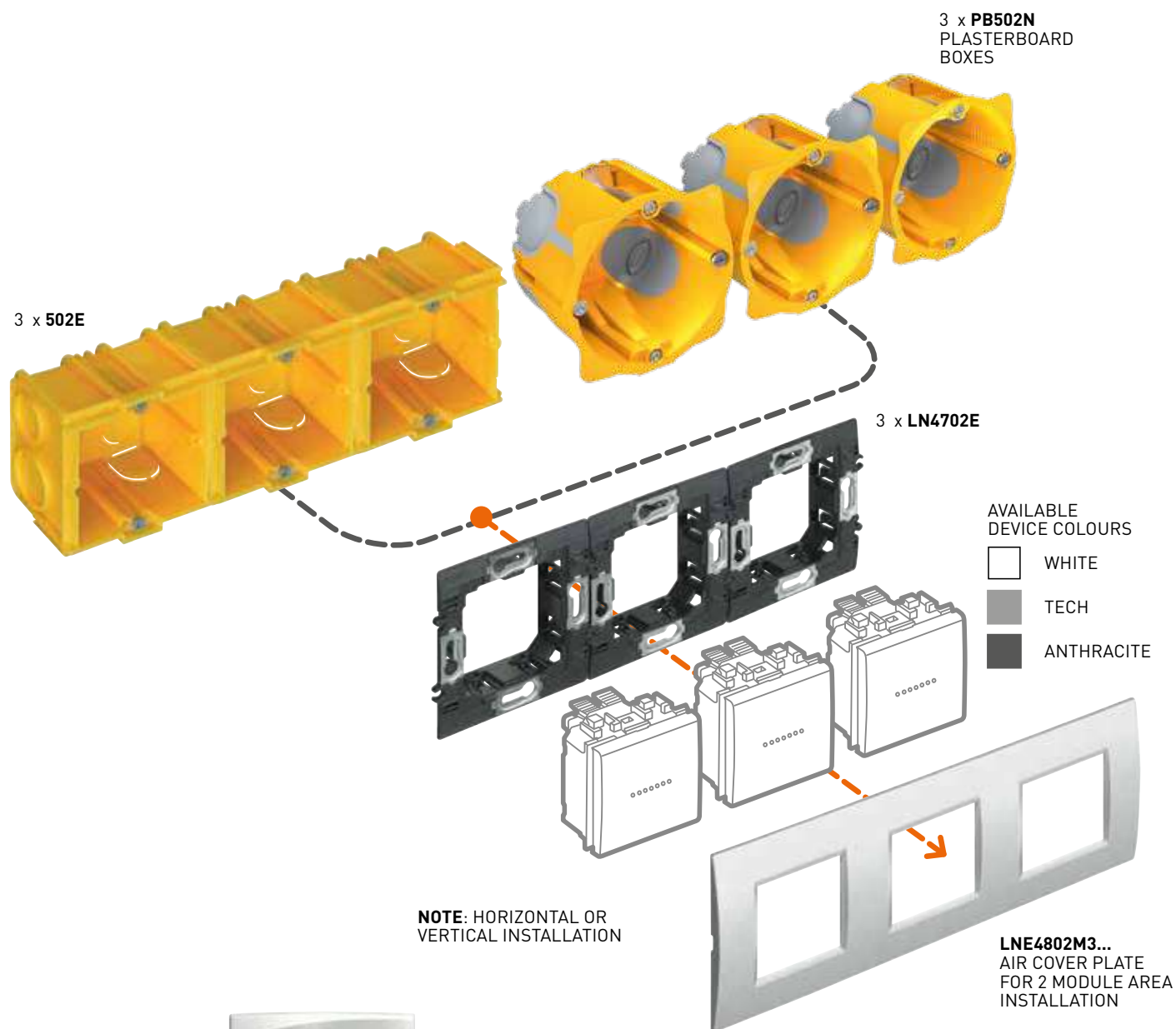
AVAILABLE  
DEVICE COLOURS

-  WHITE
-  TECH
-  ANTHRACITE



**NOTE:** HORIZONTAL OR  
VERTICAL INSTALLATION

**LNE4802M2...**  
AIR COVER PLATE FOR  
2 MODULE AREA INSTALLATION



**Livinglight AIR** features reduced protrusion from the wall of the device/cover plate.

- 2 module installation: on BTicino boxes 502E and PB502N. Complete the installation with specific supports and cover plates.

**Suggestions:**

- new systems: considering the back position of the mechanisms inside the boxes, for masonry walls the use of box extensions is recommended, for better comfort and wiring





## SMART ELECTRICAL SYSTEM

### The offer advantages

A refined combination of shapes, colors, materials and surfaces to satisfy every type of aesthetic taste: from minimal to sophisticated.

#### FROM TRADITIONAL TO CONNECTED IN A FEW STEPS

Does your customer want a Smart system?

From today with LivingLight with Netatmo it is possible without redoing the wiring, with the only replacement of a few traditional devices with those connected.










# CATALOGUE

# SMART ELECTRICAL SYSTEM - MODULAR VERSION

## Controls for light and shutter



| Item  | CONNECTED DEVICES FOR LIGHT   |
|---|---|
| <input type="checkbox"/> <b>N4003C</b><br><input type="checkbox"/> <b>NT4003C</b><br><input type="checkbox"/> <b>L4003C</b> |  <p>connected 2-ways switch. It allows to control lights locally or remotely. The connected 2ways switch has the same installation and usability of a traditional 2ways switch and it is compatible with all loads with max pover 250 W. It s equiped with a blue LED light used always on for localization modality or on, when the light is on for the load status modality. It can be associated with "wireless light switches".<br/>Caution: Must be connected to the neutral.<br/>Power supply 110-230 Va.c. - 1 module</p>   |
| <input type="checkbox"/> <b>N4411C</b><br><input type="checkbox"/> <b>NT4411C</b><br><input type="checkbox"/> <b>L4411C</b> |  <p>dimmer/switch. It allows to control lights locally or remotely, with the dimmer functionality that can be activated from APP Home+Control. 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 s equiped with a blue LED light used for localization 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 Va.c. - 1 module</p> |
| ○ <b>3584C</b>  |  <p>connected lighting micromodule. It allows to control lights locally or remotely.<br/>It is compatible with all loads with max pover 300 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.<br/>Caution: Must be connected to the neutral.<br/>Power supply 110-230 Va.c.</p>   |
| ○ <b>FC80RC</b>   |  <p>DIN switchboard light device for loads with absorption <math>I_n = 16</math> A. Equipped with a meter measuring the current absorbed by the load and contacts for control with up to 10 pushbuttons.<br/>Power supply 110-230 Va.c. - 1 DIN module.</p>  |

| Item  | CONNECTED DEVICES FOR SHUTTERS  |
|---|---|
| <input type="checkbox"/> <b>N4027C</b><br><input type="checkbox"/> <b>NT4027C</b><br><input type="checkbox"/> <b>L4027C</b>       |  <p>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.<br/>Caution: Must be connected to the neutral.<br/>Power supply 110-230 Va.c.<br/>- 1 module</p>                  |
| <input type="checkbox"/> <b>N4027CIL</b><br><input type="checkbox"/> <b>NT4027CIL</b><br><input type="checkbox"/> <b>L4027CIL</b> |  <p>As above<br/>- interlocked modality</p>  |
| ○ <b>4027C</b>  |  <p>connected micromodule for shutters.<br/>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).<br/>Not compatible with radio controlled or pulse controlled shutter motors.<br/>It can be installed in the existing shutter box with no need of masonry works.<br/>Power supply 110-230 Va.c.</p> |

## Controls for energy management and light



| Item  | CONNECTED DEVICES FOR ENERGY MANAGEMENT |   |
|---|---|---|
| <input type="checkbox"/> N4531C<br><input type="checkbox"/> NT4531C<br><input checked="" type="checkbox"/> L4531C |   | <p>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 equipped 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 Va.c. - 1 module</p> |
| <input type="radio"/> FC80CC  |   | <p>connected contactor for single-phase and/or three-phase loads with maximum absorption <math>I_n = 20</math> A.<br/>With meter for the measurement of the current absorbed by the load. Power supply 110-230 Va.c. - 1 DIN module</p>   |
| <input type="radio"/> F20T60A   |   | <p>Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous, daily, monthly) and of the single electrical power lines. It allows the reception of notifications in case of reaching the maximum power foreseen by the contract to avoid annoying black-outs. A toroid is supplied to measure the input current. Power supply 100-240 Va.c. - 1 DIN module. (Only for single-phase systems).</p>  |
| <input type="radio"/> FC80GCS   |   | <p>connected DIN load management module for the monitoring of the consumptions of the whole electric system, the powering or disconnection of the loads, and the setting of scenarios with priority or non-priority loads.<br/>When the maximum intended power is reached, the non-priority loads are temporarily disconnected to avoid black-outs. A toroid for the current reading is provided<br/>Power supply 110-230 Va.c. - 1 DIN module</p>  |

| Item                         | CONNECTED PLUG&PLAY SOCKET  |  |
|------------------------------|-----------------------------|--|
|                              |                             | <p>Directly connected to an existing socket, it allows remote control of all the connected electrical appliances.<br/>It also monitors the instantaneous, daily and monthly consumption.<br/>Compatible with all the devices with power up to 16 A 3680 W (with overload protection).<br/>It can be associated to wireless light controls.<br/>Power supply 110-230 V Va.c.</p>  |
| <input type="radio"/> 4141PC |                             | Shuko standard socket  |
| <input type="radio"/> 4142PC |                             | French / Belgian standard socket   |
| Item                         | WIRELESS CONTROLS FOR LIGHT |  |
| <input type="radio"/> 3585C  |                             | <p>it controls one or more devices connected for light control.<br/>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.<br/>Test possible with a 5 sec. delay.<br/>Recommended assembly height: 2.5 m.<br/>Optimum distance between 2 detectors: 6 m.<br/>For indoor and outdoor use (IP44). Supplied with 2 1.5V AA batteries for power supply.</p> |

# SMART ELECTRICAL SYSTEM - MODULAR VERSION

## Wireless controls for light, shutter and scenario



| Item   | Image | DESCRIPTION   |
|--|-------|---|
| <input type="radio"/> LN4003CWI (*)  |       | <b>WIRELESS CONTROLS FOR LIGHT</b><br>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 |
| <input type="checkbox"/> N4003CW<br><input type="checkbox"/> NT4003CW<br><input type="checkbox"/> L4003CW    |       | wireless controls for light, as above. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. - 2 modules.  |
| <input type="checkbox"/> N4003DCW<br><input type="checkbox"/> NT4003DCW<br><input type="checkbox"/> L4003DCW |       | 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                                       |
| <input type="radio"/> 3577C  |       | Wireless module for mechanical switch. It allows to change a two-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)   |

| Item  | Image | DESCRIPTION   |
|---|-------|---|
| <input type="radio"/> LN4027CWI (*)   |       | <b>WIRELESS CONTROLS FOR SHUTTER</b><br>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 |
| <input type="checkbox"/> N4027CW<br><input type="checkbox"/> NT4027CW<br><input type="checkbox"/> L4027CW |       | 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   |

| Item  | Image | DESCRIPTION  |
|---|-------|--|
| <input type="checkbox"/> N4575CW<br><input type="checkbox"/> NT4575CW<br><input type="checkbox"/> L4575CW |       | <b>WIRELESS 4 SCENARIOS CONTROL</b><br>it's equipped with 4 buttons for activating of scenarios 1,2,3 and 4. Scenarios can be customized 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. |

| Item  | Image | DESCRIPTION  |
|---|-------|--|
| <input type="radio"/> LN4570CWI (*)   |       | <b>WIRELESS HOME/AWAY SCENARIO CONTROLS</b><br>Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios Scenarios can be customized 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 |
| <input type="checkbox"/> N4570CW<br><input type="checkbox"/> NT4570CW<br><input type="checkbox"/> L4570CW |       | Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios Scenarios can be customized 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  |

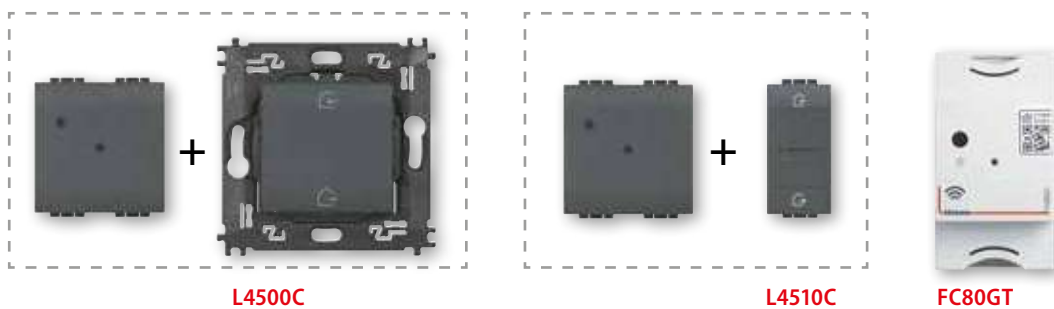
| Item  | Image | DESCRIPTION  |
|---|-------|--|
| <input type="radio"/> LN4574CWI (*)   |       | <b>WIRELESS WAKE UP/SLEEP SCENARIO CONTROLS</b><br>It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customized by the Home + Control app. It can be installed in 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 |
| <input type="checkbox"/> N4574CW<br><input type="checkbox"/> NT4574CW<br><input type="checkbox"/> L4574CW |       | It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customized 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  |

(\*) Mechanism provided with front covers in white, tech and anthracite color finishes

Note: for the use of connected devices, the gateway must be installed in the system.



## Gateway



| Item   |  | <b>GATEWAY</b>   |
|--|--|--|
| <input type="checkbox"/> <b>N4500C</b><br><input type="checkbox"/> <b>NT4500C</b><br><input checked="" type="checkbox"/> <b>L4500C</b> |  | <p>Gateway. This pack enables to create a connected installation in the home.</p> <p>It can be used to control lighting, roller shutters and electrical equipment plugged into connected sockets:</p> <ul style="list-style-type: none"> <li>- using your smartphone and the Home + Control app</li> <li>- using voice assistants</li> <li>- from the general control at the entrance to your home</li> </ul> <p>Supplied with the Home/Away wireless master switch required for the association procedure of all connected devices.</p> <p>Power supply 110-230 Va.c. - 2 modules</p> |
| <input type="checkbox"/> <b>N4510C</b><br><input type="checkbox"/> <b>NT4510C</b><br><input checked="" type="checkbox"/> <b>L4510C</b> |  | <p>Gateway as above. Supplied with the flush-mounted Home/Away wireless master switch 1 module required for the association procedure of all connected devices.</p> <p>Power supply 110-230 Va.c. - 2 modules</p>  |

| Item   |  | <b>GATEWAY DIN</b>  |
|--|--|---|
| <input checked="" type="radio"/> <b>FC80GT</b> |  | <p>The device enables to create a connected installation in the home and 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. Power supply 110-230 Va.c. - 2 modules.</p> |

# SMART ELECTRICAL SYSTEM - EUROPE VERSION

## Wired controls for light and shutter











| Item  | Image | CONNECTED DEVICES FOR LIGHT  |
|---|-------|--|
| <input type="checkbox"/> <b>N4411CM2</b><br><input checked="" type="checkbox"/> <b>NT4411CM2</b><br><input checked="" type="checkbox"/> <b>L4411CM2</b> |       | <p>dimmer/switch without neutral. It allows to control lights locally or remotely, with the dimmer functionality that can be activated from APP Home+Control.</p> <p>It has the same installation and usability of a traditional switch and it is compatible with all loads (LED, halogen) with power 5-300 W at 230 V. It is equipped with a blue LED light used for localization modality or load status modality, configurable by APP. It can be connected associated with "wireless light switches".</p> <p>It doesn't require connection to the neutral, it comes with an active compensator.</p> <p>Power supply 110-230 Va.c. - 2 modules</p> |
| <input checked="" type="checkbox"/> <b>3584C</b>  |       | <p>connected lighting micromodule. It allows to control lights locally or remotely.</p> <p>It is compatible with all loads with max power 300 W. It can be connected to one or more traditional push-button or associated with "wireless light switches". It is installed as a traditional relay in the box (behind the button) or in derivation boxes.</p> <p>Caution: Must be connected to the neutral.</p> <p>Power supply 110-230 Va.c.</p>  |
| <input checked="" type="checkbox"/> <b>FC80RC</b>   |       | <p>DIN switchboard light device for loads with absorption <math>I_n = 16</math> A. Equipped with a meter measuring the current absorbed by the load and contacts for control with up to 10 pushbuttons.</p> <p>Power supply 110-230 Va.c. - 1 DIN module.</p>  |

| Item  | Image | CONNECTED DEVICES FOR SHUTTERS   |
|---|-------|--|
| <input type="checkbox"/> <b>N4027CM2</b><br><input checked="" type="checkbox"/> <b>NT4027CM2</b><br><input checked="" type="checkbox"/> <b>L4027CM2</b> |       | <p>connected rolling shutter switch - It allows the control of a shutter locally or remotely.</p> <p>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.</p> <p>Caution: Must be connected to the neutral.</p> <p>Power supply 110-230 Va.c. - 2 modules</p>                     |
| <input checked="" type="checkbox"/> <b>4027C</b>  |       | <p>connected micromodule for shutters.</p> <p>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).</p> <p>Not compatible with radio controlled or pulse controlled shutter motors.</p> <p>It can be installed in the existing shutter box with no need of masonry works.</p> <p>Power supply 110-230 Va.c.</p> |

## Wired controls for energy management and light



| Item      | CONNECTED MODULE FOR ENERGY MANAGEMENT   | CONNECTED SOCKETS  |
|-----------|--|--|
| ○ FC80CC  |  <p>connected contactor for single-phase and/or three-phase loads with maximum absorption <math>I_n = 20</math> A.<br/>With meter for the measurement of the current absorbed by the load.<br/>Power supply 110-230 Va.c. - 1 DIN module</p>  |  <p>2P+E 16 A 250 Va.c. German standard connected socket. It allows remote control of electric devices and also to monitor their consumption (instantaneous, daily, monthly).<br/>It is also possible to receive notifications that can be configured. Compatible with all the electric devices with power up to 16 A 3680W (with overload protection).<br/>Integrated with a 2-module support, it can be installed instead of an existing socket in a 40 mm deep box.<br/>Screw fixing and connection using automatic clamps. 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.<br/>It can be associated to one or more wireless light controls. Power supply 110-230 Va.c.</p> |
| ○ F20T60A |  <p>Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous, daily, monthly) and of the single electrical power lines. It allows the reception of notifications in case of reaching the maximum power foreseen by the contract to avoid annoying black-outs. A toroid is supplied to measure the input current. Power supply 100-240 Va.c. - 1 DIN module. (Only for single-phase systems).</p> | <p>As above</p>  |
| ○ FC80GCS |  <p>connected DIN load management module for the monitoring of the consumptions of the whole electric system, the powering or disconnection of the loads, and the setting of scenarios with priority or non-priority loads.<br/>When the maximum intended power is reached, the non-priority loads are temporarily disconnected to avoid black-outs. A toroid for the current reading is provided.<br/>Power supply 110-230 Va.c. - 1 DIN module</p>                        |  <p>As above<br/>French/belgian standard socket</p>  |
|           | <p><b>CONNECTED PLUG&amp;PLAY SOCKETS</b></p> <p>Directly connected to an existing socket, it allows remote control of all the connected electrical appliances.<br/>It also monitors the instantaneous, daily and monthly consumption.<br/>Compatible with all the devices with power up to 16 A 3680 W (with overload protection).<br/>It can be associated to wireless light controls.<br/>Power supply 110-230 V Va.c.</p>  | <p><b>WIRELESS CONTROLS FOR LIGHT</b></p>  |
| ○ 4141PC  |  <p>Shuko standard socket</p>   | <p>○ 3585C</p>  <p>it controls one or more devices connected for light control.<br/>Infrared detection with angle of 140°. Distance of the adjustable sensor from 2 to 8 m.<br/>Switch off delay with 1 to 30 min adjustable delay time and 1 to 1000 lux brightness threshold.<br/>Test possible with a 5 sec. delay.<br/>Recommended assembly height: 2.5 m.<br/>Optimum distance between 2 detectors: 6 m.<br/>For indoor and outdoor use (IP44). Supplied with 2 1.5V AA batteries for power supply.</p>  |
| ○ 4142PC  |  <p>French / Belgian standard socket</p>  |  |

# SMART ELECTRICAL SYSTEM - EUROPE VERSION

## Wireless controls for light, shutter and scenario



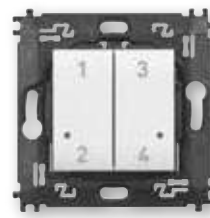
L4003CW



L4003DCW



L4027CW



N4575CW



N4570CW

| Item  | Image | WIRELESS CONTROLS FOR LIGHT  |
|---|-------|--|
| <input type="checkbox"/> N4003CW<br><input type="checkbox"/> NT4003CW<br><input checked="" type="checkbox"/> L4003CW    |       | 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.<br>Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years.<br>Surface installation with repositionable stickers (supplied) or onto a flush mounting box.<br>- 2 modules. |
| <input type="checkbox"/> N4003DCW<br><input type="checkbox"/> NT4003DCW<br><input checked="" type="checkbox"/> L4003DCW |       | 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.<br>Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication.<br>Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years<br>- 2 modules   |

| Item   | Image | WIRELESS HOME/AWAY SCENARIO CONTROLS  |
|--|-------|---|
| <input type="checkbox"/> N4570CW<br><input type="checkbox"/> NT4570CW<br><input checked="" type="checkbox"/> L4570CW |       | Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios. Scenarios can be customized by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box.<br>Integrated LED for low battery indication.<br>Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years<br>- 2 modules |

| Item   | Image | WIRELESS WAKE UP/SLEEP SCENARIO CONTROLS   |
|--|-------|--|
| <input type="checkbox"/> N4574CW<br><input type="checkbox"/> NT4574CW<br><input checked="" type="checkbox"/> L4574CW |       | It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customized by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box.<br>Integrated LED for low battery indication.<br>Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years<br>- 2 modules |

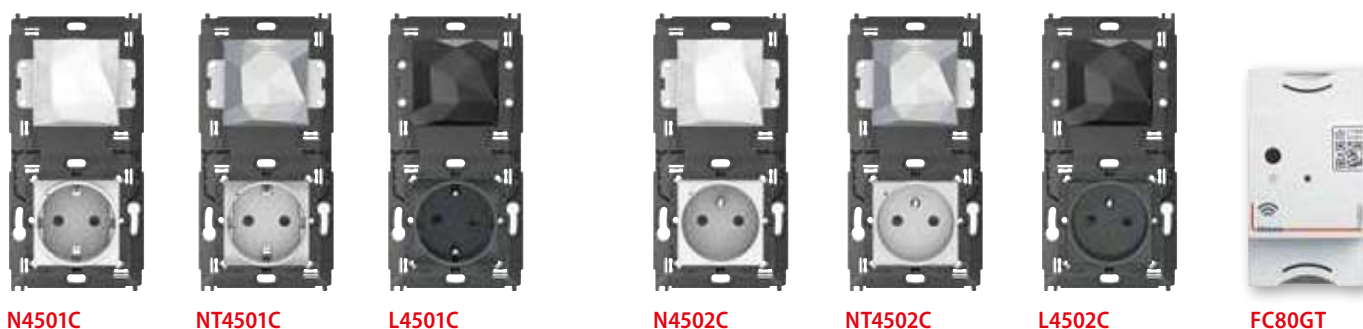
| Item   | Image | WIRELESS CONTROLS FOR SHUTTER  |
|--|-------|--|
| <input type="checkbox"/> N4027CW<br><input type="checkbox"/> NT4027CW<br><input checked="" type="checkbox"/> L4027CW |       | rolling shutter wireless switch - It allows the control of one or more connected rolling shutter switches. Surface installation with repositionable stickers (supplied) or onto a flush mounting box.<br>Integrated LED for low battery indication.<br>Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years<br>- 2 modules |

| Item   | Image | WIRELESS 4 SCENARIOS CONTROL   |
|--|-------|--|
| <input type="checkbox"/> N4575CW<br><input type="checkbox"/> NT4575CW<br><input checked="" type="checkbox"/> L4575CW |       | it's equipped with 4 buttons for activating of scenarios 1,2,3 and 4. Scenarios can be customized 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<br>- 2 modules. |

(\*) Mechanism provided with front covers in white, tech and and anthracite color finishes

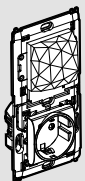
Note: for the use of connected devices, the gateway must be installed in the system.

## Gateway



Item

- N4501C
- NT4501C
- L4501C



**GATEWAY WITH SOCKET (GERMAN STANDARD)**

German standard socket.

The gateway creates 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
- from the general control at the home entrance.

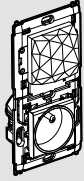
It integrates a 2P+E 16 A 250 Va.c. German standard connected socket for the remote control of electric devices and to monitor their consumption (instantaneous, daily, monthly). Compatible with all the electric devices with power up to 16 A 3680W (with overload protection). It can be installed instead of an existing socket in a 40 mm deep box. Screw fixing and connection using automatic clamps

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. It can be associated to one or more wireless light controls. It is also supplied with wireless master IN&OUT scenario control, required for the association of all connected devices.

Power supply 110-230 Va.c.

Item

- N4502C
- NT4502C
- L4502C



**GATEWAY WITH SOCKET (F/B STANDARD)**

French/belgian standard socket.

The gateway creates 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
- from the general control at the home entrance.

It integrates a 2P+E 16 A 250 Va.c. French/belgian standard connected socket for the remote control of electric devices and to monitor their consumption (instantaneous, daily, monthly). Compatible with all the electric devices with power up to 16 A 3680W (with overload protection). It can be installed instead of an existing socket in a 40 mm deep box. Screw fixing and connection using automatic clamps

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. It can be associated to one or more wireless light controls. It is also supplied with wireless master IN&OUT scenario control, required for the association of all connected devices.

Power supply 110-230 Va.c.

FC80GT



**GATEWAY DIN**

The device enables to create a connected installation in the home and 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.

Power supply 110-230 Va.c. - 2 modules.

# Smarter <sup>WITH</sup> Netatmo SMART ELECTRICAL SYSTEM

## Thermostat



XW8002  
XW8002W



XM8002



XG8002

### Item **CONNECTED THERMOSTAT**

- XW8002
- XG8002
- XM8002



The Smarter with Netatmo connected thermostat, together with the dedicated HOME+CONTROL APP, is a device which allows you to adjust and monitor the temperature in the rooms precisely and accurately; all the programming and most of the functions are performed simply and intuitively using the APP. Thanks to its Wi-Fi connection, Smarter with Netatmo can be programmed and controlled remotely; it can also display the temperature and humidity measured in the room. The temperature level can be set locally for manual operation and the Boost mode can be activated. The Boost forces the switching on of the system for a limited time (30, 60 or 90 minutes) independent of the measured and programmed temperature.

It's also possible to set a different temperature in each room of the house for the maximum comfort, thanks to its compatibility with Netatmo's smart radiator valves.

Smarter with Netatmo can also be controlled with Google, Amazon Alexa and Apple Home Kit voice assistants.

#### Features:

- 110 ÷ 230 Va.c., 50/60 Hz power supply;
- 2 W max absorption;
- maximum cable section 1 x 1.5mm<sup>2</sup>;
- temperature measurement 5 ÷ 40°C;
- temperature set-point 5 ÷ 40°C,
- increase of 0.5°C;
- 1-contact output in switching free of potential 5(2)A.

#### Types of installation:

- flush mounted, on boxes item 503E or 500 (for item 500 use the wall dowels)
- plasterboard, on boxes 2 module e 3 module

It is available in three colours: white (XW8002), sand (XM8002) and black (XG8002).

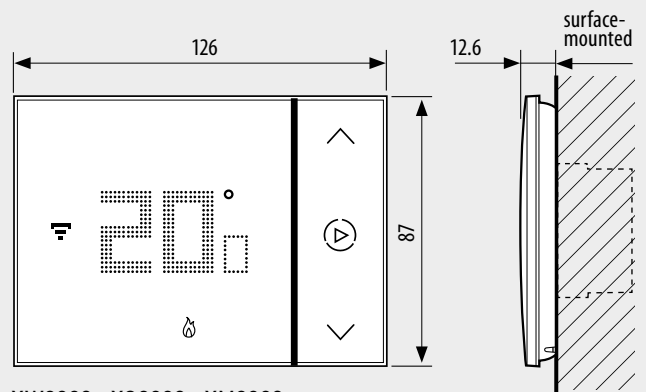
- XW8002W



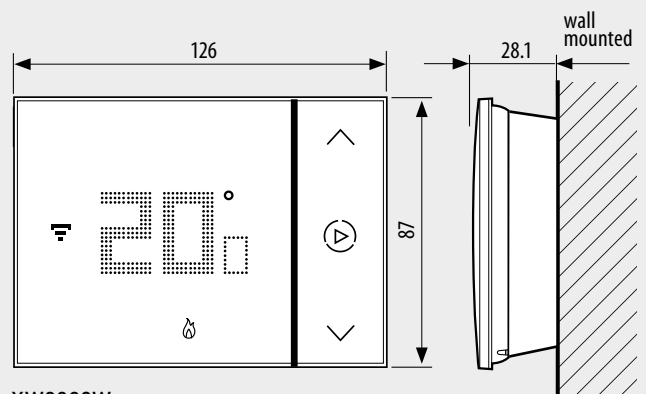
features: as ..8002.

Installation: on the wall, using screws and dowels suitable for the installation surface (brickwork, plasterboard, tiles etc.). It is only available in white.

### DIMENSIONAL DATA

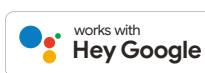


XW8002 - XG8002 - XM8002



XW8002W

**App HOME + CONTROL** for management of connected devices



**DESIGN  
AWARD  
2017**

Smarter, the connected thermostat, has been awarded this prestigious international recognition confirming BTicino's capacity in combining technology and design.



## TRADITIONAL ELECTRICAL SYSTEM AND SMART ELECTRICAL SYSTEM

A refined combination of shapes, colors, materials and surfaces to satisfy every type of aesthetic taste: from minimal to sophisticated.



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Basic control devices

#### ROCKER CONTROLS



N4001N N4001M2N



NT4001N NT4001M2N



L4001N L4001M2N L4001/O

| Description                          | DEVICES WITH AUTOMATIC TERMINAL |           | DEVICES WITH SCREW & PLATE TERMINAL |           |           |
|--------------------------------------|---------------------------------|-----------|-------------------------------------|-----------|-----------|
|                                      | 1 module                        | 2 modules | 1 module                            | 2 modules |           |
|                                      | Item                            | Item      | Item                                | Item      |           |
| 1 WAY SWITCH<br>1P 16 AX 250 Va.c.   | <input type="checkbox"/>        | N4001A    | N4001M2A                            | N4001N    | N4001M2N  |
|                                      | <input type="checkbox"/>        | NT4001A   | NT4001M2A                           | NT4001N   | NT4001M2N |
|                                      | <input type="checkbox"/>        | L4001A    | L4001M2A                            | L4001N    | L4001M2N  |
|                                      | <input type="checkbox"/>        | LN4001A   | -                                   | L4001/O   | -         |
| 2 WAY SWITCH<br>1P 16 AX 250 Va.c.   | <input type="checkbox"/>        | N4003A    | N4003M2A                            | N4003N    | N4003M2N  |
|                                      | <input type="checkbox"/>        | NT4003A   | NT4003M2A                           | NT4003N   | NT4003M2N |
|                                      | <input type="checkbox"/>        | L4003A    | L4003M2A                            | L4003N    | L4003M2N  |
|                                      | <input type="checkbox"/>        | LN4003A   | -                                   | L4003/O   | -         |
| 4 WAY SWITCH<br>1P 16 AX 250 Va.c.   | <input type="checkbox"/>        | -         | -                                   | N4004N    | N4004M2N  |
|                                      | <input type="checkbox"/>        | -         | -                                   | NT4004N   | NT4004M2N |
|                                      | <input type="checkbox"/>        | -         | -                                   | L4004N    | L4004M2N  |
|                                      | <input type="checkbox"/>        | -         | -                                   | LN4004    | -         |
| PUSHBUTTON<br>1P (NO) 10 A 250 Va.c. | <input type="checkbox"/>        | N4005A    | N4005M2A                            | N4005N    | N4005M2N  |
|                                      | <input type="checkbox"/>        | NT4005A   | NT4005M2A                           | NT4005N   | NT4005M2N |
|                                      | <input type="checkbox"/>        | L4005A    | L4005M2A                            | L4005N    | L4005M2N  |
|                                      | <input type="checkbox"/>        | LN4005A   | -                                   | L4005/O   | -         |

**Note:** neutral controls are supplied without key covers. They must be finished using the key covers listed in the following pages. The key covers of other controls may be replaced by those listed in the following pages.

#### AXIAL CONTROLS



N4051N N4051M2N



NT4051N NT4051M2N



L4051AN L4051M2AN

| Description                             | DEVICES WITH AUTOMATIC TERMINAL |           | SCREW & PLATE TERMINAL |           |           |
|---|---------------------------------|-----------|------------------------|-----------|-----------|
|   | 1 module                        | 2 modules | 1 module               | 2 modules |           |
|   | Item                            | Item      | Item                   | Item      |           |
| 1 WAY SWITCH<br>1P 10 AX 250 Va.c.      | <input type="checkbox"/>        | N4051AN   | N4051M2AN              | N4051N    | N4051M2N  |
|   | <input type="checkbox"/>        | NT4051AN  | NT4051M2AN             | NT4051N   | NT4051M2N |
|   | <input type="checkbox"/>        | L4051AN   | L4051M2AN              | L4051N    | L4051M2N  |
| 2 WAY 25 SWITCH<br>1P 10 AX 250 Va.c.   | <input type="checkbox"/>        | N4053AN   | N4053M2AN              | N4053N    | N4053M2N  |
|   | <input type="checkbox"/>        | NT4053AN  | NT4053M2AN             | NT4053N   | NT4053M2N |
|   | <input type="checkbox"/>        | L4053AN   | L4053M2AN              | L4053N    | L4053M2N  |
| 4 WAY SWITCH *<br>1P 16 AX 250 Va.c.    | <input type="checkbox"/>        | -         | -                      | N4054     | N4054M2   |
|   | <input type="checkbox"/>        | -         | -                      | NT4054    | NT4054M2  |
|   | <input type="checkbox"/>        | -         | -                      | L4054     | L4054M2   |
| PUSHBUTTON **<br>1P (NO) 10 A 250 Va.c. | <input type="checkbox"/>        | N4055AN   | N4055M2AN              | N4055N    | N4055M2N  |
|   | <input type="checkbox"/>        | NT4055AN  | NT4055M2AN             | NT4055N   | NT4055M2N |
|   | <input type="checkbox"/>        | L4055AN   | L4055M2AN              | L4055N    | L4055M2N  |

**Note:** The key covers of axial controls may be replaced by those listed in the following pages.

\* axial intermediate switch are fitted with screw and plate terminals

\*\* **Note:** for installation in the standard 3 module arrangement with AIR plate, in combination with the MH BASIC interface, the use of box extensions is recommended, as it will make wiring easier.



# Livinglight <sup>WITH</sup> Netatmo

## SMART ELECTRICAL SYSTEM

### Connected control devices



**L4003C**

Item

#### CONNECTED 2-WAY SWITCHES

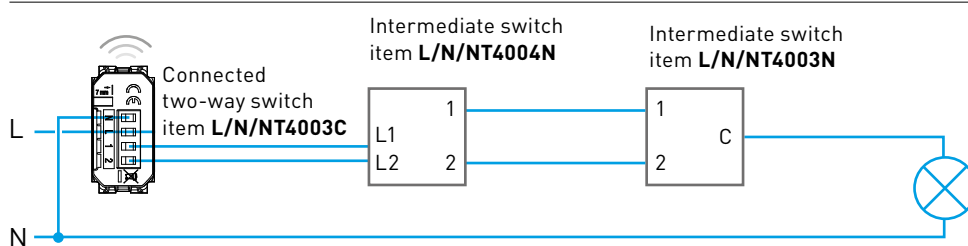
- N4003C**
- NT4003C**
- L4003C**



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 traditional 2ways switch and it is compatible with all loads with max pover 250 W. It s equiped with a blue LED light used always on for localization 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 Va.c. - 1 module

Three-point lighting control with connected two-way switch, item L/N/NT4003C, installed instead of a traditional two-way switch



Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG806T 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



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Key covers for rocker controls

#### 1 FUNCTION KEY COVERS



#### NEUTRAL LIGHTABLE KEY COVERS

|   |                          | 1 module | 2 modules | 3 modules |
|---|--------------------------|----------|-----------|-----------|
| Description                               |                          | Item     | Item      | Item      |
| NEUTRAL KEY COVER WITH LIGHTABLE DIFFUSER | <input type="checkbox"/> | N4915N   | N4915M2N  | N4915M3N  |
|   | <input type="checkbox"/> | NT4915N  | NT4915M2N | NT4915M3N |
|   | <input type="checkbox"/> | L4915N   | L4915M2N  | L4915M3N  |
| HIGH BRIGHTNESS COVER                     | <input type="checkbox"/> | N4915LN  | N4915M2LN | N4915M3LN |

**Note:** these key covers are suitable for installation on neutral control devices (supplied without key cover)



#### KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL

|  |                          | 1 module | 2 modules   |
|--|--------------------------|----------|-------------|
| Description                                |                          | Item     | Item        |
| KEY COVER WITH LIGHT SYMBOL                | <input type="checkbox"/> | N4915AN  | N4915M2AN   |
|  | <input type="checkbox"/> | NT4915AN | NT4915M2AN  |
|  | <input type="checkbox"/> | L4915AN  | L4915M2AN   |
| KEY COVER WITH STAIRCASE LIGHT SYMBOL      | <input type="checkbox"/> | N4915BN  | N4915M2BN   |
|  | <input type="checkbox"/> | NT4915BN | NT4915M2BN  |
|  | <input type="checkbox"/> | L4915BN  | L4915M2BN   |
| KEY COVER WITH BELL SYMBOL                 | <input type="checkbox"/> | N4915DN  | N4915M2DN   |
|  | <input type="checkbox"/> | NT4915DN | NT4915M2DN  |
|  | <input type="checkbox"/> | L4915DN  | L4915M2DN   |
| KEY COVER WITH KEY SYMBOL                  | <input type="checkbox"/> | N4915FN  | N4915M2FN   |
|  | <input type="checkbox"/> | NT4915FN | NT4915M2FN  |
|  | <input type="checkbox"/> | L4915FN  | L4915M2FN   |
| KEY COVER WITH DIMMER SYMBOL               | <input type="checkbox"/> |          | N4915M2ADN  |
|  | <input type="checkbox"/> |          | NT4915M2ADN |
|  | <input type="checkbox"/> |          | L4915M2ADN  |
| KEY COVER WITH "DO NOT DISTURB" SYMBOL     | <input type="checkbox"/> | N4915DD  | N4915M2DD   |
|  | <input type="checkbox"/> | NT4915DD | NT4915M2DD  |
|  | <input type="checkbox"/> | L4915DD  | L4915M2DD   |
| KEY COVER WITH "REARRANGE THE ROOM" SYMBOL | <input type="checkbox"/> | N4915MR  |             |
|  | <input type="checkbox"/> | NT4915MR |             |
|  | <input type="checkbox"/> | L4915MR  |             |
| KEY COVER WITH FAN SYMBOL                  | <input type="checkbox"/> | N4915RN  |             |
|  | <input type="checkbox"/> | NT4915RN |             |
|  | <input type="checkbox"/> | L4915RN  |             |
| KEY COVER WITH HEATING SYMBOL              | <input type="checkbox"/> | N4915PN  |             |
|  | <input type="checkbox"/> | NT4915PN |             |
|  | <input type="checkbox"/> | L4915PN  |             |
| KEY COVER WITH BOILER SYMBOL               | <input type="checkbox"/> | N4915SN  |             |
|  | <input type="checkbox"/> | NT4915SN |             |
|  | <input type="checkbox"/> | L4915SN  |             |



**Note:** these key covers are suitable for installation on neutral control devices (supplied without key cover), or as replacement for the original key covers supplied.

**Note:** for customisable key covers, using the diffusers supplied separately, see the MyHOME key cover section. Refer to 1 function customisable key covers.

## Key covers for axial controls

| NEUTRAL KEY COVERS LIGHTABLE              |                          |          |               |
|---|--------------------------|----------|---------------|
|   |                          | 1 module | 2 modules (*) |
| Description                               |                          | Item     | Item          |
| NEUTRAL KEY COVER WITH LIGHTABLE DIFFUSER | <input type="checkbox"/> | N4916    | N4916M2       |
|   | <input type="checkbox"/> | NT4916   | NT4916M2      |
|   | <input type="checkbox"/> | L4916    | L4916M2       |



NT4916

(\*) Suitable only with new axial switches

| KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL |                          |          |               |
|---|--------------------------|----------|---------------|
|   |                          | 1 module | 2 modules (*) |
| Description                                   |                          | Item     | Item          |
| KEY COVER WITH LIGHT SYMBOL                   | <input type="checkbox"/> | N4916A   | N4916M2A      |
|   | <input type="checkbox"/> | NT4916A  | NT4916M2A     |
|   | <input type="checkbox"/> | L4916A   | L4916M2A      |
| KEY COVER WITH STAIRCASE LIGHT SYMBOL         | <input type="checkbox"/> | N4916B   | N4916M2B      |
|   | <input type="checkbox"/> | NT4916B  | NT4916M2B     |
|   | <input type="checkbox"/> | L4916B   | L4916M2B      |
| KEY COVER WITH BELL SYMBOL                    | <input type="checkbox"/> | N4916D   | N4916M2D      |
|   | <input type="checkbox"/> | NT4916D  | NT4916M2D     |
|   | <input type="checkbox"/> | L4916D   | L4916M2D      |
| KEY COVER WITH KEY SYMBOL                     | <input type="checkbox"/> | N4916F   | N4916M2F      |
|   | <input type="checkbox"/> | NT4916F  | NT4916M2F     |
|   | <input type="checkbox"/> | L4916F   | L4916M2F      |



NT4916A



NT4916B



NT4916D



NT4916F

**Note:** these key cover may be used to replace the original ones supplied with the product

(\*) Suitable only with new axial switches

| KEY COVERS THAT CAN BE CUSTOMISED USING THE DIFFUSER KITS |                          |          |               |
|---|--------------------------|----------|---------------|
|   |                          | 1 module | 2 modules (*) |
| Description   |                          | Item     | Item          |
| KEY COVERS THAT CAN BE CUSTOMISED USING THE DIFFUSERS     | <input type="checkbox"/> | N4916T   | N4916M2T      |
|   | <input type="checkbox"/> | NT4916T  | NT4916M2T     |
|   | <input type="checkbox"/> | L4916T   | L4916M2T      |



NT4916T

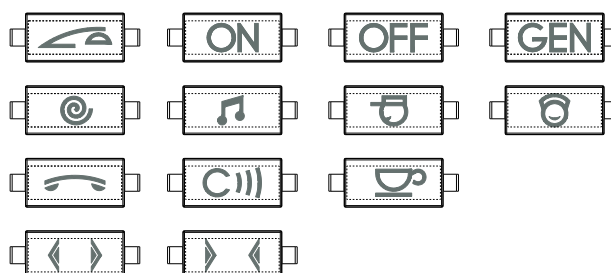


NT4916M2T

**Note:** these key cover may be used to replace the original ones supplied with the product

(\*) Suitable only with new axial switches

| DIFFUSER KIT                                       |                          |           |
|--|--------------------------|-----------|
| Description DIFFUSERS                              | Item                     |           |
| KIT COMPOSITION AS SHOWN ON THE SIDE (5 EACH TYPE) | <input type="checkbox"/> | N4916KIT  |
|  | <input type="checkbox"/> | NT4916KIT |
|  | <input type="checkbox"/> | L4916KIT  |



# Livinglight TRADITIONAL ELECTRICAL SYSTEM

## Relays



N4330/230    N4T330/230    L4330/230

| Item  |  | MONOSTABLE RELAYS   |
|---|--|---|
| <input type="checkbox"/> N4330/230<br><input type="checkbox"/> NT4330/230<br><input type="checkbox"/> L4330/230 |  | monostable relay with NO/NC contact 250 Va.c. 10 A (resistive) 4 A (inductive) cosφ 0.5 coil power supply 230 Va.c. |
| <input type="checkbox"/> N4330/12<br><input type="checkbox"/> NT4330/12<br><input type="checkbox"/> L4330/12    |  | as above – coil power supply 12 Va.c.   |
| <input type="checkbox"/> N4330/24<br><input type="checkbox"/> NT4330/24<br><input type="checkbox"/> L4330/24    |  | as above – coil power supply 24 Va.c.   |

## Dimmers



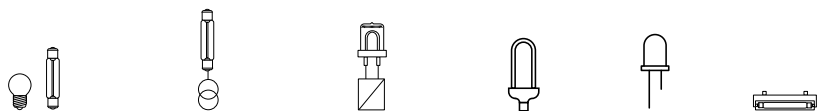
N4402N    NT4406    NT4408N  
NT4410N  
NT4411N    L4581

| Item  |  | KNOB DIMMER  |
|---|--|--|
| <input type="checkbox"/> N4402N*<br><input type="checkbox"/> NT4402N*<br><input type="checkbox"/> L4402N* |  | knob dimmer with built-in two way switch - resistive 60-500 W - TRIAC/IGBT technology - built-in fuse - 1 module |
| <input type="checkbox"/> N4406*<br><input type="checkbox"/> NT4406*<br><input type="checkbox"/> L4406*    |  | resistive knob dimmer 100-500 W - 1 module   |
| <input type="checkbox"/> N4581<br><input type="checkbox"/> NT4581<br><input type="checkbox"/> L4581       |  | resistive knob dimmer 400/800 W - 1 modules  |

\*NOTE: when installing dimmers with AIR plates, for optimum look result and planarity of the light point, the use of the new pushbutton dimmers is recommended (E.g. L/N/NT4411N). Alternatively, if installing the L/N/NT4002N and L/N/NT4406, the use of the box extension is recommended, as it will make wiring easier.

| Item   |  | TOUCH DIMMER  |
|--|--|---|
| <input type="checkbox"/> N4408N<br><input type="checkbox"/> NT4408N<br><input type="checkbox"/> L4408N |  | resistive/inductive touch dimmer 300/600 W with electronic protection - 2 modules |
| <input type="checkbox"/> N4410N<br><input type="checkbox"/> NT4410N<br><input type="checkbox"/> L4410N |  | touch dimmer output 0 - 10 V with electronic protection - 2 modules               |
| <input type="checkbox"/> N4582N<br><input type="checkbox"/> NT4582N<br><input type="checkbox"/> L4582N |  | resistive/capacitive touch dimmer 400/700 W - 2 modules                           |

| Item   |  | UNIVERSAL PUSHBUTTON DIMMER  |
|--|--|--|
| <input type="checkbox"/> N4411N<br><input type="checkbox"/> NT4411N<br><input type="checkbox"/> L4411N |  | universal dimmer (resistive - inductive, capacitive, fluorescent compact and dimmer LEDs) - 150/200/400 W with electronic protection - 2 modules |





## Loads

| Item                        | Type                    | range                         | supply std             | Incandescents and halogens | Halogens with ferromagnetic transformer | Halogens with electronic transformer | Dimmerable compact fluorescents | Dimmerable LED lamps    | Fluorescents with electronic 0-10 V ballast |
|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|---|--------------------------------------|---------------------------------|-------------------------|---|
| N4402N<br>NT4402N<br>L4402N | Resistive               | 230 Va.c.<br>50 Hz            | 230 Va.c.              | 60 - 500 W                 |   |                                      |                                 |                         |   |
| N4406<br>NT4406<br>L4406    | Resistive               | 230 Va.c.<br>50 - 60 Hz       | 230 Va.c.              | 100 - 500 W                |   |                                      |                                 |                         |   |
| N4408N<br>NT4408N<br>L4408N | Resistive<br>Inductive  | 100 - 240 Va.c.<br>50 - 60 Hz | 240 Va.c.<br>100 Va.c. | 20 - 600 W<br>20 - 300 W   | 20 - 600 VA<br>20 - 300 VA              |                                      |                                 |                         |   |
| N4410N<br>NT4410N<br>L4410N | 0 - 10 V                | 100 - 240 Va.c.<br>50 - 60 Hz | 240 Va.c.<br>100 Va.c. |                            |   |                                      |                                 |                         | 20 - 600 VA<br>20 - 300 VA                  |
| N4411N<br>NT4411N<br>L4411N | Universal               | 100÷240 Va.c.<br>50÷60 Hz     | 240 Va.c.<br>100 Va.c. | 3 ÷ 400 W<br>3 ÷ 200 W     | 3 ÷ 400 VA<br>3 ÷ 200 VA                | 3 ÷ 400 VA<br>3 ÷ 200 VA             | 3 - 150 VA<br>3 - 75 VA         | 3 - 150 VA<br>3 - 75 VA |   |
| N4581<br>NT4581<br>L4581    | Resistive               | 110 - 230 Va.c.<br>50 - 60 Hz | 230 Va.c.<br>127 Va.c. | 50 - 800 W<br>50 - 400 W   |   |                                      |                                 |                         |   |
| N4582N<br>NT4582N<br>L4582N | Resistive<br>Capacitive | 110 - 230 Va.c.<br>50 - 60 Hz | 127 Va.c.<br>230 Va.c. | 50 - 400 W<br>50 - 700 W   | 50 - 400 W<br>50 - 700 W                |                                      | 50 - 300 W<br>50 - 300 W        |                         | 100 - 300 W<br>100 - 500 W                  |

# Livinglight <sup>WITH</sup> Netatmo SMART ELECTRICAL SYSTEM



## Connected relays



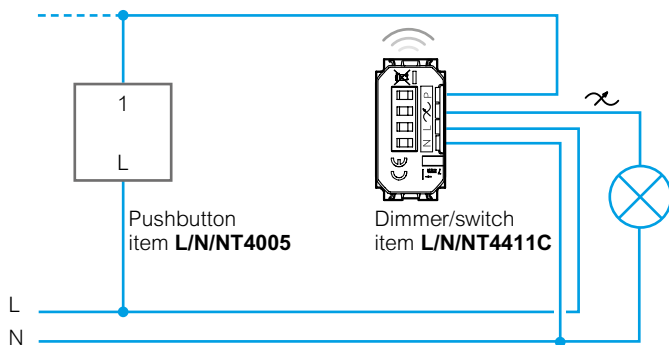
| Item     | CONNECTED RELAYS   |
|----------|--|
| ○ 3584C  |  <p>Connected lighting micromodule. It allows to control lights locally or remotely. It is compatible with all loads with max power 300 W. It can be connected to one or more traditional push-button or associated with “wireless light switches”. It is installed as a traditional relay in the box (behind the button) or in derivation boxes.<br/>Caution: Must be connected to the neutral.<br/>Power supply 110-230 Va.c.</p> |
| ○ FC80RC |  <p>DIN switchboard light device for loads with absorption <math>I_n = 16</math> A. Equipped with a meter measuring the current absorbed by the load and contacts for control with up to 10 pushbuttons.<br/>Power supply 110-230 Va.c. - 1 DIN module.</p>   |

## Connected dimmers



| Item  | CONNECTED DIMMER   |
|---|--|
| <input type="checkbox"/> N4411C<br><input type="checkbox"/> NT4411C<br><input checked="" type="checkbox"/> L4411C       |  <p>Dimmer/switch. It allows to control lights locally or remotely, with the dimmer functionality that can be activated from APP Home+Control.<br/>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 equipped with a blue LED light used for localization modality or load status modality, configurable by APP.<br/>It can be connected to one or more traditional push-button or associated with “wireless light switches”.<br/>Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module</p> |
| <input type="checkbox"/> N4411CM2<br><input type="checkbox"/> NT4411CM2<br><input checked="" type="checkbox"/> L4411CM2 |  <p>Dimmer/switch without neutral. It allows to control lights locally or remotely, with the dimmer functionality that can be activated from APP Home+Control.<br/>It has the same installation and usability of a traditional switch and it is compatible with all loads (LED, halogen) with power 5-300 W at 230 V. It is equipped with a blue LED light used for localization modality or load status modality, configurable by APP. It can be connected associated with “wireless light switches”.<br/>It doesn't require connection to the neutral, it comes with an active compensator.<br/>Power supply 110-230 Va.c. - 2 modules</p>      |

1 module dimmer/switch with remote pushbutton



Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT 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



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### IR and Green switches



N4433N



N4434N



NT4431N



L4432

Item

|   |  | <b>PASSIVE IR SWITCHES</b>  |
|---|--|---|
| <input type="checkbox"/> N4431N<br><input type="checkbox"/> NT4431N<br><input type="checkbox"/> L4431N          |  | Zero crossing technology Green Switch, multiloading neutral connection. Switch with presence sensor by means of the combination of passive infrared rays and ultrasounds and brightness. Manual switching on of the light by front pushbutton and automatic switching off as a function of the brightness level and presence. Timing to delay switching off and brightness sensor threshold settable by means of mono/bidirectional remote control (BMS04003 and BMS04001). Power supply 230 Vac - relay output from 2.1 to 8.5 A max - 2 modules |
| <input type="checkbox"/> N4432<br><input type="checkbox"/> NT4432<br><input type="checkbox"/> L4432             |  | as above - switch off delay time circuit, with delay adjustment from 30 seconds to 10 minutes - it can also be activated using the external pushbutton - relay output 6 A resistive/2 A inductive - with 0-A-I selector - power supply 230 Va.c.- 2 modules   |
| <input type="checkbox"/> N4432/127<br><input type="checkbox"/> NT4432/127<br><input type="checkbox"/> L4432/127 |  | as above - 110/127 Va.c.  |

|  |  | <b>GREEN SWITCH AND IR SENSOR</b>  |
|--|--|--|
| <input type="checkbox"/> N4433N<br><input type="checkbox"/> NT4433N<br><input type="checkbox"/> L4433N |  | Green Switch: switch with movement sensor, through a combination of <b>passive infrared rays and ultrasounds</b> , and brightness sensor. Manual switching on of the light using the front pushbutton, and automatic switching off based on brightness levels and movement. Switch off delay and brightness sensor threshold adjustable using the one/two-way (BMS04003 and BMS04001) remote control, 230 Va.c. power supply. - 2.5 A relay output - 2 modules |
| <input type="checkbox"/> N4434N<br><input type="checkbox"/> NT4434N<br><input type="checkbox"/> L4434N |  | Green Switch: switch with passive infrared rays presence sensor, and brightness sensor. Manual switching on of the light using the front pushbutton, and automatic switching off based on brightness level and presence. Switch off delay and brightness sensor threshold adjustable using the potentiometer and the one/two-way (BMS04003 and BMS04001) commissioning tools. Power supply 230 Vac and 1.7 A max relay output - 2 modules.                     |

**NOTE:** for more information on remote controls BMS04003 and BMS04001 refer to the Lighting Management Catalogue.


#### GREEN SWITCH - FEATURES

|                    | N4433N<br>NT4433N<br>L4433N                     | N4434N<br>NT4434N<br>L4434N              |
|--------------------|---|--|
|                    | 100-240 V~                                      |  |
|                    | 50/60 Hz  |  |
|                    | 2 x 2.5 mm <sup>2</sup>                         |  |
| NEUTRAL CONNECTION | YES   | NO                                       |
|                    | (-5) - (+45) °C                                 |  |
|                    | 300 lux   |  |
|                    | 15 minutes                                      |  |
|                    | 2000 W - 230 V~<br>1000 W - 110 V~              | 40÷400 W - 230 V~<br>20÷200 W - 110 V~   |
|                    | 1000 VA - 230 V~ - 4,3 A<br>500 VA - 110 V      | 40÷400 VA - 230 V~<br>20÷200 VA - 110 V~ |
|                    | 10 x (2x36 W) - 230 V~<br>5 x (2x36 W) - 110 V~ |  |
|                    | 500 VA - 230 V~<br>250 VA - 110 V~              |  |
|                    | 1000 VA - 230 V~<br>500 VA - 110 V~             |  |
|                    | 500 VA - 230 V~<br>250 VA - 110 V~              |  |

Livinglight <sup>WITH</sup> Netatmo  
**SMART ELECTRICAL SYSTEM**  
 Connected IR switches



3585C

| Item   | <b>MOTION SENSOR WIRELESS</b>   |
|--|---|
| <p>○ 3585C</p>  | <p>It controls one or more devices connected for light control.<br/>                     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.</p> |

Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT 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



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Basic control devices



N4003ES



NT4003ES



L4003ES

Item

- N4003ES
- NT4003ES
- L4003ES



#### TWO-WAY ENERGY SAVING SWITCH

Two-way Energy Saving switch with presence detector. It works as a traditional 2 way switch (manual ON, manual OFF) but it will automatically turn off the light if it doesn't detect any presence for 10 minutes.

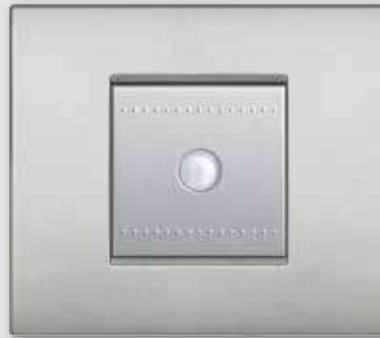
IR detection range, 8 meters, 160° - it is suitable with all type of loads that can be mixed on the same line:

- 12-150W: halogen or resistive loads
- 2-150VA: lamps with electronic or ferromagnetic ballast
- 8-30W (or 650 mA): LEDs or CFLs

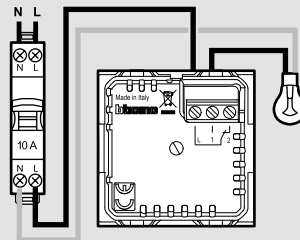
Particularly suitable for places where a light can stay switched on for a long time such as garage and cellar, children's room, etc.

No neutral wiring, 127-230V, 2 modules.

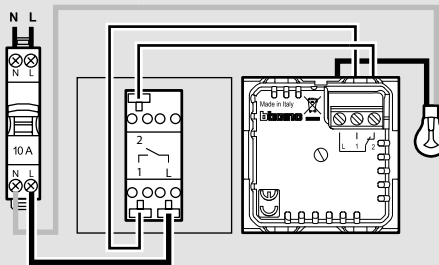
#### TWO WAY ENERGY SAVING SWITCH WIRING DIAGRAM



##### Two-way energy saving switch

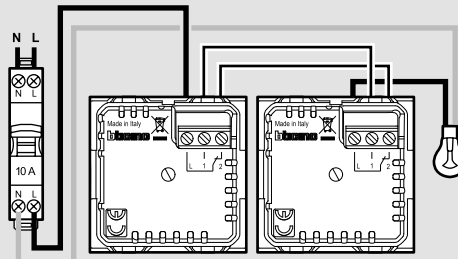


##### Two-way switch + Two-way energy saving switch



The IR sensor is activated when the light is switched on from one of the two switches. The two-way energy saving can be installed both near or far from the load and it opens the circuit after 10 minutes with no movement detection.

##### 2 Two-way energy saving switches



The IR sensor of the two switches are both activated when the light is switched on. The light will switch off when one of the two switches stays 10 minutes with no movement detection.



## Other control devices



N4002N N4012 N4011



NT4027 NT4391 NT4016



L4037 LN4040 26108L



NT4022 NT4033



L4038R L4038V

| Item  | 16 AX 250 Va.c. SWITCHES   |
|---|--|
| <input type="checkbox"/> N4002N<br><input type="checkbox"/> NT4002N<br><input type="checkbox"/> L4002N    | 2 P switch   |
| <input type="checkbox"/> N4012<br><input type="checkbox"/> NT4012<br><input type="checkbox"/> L4012       | 2P key switch - the key can be removed both in the ON and in the OFF position – keys are different from each other |
| <input type="checkbox"/> N4012C*<br><input type="checkbox"/> NT4012C*<br><input type="checkbox"/> L4012C* | 2P key switch - as above - keys are the same for all devices   |

\*NOTE: item available to order. Contact your supplier for availability

| Item  | 32 A DOUBLE-POLE SWITCH     |
|---|-----------------------------|
| <input type="checkbox"/> N4011<br><input type="checkbox"/> NT4011<br><input type="checkbox"/> L4011 | 32 A - 250 Va.c. 2 P switch |

| Item  | 16 AX 250 Va.c. TWO-WAY SWITCH  |
|---|---|
| <input type="checkbox"/> N4022<br><input type="checkbox"/> NT4022<br><input type="checkbox"/> L4022       | 1 P key two-way switch - the key can be removed both in the ON and in the OFF position – keys are different from each other |
| <input type="checkbox"/> N4022C*<br><input type="checkbox"/> NT4022C*<br><input type="checkbox"/> L4022C* | 1 P key two-way switch - as above - keys are the same for all devices   |

\*NOTE: item available to order. Contact your supplier for availability

| Item  | JACK CONNECTOR   |
|---|--|
| <input type="checkbox"/> N4391<br><input type="checkbox"/> NT4391<br><input type="checkbox"/> L4391 | jack connector with 2 closing contacts 48 V 10 A (for plug item 2124N) |
| <input type="checkbox"/> 2124N  | plug/jack for item L/N/NT4391  |

| Item  | ROTARY SWITCH   |
|---|---|
| <input type="checkbox"/> N4016<br><input type="checkbox"/> NT4016<br><input type="checkbox"/> L4016 | selector – 1 way rotary switch – 4 positions for controlling air conditioners, fans control, etc. - 3 A 250 Va.c. |

| Item   | 10 A 250 Va.c. PUSHBUTTONS  |
|--|---|
| <input type="checkbox"/> N4034N<br><input type="checkbox"/> NT4034N<br><input type="checkbox"/> L4034N       | 1 P (NC) opening pushbutton preset for interchangeable key covers   |
| <input type="checkbox"/> N4033<br><input type="checkbox"/> NT4033<br><input type="checkbox"/> L4033          | 1 P (NO) cord pushbutton  |
| <input type="checkbox"/> N4038R<br><input type="checkbox"/> NT4038R<br><input type="checkbox"/> L4038R       | 1 P (NO) pushbutton + lampholder for LEDs item LN4742V12T - LN4742V127T - LN4742V230T - red diffuser                                |
| <input type="checkbox"/> N4038V<br><input type="checkbox"/> NT4038V<br><input type="checkbox"/> L4038V       | as above - green diffuser   |
| <input type="checkbox"/> N4044N<br><input type="checkbox"/> NT4044N<br><input type="checkbox"/> L4044N       | 2 P (NO) pushbutton with independent contacts for traditional hospital systems  |
| <input type="checkbox"/> LN4040  | 1 P (NO) pushbutton + lightable nameplate with LEDs item LN4742V12T - LN4742V127T - LN4742V230T                                     |
| <input type="checkbox"/> N4042N<br><input type="checkbox"/> NT4042N<br><input type="checkbox"/> L4042N       | 1 P (NO) pushbutton marked with lightable bell symbol   |
| <input type="checkbox"/> N4042M2N<br><input type="checkbox"/> NT4042M2N<br><input type="checkbox"/> L4042M2N | 1 P (NO) pushbutton marked with lightable bell symbol - 2 mod.  |
| <input type="checkbox"/> N4043N<br><input type="checkbox"/> NT4043N<br><input type="checkbox"/> L4043N       | 1 P (NO) pushbutton marked with lightable lamp symbol   |
| <input type="checkbox"/> N4043M2N<br><input type="checkbox"/> NT4043M2N<br><input type="checkbox"/> L4043M2N | 1 P (NO) pushbutton marked with lightable lamp symbol - 2 mod.  |
| <input type="checkbox"/> 26108N<br><input type="checkbox"/> 26108T<br><input type="checkbox"/> 26108L        | IP55 nameplate pushbutton - backlit with LED technology (included) - suitable for installation on 503E and 502E flush mounted boxes |

| Item   | KEY COVERS   |
|--|--|
| <input type="checkbox"/> N4916DP<br><input type="checkbox"/> NT4916DP<br><input type="checkbox"/> L4916DP    | neutral key cover for items N/NT/L4036, N/NT/L4038R, N/NT/L4038V - 10 pcs pack |
| <input type="checkbox"/> N4916DPA<br><input type="checkbox"/> NT4916DPA<br><input type="checkbox"/> L4916DPA | key cover with arrow symbol for items N/NT/L4027, N/NT/L4037 - 10 pcs pack     |

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM





### Control for shutters



NT4027



NT4027VMC

| Item   |   | <b>16 A 250 Va.c. CHANGEOVER SWITCH</b>           |
|--|---|---|
| <input type="checkbox"/> N4027<br><input checked="" type="checkbox"/> NT4027<br><input checked="" type="checkbox"/> L4027          |  | 1 P 1-0-2 double-key changeover switch            |
| <input type="checkbox"/> N4027VMC<br><input checked="" type="checkbox"/> NT4027VMC<br><input checked="" type="checkbox"/> L4027VMC |  | as above - fan symbol                             |
| <b>10 A 250 Va.c. PUSHBUTTONS</b>  |   |   |
| <input type="checkbox"/> N4036<br><input checked="" type="checkbox"/> NT4036<br><input checked="" type="checkbox"/> L4036          |  | 1 P (NO) + 1 P (NO) double pushbutton             |
| <input type="checkbox"/> N4037<br><input checked="" type="checkbox"/> NT4037<br><input checked="" type="checkbox"/> L4037          |  | 1 P (NO) + 1 P (NO) interlocked double pushbutton |

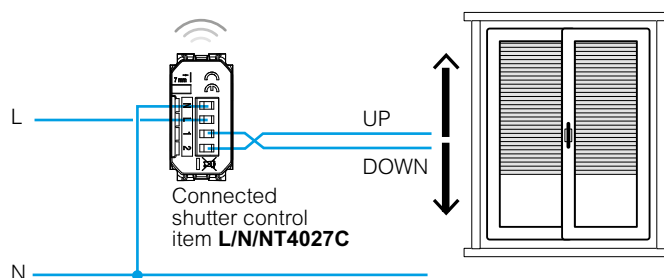
# Livinglight <sup>WITH</sup> Netatmo

## SMART ELECTRICAL SYSTEM

### Connected control for shutters



| Item  |  | CONNECTED DEVICES FOR SHUTTERS   |
|---|--|--|
| <input type="checkbox"/> N4027C<br><input type="checkbox"/> NT4027C<br><input checked="" type="checkbox"/> L4027C       |  | 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.<br>Caution: Must be connected to the neutral.<br>Power supply 110-230 Va.c.<br>- 1 module       |
| <input type="checkbox"/> N4027CIL<br><input type="checkbox"/> NT4027CIL<br><input checked="" type="checkbox"/> L4027CIL |  | as above - interlocked modality  |
| <input type="checkbox"/> N4027CM2<br><input type="checkbox"/> NT4027CM2<br><input checked="" type="checkbox"/> L4027CM2 |  | connected rolling shutter switch - It allows the control of 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 associated to one or more wireless controls. Power supply 100-240 Va.c.<br>- 2 modules  |
| <input checked="" type="checkbox"/> 4027C   |  | 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.<br>Power supply 110-230 Va.c. |



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

Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT 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



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Temperature control



N4441



N4451



NT4442

| Item  | <b>ELECTRONIC THERMOSTATS</b> |  |
|---|-------------------------------|--|
| <input type="checkbox"/> N4441<br><input type="checkbox"/> NT4441<br><input type="checkbox"/> L4441       |                               | electronic room thermostat - relay output with 1 switching contact 2 A 250 Va.c. - power supply 230 Va.c.  |
| <input type="checkbox"/> N4441FH<br><input type="checkbox"/> L4441FH<br><input type="checkbox"/> NT4441FH |                               | as above, with floor probe   |
| <input type="checkbox"/> N4442<br><input type="checkbox"/> NT4442<br><input type="checkbox"/> L4442       |                               | electronic room thermostat with a built-in "summer/winter" changeover switch - relay output with a C-NO 2 A 250 Va.c. contact - power supply 230 Va.c. |

| Item  | <b>TIMER THERMOSTATS</b> |   |
|---|--------------------------|---|
| <input type="checkbox"/> N4451<br><input type="checkbox"/> NT4451<br><input type="checkbox"/> L4451 |                          | flush mounted daily/weekly timer thermostat for heating and cooling systems. Three selectable temperatures during the 24 h period - Auto, Manual, Holiday, Antifreeze Operation. Backlighted display - power supply with battery: 2 x 1.5 V - remote activation using the remote control - possibility of connecting an external probe - output: contact in exchange 5(3) A |

| <b>ACCESSORIES FOR TIMER THERMOSTATS</b> |  |  |
|--|--|--|
| <input type="checkbox"/> F462            |  | GSM Telephone actuator - 4 DIN modules       |
| <input type="checkbox"/> 3457            |  | external probe for L/N/NT4450 and L/N/NT4451 |

# Smarter <sup>WITH</sup> Netatmo SMART ELECTRICAL SYSTEM

## Thermostat



**XW8002**  
**XW8002W**



**XM8002**



**XG8002**

### Item **CONNECTED THERMOSTAT**

**XW8002**  **XG8002**  **XM8002**

The Smarter with Netatmo connected thermostat, together with the dedicated HOME+CONTROL APP, is a device which allows you to adjust and monitor the temperature in the rooms precisely and accurately; all the programming and most of the functions are performed simply and intuitively using the APP. Thanks to its Wi-Fi connection, Smarter with Netatmo can be programmed and controlled remotely; it can also display the temperature and humidity measured in the room. The temperature level can be set locally for manual operation and the Boost mode can be activated. The Boost forces the switching on of the system for a limited time (30, 60 or 90 minutes) independent of the measured and programmed temperature.



It's also possible to set a different temperature in each room of the house for the maximum comfort, thanks to its compatibility with Netatmo's smart radiator valves.

Smarter with Netatmo can also be controlled with Google, Amazon Alexa and Apple Home Kit voice assistants.

#### Features:

- 110 ÷ 230 Va.c., 50/60 Hz power supply;
- 2 W max absorption;
- maximum cable section 1 x 1.5mm<sup>2</sup>;
- temperature measurement 5 ÷ 40°C;
- temperature set-point 5 ÷ 40°C,
- increase of 0.5°C;
- 1-contact output in switching free of potential 5(2)A.

#### Types of installation:

- flush mounted, on boxes item 503E or 500 (for item 500 use the wall dowels)
- plasterboard, on boxes 2 module e 3 module

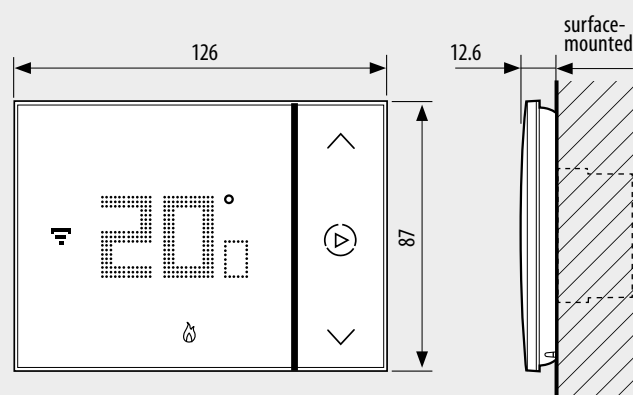
It is available in three colours: white (XW8002), sand (XM8002) and black (XG8002).

**XW8002W** features: as .8002.

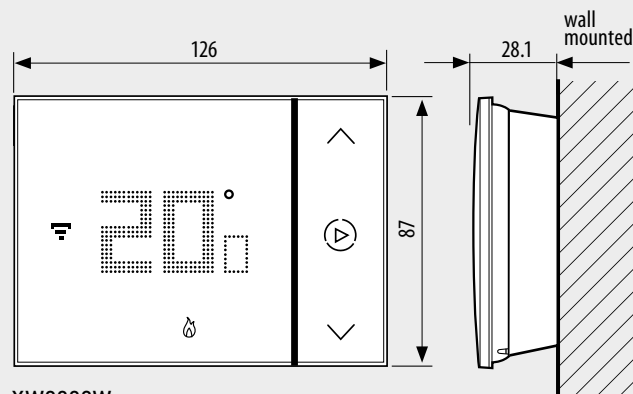
Installation: on the wall, using screws and dowels suitable for the installation surface (brickwork, plasterboard, tiles etc.). It is only available in white.



### DIMENSIONAL DATA



XW8002 - XG8002 - XM8002



XW8002W



**App HOME + CONTROL** for management of connected devices



**DESIGN AWARD 2017**

Smarter, the connected thermostat, has been awarded this prestigious international recognition confirming BTicino's capacity in combining technology and design.

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Socket outlets - Italian standard



N4113 N4180 N4115



NT4140 NT4140/16



L4180R L4140/16R







N4180/2







NT4180/3








L4180V


| Item  | ITALIAN STANDARD   |
|---|--|
| <input type="checkbox"/> N4113<br><input type="checkbox"/> NT4113<br><input type="checkbox"/> L4113 |  2 P+E 10 A 250 Va.c. socket - centre distance 19 mm - shielded tulip contacts Ø 4 mm   |
| <input type="checkbox"/> N4180<br><input type="checkbox"/> NT4180<br><input type="checkbox"/> L4180 |  2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for plugs 2 P and 2 P+E 10 and 16 A Italian standard |
| <input type="checkbox"/> N4115<br><input type="checkbox"/> NT4115<br><input type="checkbox"/> L4115 |  2 P+E 10 A 250 Va.c. safety socket - irreversible for plug item 2200NA or 2200NN  |
| <input type="checkbox"/> 2200NA<br><input type="checkbox"/> 2200NN                                  |  safety plug for N/NT/L4115 socket - colour ivory (NA) or black (NN)  |

| Item  | DUPLEX AND TRIPLEX ITALIAN STANDARD   |
|---|---|
| <input type="checkbox"/> N4180/2<br><input type="checkbox"/> NT4180/2<br><input type="checkbox"/> L4180/2 |  duplex socket - two 2 P+E 10 A and 16 A 250 Va.c. parallel sockets - centre distance 19 mm and 26 mm - 2 additional P (phase-neutral) available for shunting - for plugs 2 P and 2 P+E 10 and 16 A Italian standard |
| <input type="checkbox"/> N4180/3<br><input type="checkbox"/> NT4180/3<br><input type="checkbox"/> L4180/3 |  triplex socket - 3 parallel sockets - features as above.  |

| Item   | GERMAN AND ITALIAN STANDARDS  |
|--|---|
| <input type="checkbox"/> N4140<br><input type="checkbox"/> NT4140<br><input type="checkbox"/> L4140          |  2 P+E 16 A socket with side contacts and central earthing contact for German standard plugs and 10 A plugs with aligned pins - P30 type - centre distance 19 mm - shielded tulip contacts   |
| <input type="checkbox"/> N4140/16<br><input type="checkbox"/> NT4140/16<br><input type="checkbox"/> L4140/16 |  2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs |

| Item                                | FOR SPECIAL USERS  |
|-------------------------------------|--|
| <input type="checkbox"/> L4180R     |  2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for 2 P and 2 P+E 10 and 16 A Italian standard plugs - colour red  |
| <input type="checkbox"/> L4180V*    |  as above - colour green  |
| <input type="checkbox"/> L4140/16R  |  2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs - colour red |
| <input type="checkbox"/> L4140X16V* |  as above - colour green   |
| <input type="checkbox"/> L4140R     |  2 P+E 16 A socket with side contacts and central earthing contact for German standard plugs and 10 A plugs with aligned pins - P30 type - centre distance 19 mm - shielded tulip contacts - colour red  |

\* available to order

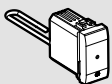

| Item  | GERMAN AND ITALIAN STANDARD FLAT SOCKET   |
|---|---|
| <input type="checkbox"/> N4140/16F<br><input type="checkbox"/> NT4140/16F<br><input type="checkbox"/> L4140/16F |  When the plug is inserted the socket surface slides inside the casing; it returns to its initial position when the plug is taken out.<br>Socket 2 P+E 16 A 250 Va.c. - 19 and 26 mm centre distance in 2-centre configuration - protected tulip contacts; side earth contact for German standard plugs; suitable for: Italian standard plugs 2P and 2 P+E 10/16 A, and 16A, German standard plugs 2P+E 16 A. |



# Livinglight <sup>WITH</sup> Netatmo

## SMART ELECTRICAL SYSTEM

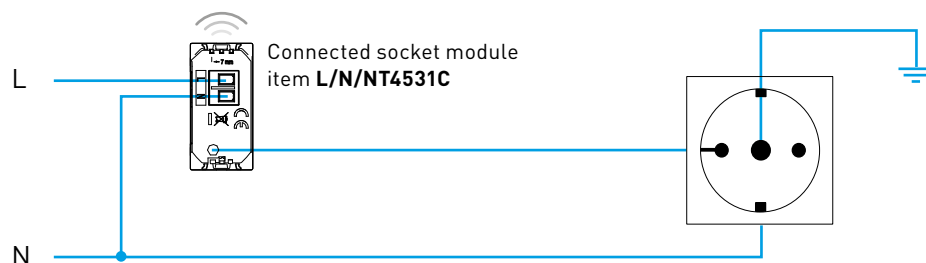
### Connected devices for energy management



| Item  | CONNECTED DEVICES FOR ENERGY MANAGEMENT  |
|---|--|
| <input type="checkbox"/> <b>N4531C</b><br><input checked="" type="checkbox"/> <b>NT4531C</b><br><input checked="" type="checkbox"/> <b>L4531C</b> |  <p>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 equipped 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 Va.c. - 1 module</p> |
| <input type="radio"/> <b>FC80GCS</b>  |  <p>connected DIN load management module for the monitoring of the consumptions of the whole electric system, the powering or disconnection of the loads, and the setting of scenarios with priority or non-priority loads. When the maximum intended power is reached, the non-priority loads are temporarily disconnected to avoid black-outs. A toroid for the current reading is provided<br/>Power supply 110-230 Va.c. - 1 DIN module</p>   |

| Item                                 | CONNECTED DIN METERS   |
|--------------------------------------|--|
| <input type="radio"/> <b>FC80CC</b>  |  <p>connected contactor for single-phase and/or three-phase loads with maximum absorption <math>I_n = 20</math> A. With meter for the measurement of the current absorbed by the load.<br/>Power supply 110-230 Va.c. - 1 DIN module</p>  |
| <input type="radio"/> <b>F20T60A</b> |  <p>Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous, daily, monthly) and of the single electrical power lines. It allows the reception of notifications in case of reaching the maximum power foreseen by the contract to avoid annoying black-outs. A toroid is supplied to measure the input current.<br/>Power supply 100-240 Va.c.<br/>1 DIN module. (Only for single-phase systems).</p> |

#### Simplified installation scheme



For correct functioning, also connect the neutral conductor to the connected devices.

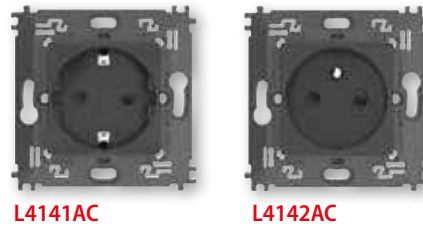
Note: for the use of the connected devices, the gateway, item **...4500C**, **...4510C** or **FG80GT** must be installed as part of the system.



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





# Livinglight <sup>WITH</sup> Netatmo SMART ELECTRICAL SYSTEM

## Connected sockets



| Item     | <b>CONNECTED PLUG&amp;PLAY SOCKETS</b>  |
|----------|---|
|          | <p>Directly connected to an existing socket, it allows remote control of all the connected electrical appliances.</p> <p>It also monitors the instantaneous, daily and monthly consumption.</p> <p>Compatible with all the devices with power up to 16 A 3680 W (with overload protection).</p> <p>It can be associated to wireless light controls.</p> <p>Power supply 110-230 V Va.c.</p> |
| ○ 4141PC |  <p>Shuko standard socket</p>   |
| ○ 4142PC |  <p>French / Belgian standard socket</p>   |

| Item   | <b>CONNECTED SOCKETS</b>  |
|--|---|
| <input type="checkbox"/> N4141AC<br><input type="checkbox"/> NT4141AC<br><input checked="" type="checkbox"/> L4141AC |  <p>2P+E 16 A 250 Va.c. German standard connected socket. It allows remote control of electric devices and also to monitor their consumption (instantaneous, daily, monthly).</p> <p>It is also possible to receive notifications that can be configured. Compatible with all the electric devices with power up to 16 A 3680W (with overload protection).</p> <p>Integrated with a 2-module support, it can be installed instead of an existing socket in a 40 mm deep box.</p> <p>Screw fixing and connection using automatic clamps 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.</p> <p>It can be associated to one or more wireless light controls. Power supply 110-230 Va.c.</p> |
| <input type="checkbox"/> N4142AC<br><input type="checkbox"/> NT4142AC<br><input checked="" type="checkbox"/> L4142AC |  <p>As above</p> <p>French/belgian standard socket</p>  |



# Livinglight TRADITIONAL ELECTRICAL SYSTEM

## USB chargers

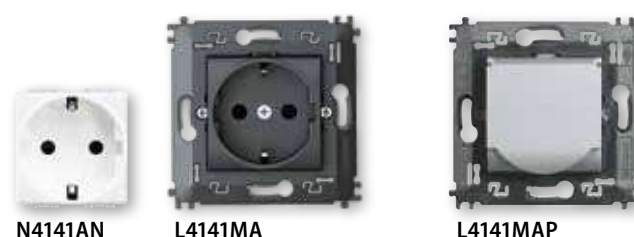


| Item  | USB CHARGER  |
|---|--|
| <input type="checkbox"/> N4285C1<br><input type="checkbox"/> NT4285C1<br><input type="checkbox"/> L4285C1 | 5 Vdc USB charger only for charging electronic devices up to 1,500 mA like mobile phones, smartphones, tablets and similar – 110-230 V 50-60 Hz DIRECT power supply  |
| <input type="checkbox"/> N4285C2<br><input type="checkbox"/> NT4285C2<br><input type="checkbox"/> L4285C2 | 5 Vdc USB charger for quick charge of one single electronic device (mobile phones, smartphones, tablets or similar) up to 3,000 mA or simultaneous charging of two devices up to 1,500 mA – 110-230 Va.c. DIRECT power supply 50-60 Hz |
| <input type="checkbox"/> N4286C1<br><input type="checkbox"/> NT4286C1<br><input type="checkbox"/> L4286C1 | 5 Vdc type C USB charger only for charging electronic devices up to 1,500 mA - 110-230 V 50-60 Hz DIRECT power supply - 1 module   |
| <input type="checkbox"/> N4286C2<br><input type="checkbox"/> NT4286C2<br><input type="checkbox"/> L4286C2 | 5 Vdc type C USB charger for quick charge of one single electronic device up to 3,000 mA or simultaneous charging of two devices up to 1,500 mA - 110-230 V 50-60 Hz DIRECT power supply, 2 modules                                    |
| <input type="checkbox"/> N4287C2<br><input type="checkbox"/> NT4287C2<br><input type="checkbox"/> L4287C2 | 5 Vdc type A and C USB charger for quick charge of single electronic devices up to 3,000 mA or simultaneous charging of two devices up to 1,500 mA - 110-230 V 50-60 Hz DIRECT power supply - 2 modules                                |

| Item                               | INDUCTION AND USB CHARGER   |
|------------------------------------|---|
| <input type="checkbox"/> LN4285CW2 | allows the quick and wireless charging of smartphones with induction receiver. Suitable for the bed head, sideboards, desks and work areas. Compliant with WPC Qi (World Power consortium) and EN 62479 (EF emissions) standards Meets the electromagnetic field safety requirements and does not cause disturbance to other radio emissions (Zigbee TNT, GSM 4G, ...). It has 2 50x80 mm aerials for quick coupling of the smartphone. The antislip support surface is inclined by 10°. Antitheft "lock" function. Energy performance >85%. It has a 3,000 mA type A USB port to supply a second device. 12 W. Size 136.5 x 70 x 56.5 mm |

| Item   | USB CHARGER WITH SOCKET OUTLET   |
|--|--|
| <input type="checkbox"/> N4141USB<br><input type="checkbox"/> NT4141USB<br><input type="checkbox"/> L4141USB | German standard electric socket with integrated USB charger. Socket 2 P+E 16 A 250 VA - protected tulip contacts - side earth contact. 5 Vdc type C USB charger for charging electronic devices up to 1,500 mA. Integrated with a 2-module support, it can be installed instead of an existing socket in a 40 mm deep box. Screw fixing and connection using automatic clamps. |

## Socket outlets German standards



| Item   | GERMAN STANDARD   |
|--|---|
| <input type="checkbox"/> N4141<br><input type="checkbox"/> NT4141<br><input type="checkbox"/> L4141          | 2 P+E 16 A 250 V socket with earth side contacts - shielded tulip contacts                                |
| <input type="checkbox"/> N4141PW<br><input type="checkbox"/> NT4141PW<br><input type="checkbox"/> L4141PW    | 2 P+E 16 A 250 V socket with earth side contacts - shielded tulip contacts - with cover                   |
| GERMAN STANDARD (AUTOMATIC CLAMPS)   |   |
| <input type="checkbox"/> N4141AN<br><input type="checkbox"/> NT4141AN<br><input type="checkbox"/> L4141AN    | 2 P+E 16 A socket with earth side contacts - automatic clamps - 2 modules                                 |
| <input type="checkbox"/> N4141MA<br><input type="checkbox"/> NT4141MA<br><input type="checkbox"/> L4141MA    | 2 P+E 16 A socket with earth side contacts - automatic clamps - 2 modules - monobloc                      |
| <input type="checkbox"/> N4141MAP<br><input type="checkbox"/> NT4141MAP<br><input type="checkbox"/> L4141MAP | 2 P+E 16 A socket with earth side contacts - automatic clamps - 2 modules - monobloc with cover           |
| FOR SPECIAL USERS  |   |
| <input type="checkbox"/> L4141R  | 2 P+E 16 A 250 V socket with earth side contacts - shielded tulip contacts - German standard - colour red |
| <input type="checkbox"/> L4141V  | as above - colour green   |

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Socket outlets

### French standards



NT4143



NT4142



LN4142AN



L4142



L4146



L4141V



NT4145



LN4142MA



L4942N



L4142AN

| Item  |  | FRENCH STANDARD   |
|---|--|---|
| <input type="checkbox"/> N4142AN<br><input type="checkbox"/> NT4142AN<br><input type="checkbox"/> L4142AN |  | 2 P+E 16 A 250 Va.c. socket - shielded tulip contacts - automatic clamps                        |
| <input type="checkbox"/> N4142<br><input type="checkbox"/> NT4142<br><input type="checkbox"/> L4142       |  | 2 P+E 16 A 250 Va.c. socket - shielded tulip contacts   |
| ○ N4142R  |  | socket as above - colour red  |
| <input type="checkbox"/> N4143<br><input type="checkbox"/> NT4143<br><input type="checkbox"/> L4143       |  | 2 P 16 A 250 Va.c. socket - shielded tulip contacts   |
| <input type="checkbox"/> N4144<br><input type="checkbox"/> NT4144<br><input type="checkbox"/> L4144       |  | 2 P+E 16 A socket shielded tulip contacts - with pilot light, with automatic clamps - 2 modules |
| <input type="checkbox"/> N4145<br><input type="checkbox"/> NT4145<br><input type="checkbox"/> L4145       |  | 2 P+E 16 A 250 Va.c. socket - shielded tulip contacts - with cover                              |
| <input type="checkbox"/> N4146<br><input type="checkbox"/> NT4146<br><input type="checkbox"/> L4146       |  | 2 P 10/16 A 250 Va.c. socket with indexing slot   |

| Item  |  | FRENCH STANDARD (AUTOMATIC CLAMPS)   |
|---|--|--|
| ○ LN4142AN  |  | 2 P+E 16 A 250 Va.c. socket - neutral finish to be completed with front cover L4942S, N4942S, NT4942S  |
| <input type="checkbox"/> N4942S<br><input type="checkbox"/> NT4942S<br><input type="checkbox"/> L4942S    |  | front cover for sockets LN4142AN   |
| ○ LN4142MA  |  | 2P + E 250 Va.c. socket monobloc - neutral finish to be completed with front cover L4942N, N4942N, NT4942N   |
| <input type="checkbox"/> N4942N<br><input type="checkbox"/> NT4942N<br><input type="checkbox"/> L4942N    |  | front cover for sockets LN4142MA   |
| <input type="checkbox"/> N4142AF<br><input type="checkbox"/> NT4142AF<br><input type="checkbox"/> L4142AF |  | Flat socket. When the plug is inserted the socket surface slides inside the casing; it returns to its initial position when the plug is taken out. Socket 2 P+E 10/16 A 250 Va.c. - protected tulip contacts - 2 modules |

## Socket outlets Euro-American and British standards



N4129S N4150



NT4125 NT4126



L4185



NT4128 NT4188

| Item   |  | EURO-AMERICAN STANDARD  |
|--|--|---|
| <input type="checkbox"/> N4125S<br><input type="checkbox"/> NT4125S<br><input type="checkbox"/> L4125S |  | 2 P 16 A 127/250 Va.c. socket - unshielded tulip contacts - 1 module                          |
| <input type="checkbox"/> N4125<br><input type="checkbox"/> NT4125<br><input type="checkbox"/> L4125    |  | 2 P 16 A 127/250 Va.c. socket - Ø 5 mm shielded tulip contacts - 1 module                     |
| <input type="checkbox"/> N4126S<br><input type="checkbox"/> NT4126S<br><input type="checkbox"/> L4126S |  | 2 P+E 16 A 127/250 Va.c. universal socket - Ø 5 mm unshielded tulip contacts - 2 modules      |
| <input type="checkbox"/> N4126<br><input type="checkbox"/> NT4126<br><input type="checkbox"/> L4126    |  | 2 P+E 16 A 127/250 Va.c. universal duplex socket - Ø 5 mm shielded tulip contacts - 2 modules |
| <input type="checkbox"/> N4185S<br><input type="checkbox"/> NT4185S<br><input type="checkbox"/> L4185S |  | 2 P+E 16 A 127/250 Va.c. universal duplex socket - unshielded tulip contacts - 3 modules      |
| <input type="checkbox"/> N4185<br><input type="checkbox"/> NT4185<br><input type="checkbox"/> L4185    |  | 2 P+E 16 A 127/250 Va.c. universal duplex socket - shielded tulip contacts - 3 modules        |
| <input type="checkbox"/> N4150<br><input type="checkbox"/> NT4150<br><input type="checkbox"/> L4150    |  | <b>BRITISH STANDARD</b><br>socket outlet 2 modules - 13 AMP<br>(items conform to BS 1363)     |

**NOTE:** for other items belonging to the BS offer see the dedicated brochure

| Item   |  | AMERICAN STANDARD  |
|--|--|--|
| <input type="checkbox"/> N4129S<br><input type="checkbox"/> NT4129S<br><input type="checkbox"/> L4129S       |  | 2 P+E 15 A 127/250 Va.c. socket - unshielded tulip contacts - 1 module                   |
| <input type="checkbox"/> N4129<br><input type="checkbox"/> NT4129<br><input type="checkbox"/> L4129          |  | 2 P+E 15 A 127/250 Va.c. socket - shielded tulip contacts - 1 module                     |
| <input type="checkbox"/> N4128S<br><input type="checkbox"/> NT4128S<br><input type="checkbox"/> L4128S       |  | 2 P+E 15 A 127/250 Va.c. socket - unshielded tulip contacts - 2 modules                  |
| <input type="checkbox"/> N4128<br><input type="checkbox"/> NT4128<br><input type="checkbox"/> L4128          |  | 2 P+E 15 A 127/250 Va.c. socket - shielded tulip contacts - 2 modules                    |
| <input type="checkbox"/> N4188S<br><input type="checkbox"/> NT4188S<br><input type="checkbox"/> L4188S       |  | 2 P+E 15 A 127/250 Va.c. universal duplex socket - unshielded tulip contacts - 3 modules |
| <input type="checkbox"/> N4188<br><input type="checkbox"/> NT4188<br><input type="checkbox"/> L4188          |  | 2 P+E 15 A 127/250 Va.c. universal duplex socket - shielded tulip contacts - 3 modules   |
| <input type="checkbox"/> N4188GF6<br><input type="checkbox"/> NT4188GF6<br><input type="checkbox"/> L4188GF6 |  | 2P+E 15 A 127 Va.c. GFCI socket - shielded tulip contacts - 3 modules                    |

### BS SOCKET OUTLET ITEM N/NT/L4150 INSTALLATION

#### WRONG INSTALLATION



4-module cover plate

#### CORRECT INSTALLATION



7-module cover plate

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Socket outlets - Different international standards



N4132



NT4132



NT4183



L4139



L4122ET



L4164/12

| Item  |  | <b>AUSTRALIAN STANDARD</b>  |
|---|--|---|
| <input type="checkbox"/> N4132<br><input type="checkbox"/> NT4132<br><input type="checkbox"/> L4132                     |  | 2 P+E 10 A 250 Va.c. socket - safety socket, shuttered and auto switched - 2 modules  |
| <input type="checkbox"/> N4133<br><input type="checkbox"/> NT4133<br><input type="checkbox"/> L4133                     |  | 2 P+E 15 A 250 Va.c. socket - safety socket, shuttered and auto switched - 2 modules  |
| <b>BRAZILIAN STANDARD</b>   |  |   |
| <input type="checkbox"/> N4165S<br><input type="checkbox"/> L4165S  |  | 10 A socket with unshielded tulip contacts - 1 module   |
| <input type="checkbox"/> N4166S<br><input type="checkbox"/> L4166S  |  | 20 A socket with unshielded tulip contacts - 1 module   |
| <b>SHAVER SOCKETS</b>   |  |   |
| <input type="checkbox"/> N4177*<br><input type="checkbox"/> NT4177*<br><input type="checkbox"/> L4177*                  |  | shaver socket with insulating transformer - input voltage 230V a.c. 50/60Hz - output voltage 115/230V a.c. 20VA - 3 modules |
| <input type="checkbox"/> N4177/127*<br><input type="checkbox"/> L4177/127*  |  | as above - input voltage 127V a.c.  |
| *Note: when installed with Livinglight AIR, the use of the box extension is necessary, in order to make easy the wiring |  |   |
| <b>EGYPTIAN STANDARD</b>  |  |   |
| <input type="checkbox"/> N4122ET<br><input type="checkbox"/> NT4122ET<br><input type="checkbox"/> L4122ET               |  | 2 P 10 A 250 Va.c. socket - contact tubes Ø 4 - 4.8 mm - centre line of holes 19 mm - 1 module                              |
| <b>SWISS STANDARD</b>   |  |   |
| <input type="checkbox"/> N4164/13<br><input type="checkbox"/> NT4164/13<br><input type="checkbox"/> L4164/13            |  | 2 P+E 10 A 250 Va.c. socket - 2 modules   |
| <b>ISRAELI STANDARD</b>   |  |   |
| <input type="checkbox"/> N4183<br><input type="checkbox"/> NT4183<br><input type="checkbox"/> L4183                     |  | 2 P+E 10/16 A 250 Va.c. socket - 2 modules  |
| <b>MULTISTANDARD</b>  |  |   |
| <input type="checkbox"/> N4139<br><input type="checkbox"/> NT4139<br><input type="checkbox"/> L4139                     |  | 2 P+E 5/6/10/13 A 250 Va.c. and 127 Va.c. socket - multistandard - 2 modules  |

### RJ connectors



N4261AT5



NT4262C5E



L4279C5E

N4261AT6

N4262C6

L4279C6



L4262C6S

| Item   |  | <b>RJ45 CONNECTORS</b>  |                        |
|--|--|---|------------------------|
|  |  | RJ 45 data transmission/telephone connectors. Specially designed for data and telephone transmission. These connectors are widely used for computer networks with a 4-pair cable. |                        |
|  |  | <b>Category</b>   | <b>Connection type</b> |
| <input type="checkbox"/> N4279C5E<br><input type="checkbox"/> NT4279C5E<br><input type="checkbox"/> L4279C5E |  | 5E UTP  | TOOLLESS IDC           |
| <input type="checkbox"/> N4279C5F<br><input type="checkbox"/> NT4279C5F<br><input type="checkbox"/> L4279C5F |  | 5 FTP   | TOOLLESS IDC           |
| <input type="checkbox"/> N4279C6<br><input type="checkbox"/> NT4279C6<br><input type="checkbox"/> L4279C6    |  | 6 UTP   | TOOLLESS IDC           |
| <input type="checkbox"/> N4279C6F<br><input type="checkbox"/> NT4279C6F<br><input type="checkbox"/> L4279C6F |  | 6 FTP   | TOOLLESS IDC           |
| <input type="checkbox"/> N4279C6S<br><input type="checkbox"/> NT4279C6S<br><input type="checkbox"/> L4279C6S |  | 6 STP   | TOOLLESS IDC           |
| <input type="checkbox"/> N4279C6A<br><input type="checkbox"/> NT4279C6A<br><input type="checkbox"/> L4279C6A |  | 6A STP  | TOOLLESS IDC           |
| <input type="checkbox"/> N4262C5E<br><input type="checkbox"/> NT4262C5E<br><input type="checkbox"/> L4262C5E |  | 5E UTP  | 110 IDC                |
| <input type="checkbox"/> N4262C6<br><input type="checkbox"/> NT4262C6<br><input type="checkbox"/> L4262C6    |  | 6 UTP   | 110 IDC                |
| <input type="checkbox"/> N4262C6S<br><input type="checkbox"/> NT4262C6S<br><input type="checkbox"/> L4262C6S |  | 6 STP   | 110 IDC                |
| <input type="checkbox"/> N4261AT5<br><input type="checkbox"/> NT4261AT5<br><input type="checkbox"/> L4261AT5 |  | 5E UTP  | 110 IDC                |
| <input type="checkbox"/> N4261AT6<br><input type="checkbox"/> NT4261AT6<br><input type="checkbox"/> L4261AT6 |  | 6 UTP   | 110 IDC                |

## TV - FM - SAT sockets



LN4214D



LN4214M2D



LN4202D



LN4202M2D



LN4210M2D



S2133



LN4202P14



LN4202P10



LN4202F

Item

### STAR TV/SAT DEMIXED SOCKET

○ LN4214D



Star demixed coaxial socket for single-user aerial systems, also remote powered and shunting centralised, and for single-user /shunting centralised satellite systems with current and signal transfer for channels selection; Ø 9.5 mm male TV connector - type F SAT connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

○ LN4214M2D

as above - 2 modules

**NOTE:** for an optimum use of the product, all the outputs must be used

### STAR TV/R/SAT DEMIXED SOCKET

○ LN4210M2D



Star demixed coaxial socket for single-user aerial systems, also remote powered and shunting centralised, and for single-user /shunting centralised satellite systems with current and signal transfer for channels selection, and for radio systems; Ø 9.5 mm male TV connector - type F SAT connector and female radio Ø 9,5 mm - supplied in package with common mechanism and front covers in different aesthetic finishes - 2 modules

**NOTE:** for an optimum use of the product, all the outputs must be used

### TV-RD SOCKET FOR CABLE OPERATOR

○ LN4211M2C



Double coaxial shunted socket for TV and FM-LMC reception - Ø 9.5mm - Belgium (Telenet operator) - 2 modules

### PLUG

○ S2133



Plugs, mobile TV jacks and terminal resistance Mobile TV plug and jack - Ø 9.5 mm - white - for TV + SAT jacks and N/NT4206D

○ 75RTN



Terminal resistance for line closing 75Ω impedance in installations with cascade connection - to be added to the last pass-through jack

Item

### STAR TV SOCKET

○ LN4202D



Star coaxial socket for single-user aerial systems, also remote powered and centralised, and single-user / centralised satellite systems with current and signal transfer for channels selection; shielded connection clamps with captive screws - Ø 9.5 mm; male connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

○ LN4202M2D

as above - 2 modules

### PASSTHROUGH TV SOCKET

○ LN4202P14



Passthrough coaxial socket, -14dB attenuation, for centralised TV systems, also remote powered, and centralised satellite systems with current and signal transfer for channels selection - shielded connection clamps with captive screws - Ø 9.5 mm; male connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

### TERMINAL TV SOCKET

○ LN4202P10



Terminal coaxial socket, -10dB attenuation, for centralised TV systems, also remote powered, and centralised satellite systems with current and signal transfer for channels selection; shielded connection clamps with captive screws - Ø 9,5 mm - male connector - incorporated impedance final adapter 75 Ω - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

### TYPE-F SAT SOCKET

○ LN4202F



Type-F coaxial socket - impedance 75 ohm - screw hook - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

**NOTE:** the photographs of the Axolute items represent the product code indicated to which one of the three front cover plates (white, tech or anthracite) available in the package is already fitted.



N4258/11N



N4237



NT4268ST



NT4268LC



NT4285



L4269R



L4284



N4294

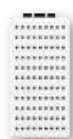
| Item  | RJ11 - RJ12 TELEPHONE CONNECTORS   |                 |
|---|--|-----------------|
|   | These connectors have been designed for meeting the requirements of telephone connections. |                 |
|   | Jack type  | Connection type |
| <input type="checkbox"/> N4258/11N<br><input type="checkbox"/> NT4258/11N<br><input type="checkbox"/> L4258/11N | RJ11   | K10             |
| (1) Connection type 110   |  |                 |

| TELEPHONE SOCKETS   |  |   |
|---|--|---|
| <input type="checkbox"/> N4237<br><input type="checkbox"/> NT4237<br><input type="checkbox"/> L4237 |  | telephone socket - Belgian standard<br>- 1 module                 |
| <input type="checkbox"/> N4238<br><input type="checkbox"/> NT4238<br><input type="checkbox"/> L4238 |  | telephone socket - Israeli standard without shutter<br>- 1 module |
| <input type="checkbox"/> N4238M<br><input type="checkbox"/> NT4238M                                 |  | master telephone socket UK standard<br>- 1 module                 |
| <input type="checkbox"/> N4238S<br><input type="checkbox"/> NT4238S                                 |  | secondary telephone socket UK standard<br>- 1 module              |

| CONNECTORS FOR OPTICAL FIBER CONNECTIONS  |  |   |
|---|--|---|
| <input type="checkbox"/> N4268ST<br><input type="checkbox"/> NT4268ST<br><input type="checkbox"/> L4268ST |  | coupling connector for optical fiber - ST cable socket - duplex<br>- 1 module |
| <input type="checkbox"/> N4268SC<br><input type="checkbox"/> NT4268SC<br><input type="checkbox"/> L4268SC |  | coupling connector for optical fiber - SC cable socket - duplex<br>- 1 module |
| <input type="checkbox"/> N4268LC<br><input type="checkbox"/> NT4268LC<br><input type="checkbox"/> L4268LC |  | connector for fiber - optic cable sealing and type LC - duplex<br>- 1 module  |

| Item   | AUDIO VIDEO CONNECTORS |  |
|--|------------------------|--|
| <input type="checkbox"/> N4269R<br><input type="checkbox"/> NT4269R<br><input type="checkbox"/> L4269R |                        | double RCA connector - red and yellow collars - terminations to be welded<br>- 1 module  |
| <input type="checkbox"/> N4294<br><input type="checkbox"/> NT4294<br><input type="checkbox"/> L4294    |                        | connector for loudspeakers<br>- 1 module   |
| <input type="checkbox"/> N4280<br><input type="checkbox"/> NT4280<br><input type="checkbox"/> L4280    |                        | connector - jack 3.5<br>- 1 module   |
| <input type="checkbox"/> N4281<br><input type="checkbox"/> NT4281<br><input type="checkbox"/> L4281    |                        | connector - RCA x 2<br>- 1 module  |
| <input type="checkbox"/> N4282<br><input type="checkbox"/> NT4282<br><input type="checkbox"/> L4282    |                        | connector - HD15<br>- 2 modules  |
| <input type="checkbox"/> N4283<br><input type="checkbox"/> NT4283<br><input type="checkbox"/> L4283    |                        | RCA x 3 connector<br>- 2 modules   |
| <input type="checkbox"/> N4284<br><input type="checkbox"/> NT4284<br><input type="checkbox"/> L4284    |                        | pre-connected HDMI 2.0 connector<br>- 2 modules  |
| DATA CONNECTOR   |                        |  |
| <input type="checkbox"/> N4285<br><input type="checkbox"/> NT4285<br><input type="checkbox"/> L4285    |                        | USB connector<br>- 1 module  |
| SPECIAL CONNECTORS   |                        |  |
| <input type="checkbox"/> N4291<br><input type="checkbox"/> NT4291<br><input type="checkbox"/> L4291    |                        | 2P mignon socket - tulip contacts Ø mm 3 - centre distance 13 mm - for auxiliary circuits and similar 6 A 24 V SELV - clamp connection<br>- 1 module |

## Audible signalling devices



N4351/12



NT4355/12



L4357/12

| Item  |  | <b>BELLS</b>  |
|---|--|---|
| <input type="checkbox"/> N4351/12<br><input checked="" type="checkbox"/> NT4351/12<br><input checked="" type="checkbox"/> L4351/12    |  | bronze bell 12 Va.c. - 5 VA - 80 dB<br>- 1 module   |
| <input type="checkbox"/> N4351/230<br><input checked="" type="checkbox"/> NT4351/230<br><input checked="" type="checkbox"/> L4351/230 |  | bronze bell 230 Va.c. - 8 VA - 80 dB - 50 and 60 Hz<br>- 1 module                               |
| <input type="checkbox"/> N4351/127<br><input checked="" type="checkbox"/> NT4351/127<br><input checked="" type="checkbox"/> L4351/127 |  | bronze bell 127 Va.c. - 8 VA - 80 dB<br>- 1 module  |
| <input type="checkbox"/> N4355/12<br><input checked="" type="checkbox"/> NT4355/12<br><input checked="" type="checkbox"/> L4355/12    |  | electronic bell - 3 different sounds - with front volume adjustment - 12 Va.c./d.c. - 2 modules |

|   |  | <b>BUZZERS</b>   |
|---|--|--|
| <input type="checkbox"/> N4356/12<br><input checked="" type="checkbox"/> NT4356/12<br><input checked="" type="checkbox"/> L4356/12    |  | buzzer 12 Va.c. - 5 VA - 74 dB<br>- 1 module                 |
| <input type="checkbox"/> N4356/230<br><input checked="" type="checkbox"/> NT4356/230<br><input checked="" type="checkbox"/> L4356/230 |  | buzzer 230 Va.c. - 8 VA - 75 dB - 50 and 60 Hz<br>- 1 module |
| <input type="checkbox"/> N4356/127<br><input checked="" type="checkbox"/> NT4356/127<br><input checked="" type="checkbox"/> L4356/127 |  | buzzer 127 Va.c. - 8 VA - 75 dB<br>- 1 module                |

## Luminous signalling devices



L4371V



N4371R



L4385/..



L4374V12V24

| Item  |  | <b>PILOT LIGHTS</b>  |
|---|--|--|
| <input type="checkbox"/> N4371T<br><input checked="" type="checkbox"/> NT4371T<br><input checked="" type="checkbox"/> L4371T    |  | lampholder with transparent diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T<br>- 1 module                     |
| <input type="checkbox"/> N4371R<br><input checked="" type="checkbox"/> NT4371R<br><input checked="" type="checkbox"/> L4371R    |  | lampholder with red diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T<br>- 1 module                             |
| <input type="checkbox"/> N4371V<br><input checked="" type="checkbox"/> NT4371V<br><input checked="" type="checkbox"/> L4371V    |  | lampholder with green diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T<br>- 1 module                           |
| <input type="checkbox"/> N4372AV<br><input checked="" type="checkbox"/> NT4372AV<br><input checked="" type="checkbox"/> L4372AV |  | double lampholder with 2 diffusers: 1 orange + 1 green - for 2 LED items LN4742V12T, LN4742V127T and LN4742V230T<br>- 1 module |

### OFF-DOOR LIGHT UNITS (WITH LAMP)

Note: for all models we recommend a mounting height between 160 and 205 cm (wall protrusion 52 mm)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> L4385/12R<br><input checked="" type="checkbox"/> L4385/12V<br><input checked="" type="checkbox"/> L4385/12B    |  | power supply 12 V - red (R), green (V), white (B)<br>- 1 module  |
| <input checked="" type="checkbox"/> L4385/24R<br><input checked="" type="checkbox"/> L4385/24V<br><input checked="" type="checkbox"/> L4385/24B    |  | power supply 24 V - red (R), green (V), white (B)<br>- 1 module  |
| <input checked="" type="checkbox"/> L4385/230R<br><input checked="" type="checkbox"/> L4385/230V<br><input checked="" type="checkbox"/> L4385/230B |  | power supply 230 V - red (R), green (V), white (B)<br>- 1 module |
| <input type="checkbox"/> L4745/12  |  | spare lamp E10 12 V - 5 W  |
| <input type="checkbox"/> L4745/24  |  | spare lamp E10 24 V - 5 W  |
| <input type="checkbox"/> L4745/230   |  | spare lamp E10 230 V - 5 W                                       |

### SIGNALLING LAMP

|                                      |  |   |
|--------------------------------------|--|---|
| <input type="checkbox"/> L4374V12V24 |  | signalling lamp with white light LED - 12/24 Va.c.<br>- 2 modules |
| <input type="checkbox"/> L4374/230   |  | signalling lamp with white light LED - 230 Va.c.<br>- 2 modules   |

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Lighting devices and emergency lamps



LN4380N



LN4361



L4382/230



NT4362

Item

#### REMOVABLE LAMP

○ LN4380N



Pull-out and rechargeable torch with automatic switching on device. - It lights up automatically when there is a power cut - push&pull pull-out system complete with recharge base - white light LED with high luminous efficiency - ON/OFF switch and SPOT pushbutton to increase the brightness when necessary - interchangeable Ni-MH batteries without "memory" effect - 2 hour life - low consumption in stand-by 0.4 W - 230 Va.c. power supply - 2 modules. Supplied with neutral base and front cover plates in white, tech, anthracite colours

○ 4380NB



spare batteries for removable torch

#### STEP MARKER LAMPS

○ L4382V12V24



Step marker lamps with white light LEDs - 12 - 24 Vac - on-off switch- 0.6 W at 12 Va.c. - 0.8 W at 24 Va.c.

○ L4382/230



Step marker lamps with white light LEDs - 230 Vac - on-off switch - 0.5 W

Items conform to BS EN 62 094-1

#### ROTATING LAMP 360°

○ LN4360



It is installed above a work place (kitchen, bedroom, desk ...) - Can be oriented by 360° for best lighting of the zone required - It can be controlled by a standard switch or an electronic switch without neutral, by a dimmer or an automatic switch with neutral - LED lamps - Consumption 2.8W - Luminous flux 70 lumen - life: approx. 50.000 hours - 2 modules - Supplied with neutral base and front cover plates in white, tech, anthracite colours

#### DIRECTIONAL STEPMARKER

○ LN4361

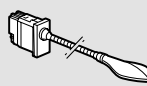


Allows you to create directional and decorative lighting. We recommend installation at 30 cm from the floor - It can be controlled by a standard switch or an electronic switch without neutral, by a dimmer or an automatic switch with neutral - LED lamp - Consumption 2.2W - Luminous flux 70 lumen - life: approx. 50.000 hours - 2 modules. Supplied with neutral base and front cover plates in white, tech, anthracite colours

Item

#### DIMMABLE READING LAMP

□ N4362  
■ NT4362  
■ L4362



It is installed at the bedhead giving directional lighting. It has a flexible arm so that the lighting arm can be directed. The brightness can be dimmed by pressing the integrated ON/OFF control for a long time. It can also be connected to a remote control and, if necessary, the integrated control can be disabled with a 30 sec. press. - LED lamp - 3W consumption - Luminous flux 110 lumen (equivalent to 15 W incandescence) - Life 40,000 hours - 1 module (flush-mounted). Cover supplied with device.

### Emergency lamps



L4384/1



LN4381



L4784/1 - L4784/3



L4386/1

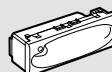
#### EMERGENCY LIGHTS

○ L4384/1



emergency light with automatic activation in case of power cut – voltage present notification LED - local disabling pushbutton - possibility of remote exclusion through a switch - rechargeable and replaceable nickel-cadmium battery - 1 h life - power supply 230 Va.c. - lamp power 1 W - 4 modules

○ L4386/1



emergency light as above - 1 h life - lamp power 1.3 W - 6 modules

○ LN4381



LED safety lamp with automatic operation when there is a power cut. 230 Va.c. 50/60 Hz – power consumption 2.5 VA (0.1 W) – rechargeable non-replaceable NiMH 3.6 V 140 mAh battery – complete charge in 48 hours - life 2 hours - maximum cable section 1 x 1.5 mm<sup>2</sup> - light intensity 2400 mcd - angle of emission 120° - not pull-out - 1 module

\*NOTE: If installed with AIR plates, it is necessary to use Box extension, to make easy the wiring

#### SPARE BATTERY

○ L4784/1



spare battery for Item L4384/1

○ L4786/1



spare battery for Item L4386/1



## Electrical safety devices



| Item   |  | <b>AUTOMATIC THERMAL MAGNETIC CIRCUIT BREAKERS</b>   |
|--|--|--|
| <input type="checkbox"/> N4301/6<br><input type="checkbox"/> NT4301/6<br><input type="checkbox"/> L4301/6    |  | two-pole automatic thermal magnetic circuit breakers with a 6 A 230 Va.c. protected pole - indicator of open/closed contacts - breaking capacity 1500 A 230 Va.c.  |
| <input type="checkbox"/> N4301/10<br><input type="checkbox"/> NT4301/10<br><input type="checkbox"/> L4301/10 |  | circuit breakers as above 10 A - breaking capacity 3000 A 230 Va.c.  |
| <input type="checkbox"/> N4301/16<br><input type="checkbox"/> NT4301/16<br><input type="checkbox"/> L4301/16 |  | circuit breakers as above 16 A - breaking capacity 3000 A 230 Va.c.  |
| <b>SALVAVITA</b>   |  |  |
| <input type="checkbox"/> N4305/6<br><input type="checkbox"/> NT4305/6<br><input type="checkbox"/> L4305/6    |  | Salvavita - two-pole automatic thermal magnetic circuit breakers with a protected pole $I\Delta n$ 10 mA - 6 A 230 Va.c. - indicator of open/closed contacts - test pushbutton- breaking capacity 1500 A 230 Va.c. - 2 modules                               |
| <input type="checkbox"/> N4305/10<br><input type="checkbox"/> NT4305/10<br><input type="checkbox"/> L4305/10 |  | Salvavita as above - 10 A - breaking capacity 3000 A 230 Va.c.   |
| <input type="checkbox"/> N4305/16<br><input type="checkbox"/> NT4305/16<br><input type="checkbox"/> L4305/16 |  | Salvavita as above - 16 A - breaking capacity 3000 A 230 Va.c.   |
| <b>INTERLOCKED SOCKETS</b>   |  |  |
| <input type="checkbox"/> N4311/10<br><input type="checkbox"/> NT4311/10<br><input type="checkbox"/> L4311/10 |  | 2 P+E socket with shielded tulip contacts 10 A - 230 Va.c. - protection index 2.1 - interlocked with two-pole automatic thermal magnetic circuit breaker- 10 A - breaking capacity 3000 A with 1 protected pole - 2 mod.                                     |
| <input type="checkbox"/> N4311/16<br><input type="checkbox"/> NT4311/16<br><input type="checkbox"/> L4311/16 |  | interlocked socket as above 16 A - 230 Va.c.   |
| <b>FUSE CARRIERS</b>   |  |  |
| <input type="checkbox"/> N4321<br><input type="checkbox"/> NT4321<br><input type="checkbox"/> L4321          |  | fuse carrier for fuses 5x20 and 6.3x 32 max 13A - 240 Va.c.  |
| <input type="checkbox"/> N4322<br><input type="checkbox"/> NT4322<br><input type="checkbox"/> L4322          |  | fuse carrier for fuses 8,5 x 31,5 mm - max 16A type T/...  |
| <b>SURGE PROTECTIVE DEVICES</b>  |  |  |
| <input type="checkbox"/> N4536<br><input type="checkbox"/> NT4536<br><input type="checkbox"/> L4536          |  | 1 P surge protective devices to be combined with the users mains socket - rated discharge voltage $I_n=1$ kA - max. current $I_{max}=2$ kA - max. protection voltage $U_p=1$ kV - rated voltage $U_n=110-230$ Va.c. - max. permanent voltage $U_c=250$ Va.c. |

## Blank plates and fuses



| Item  |  | <b>BLANK PLATES</b>   |
|---|--|---|
| <input type="checkbox"/> N4950<br><input type="checkbox"/> NT4950<br><input type="checkbox"/> L4950 |  | blank plate - 1 module  |
| <input type="checkbox"/> N4951<br><input type="checkbox"/> NT4951<br><input type="checkbox"/> L4951 |  | blank plate with knockout - 2 modules   |
| <input type="checkbox"/> N4952<br><input type="checkbox"/> L4952                                    |  | blank plate with clamp - 1 module   |
| <input type="checkbox"/> N4953<br><input type="checkbox"/> NT4953<br><input type="checkbox"/> L4953 |  | blank plate with output $\varnothing 9$ mm - 1 module   |
| <input type="checkbox"/> N4954<br><input type="checkbox"/> NT4954<br><input type="checkbox"/> L4954 |  | blank plate with output $\varnothing 9$ mm - with clamp - 2 modules   |
| <b>FLEX OUTLETS</b>   |  |   |
| Items conform to BS 5733  |  |   |
| <input type="checkbox"/> N4955/20<br><input type="checkbox"/> NT4955/20                             |  | - 20 A flex outlet frontplate unfused   |
| <input type="checkbox"/> N4955/45<br><input type="checkbox"/> NT4955/45                             |  | - 45 A flex outlet frontplate unfused   |
| <b>SCREW COVERING SEALS</b>   |  |   |
| <input type="checkbox"/> N4750  |  | screw covering seals for device-holder supports item LN4719, LN4703   |
| <b>CARTRIDGE FUSES</b>  |  |   |
| <input type="checkbox"/> T/...  |  | 4-6-10-16-20 A - 400 V - breaking capacity 50 KA ceramic body - $\varnothing 8.5 \times 31.5$ mm                  |
| <input type="checkbox"/> T1/...   |  | 4-6-10-16-20-25 A - 400 V - breaking capacity 50 KA ceramic body - $\varnothing 9 \times 36$ mm                   |
| <input type="checkbox"/> T0/...   |  | 2-4-6-10-16A - 250V - breaking capacity 1.5KA ceramic body for home series devices - $\varnothing 6 \times 28$ mm |

To be used with N4322, NT4322, L4322 fuse carrier  
**NOTE:** specify in the order the desired rated current

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Hotel offer range

This page lists the devices specifically intended for hotel room services. The BTicino hotel room offer range, and in more general terms for the hotel sector, includes however many more devices that are also used in other sectors, and are therefore listed in various sections throughout this catalogue. Some of them are, for example:

- comfort devices = light, curtain, and scenario controls with dedicated symbols. Also, thermostats, and temperature probes with knobs  
 - audio and video devices = connectors for every need, and sound signalling devices  
 - safety devices = step lights, and emergency lamps



LN4549



N4547



L4177



N4033



L4362



NT4915DD



NT4915MR



N4373H



N4028H



L4285C2

| Item     |  | <b>BADGE-HOLDER POCKET</b>   |
|----------|--|--|
| ○ LN4549 |  | key card switch for the power supply inside the hotel room - slot light with built-in lamp - 30 second switch-off delay - power supply 230 Va.c. - 2 modules - to be completed with front cover in the desired look                                  |
| ○ LN4548 |  | key card switch for the power supply inside the hotel room with RFID technology recognition - slot light with built-in lamp - 30 second switch off delay - power supply 230 Va.c. - 2 modules - to be completed with front cover in the desired look |

|                                 |  | <b>FRONT COVERS FOR BADGE-HOLDER POCKETS</b>                                |
|---------------------------------|--|---|
| <input type="checkbox"/> N4547  |  | Front cover for traditional badge-holder pocket or MyHOME - SCS - 2 modules |
| <input type="checkbox"/> NT4547 |  |   |
| <input type="checkbox"/> L4547  |  |   |
| <input type="checkbox"/> N4551  |  | Front cover for traditional badge-holder pocket or MyHOME - SCS - 3 modules |
| <input type="checkbox"/> NT4551 |  |   |
| <input type="checkbox"/> L4551  |  |   |

|                                     |  | <b>KEY COVER WITH SYMBOLS</b> |
|-------------------------------------|--|-------------------------------|
| <input type="checkbox"/> N4915DD    |  | do not disturb                |
| <input type="checkbox"/> NT4915DD   |  |                               |
| <input type="checkbox"/> L4915DD    |  |                               |
| <input type="checkbox"/> N4915MR    |  | rearrange the room            |
| <input type="checkbox"/> NT4915MR   |  |                               |
| <input type="checkbox"/> L4915MR    |  |                               |
| <input type="checkbox"/> N4915M2DD  |  | do not disturb - 2 modules    |
| <input type="checkbox"/> NT4915M2DD |  |                               |
| <input type="checkbox"/> L4915M2DD  |  |                               |

|                                  |  | <b>MAKE UP THE ROOM - DO NOT DISTURB</b>  |
|----------------------------------|--|---|
| <input type="checkbox"/> N4373H  |  | off-door lampholder with double optical signalling: DO NOT DISTURB - MAKE UP ROOM - 230V built in LEDs  |
| <input type="checkbox"/> NT4373H |  |   |
| <input type="checkbox"/> L4373H  |  |   |
| <input type="checkbox"/> N4028H  |  | changeover switch 1P 16A - 250V a.c. double pushbutton 1-0-2 for Hotel installation - room condition indication: "PLEASE DO NOT DISTURB" and "PLEASE MAKE UP THE ROOM". To use with pilot light item. Items conform to BS EN 60 669-1 |
| <input type="checkbox"/> NT4028H |  |   |
| <input type="checkbox"/> L4028H  |  |   |

| Item                                 |  | <b>KEY COVERS THAT CAN BE CUSTOMISED WITH DIFFUSERS</b>             |
|--------------------------------------|--|---|
| <input type="checkbox"/> N4915TN     |  | keycover for rocker controls, customizable with lightable diffusers |
| <input type="checkbox"/> NT4915TN    |  |   |
| <input type="checkbox"/> L4915TN     |  |   |
| <input type="checkbox"/> N4915SETBL  |  | kit of 50 diffusers bed light symbol                                |
| <input type="checkbox"/> NT4915SETBL |  |   |
| <input type="checkbox"/> L4915SETBL  |  |   |

|                                  |  | <b>SHAVER SOCKETS</b>   |
|----------------------------------|--|---|
| <input type="checkbox"/> N4177*  |  | shaver socket with insulation transformer - input voltage 230 Vac @ 50/60 Hz - output voltage 115/230 Vac 20 VA |
| <input type="checkbox"/> NT4177* |  |   |
| <input type="checkbox"/> L4177*  |  |   |

\*Note: when installed with Livinglight AIR, the use of the box extension is necessary, in order to make easy the wiring

|                                 |  | <b>CORD PUSHBUTTON</b>                         |
|---------------------------------|--|--|
| <input type="checkbox"/> N4033  |  | cord pushbutton 1 P NO 10 A for bathroom alarm |
| <input type="checkbox"/> NT4033 |  |  |
| <input type="checkbox"/> L4033  |  |  |

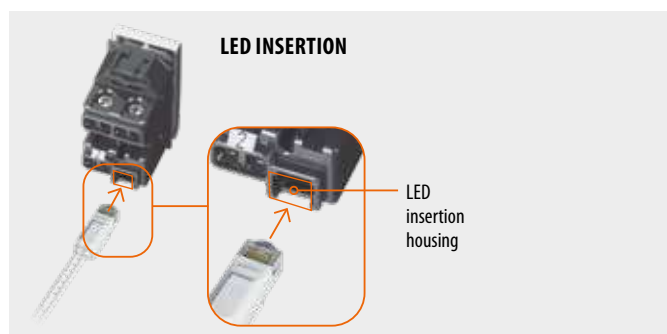
|                                 |  | <b>DIMMER READING LAMP</b>  |
|---------------------------------|--|---|
| <input type="checkbox"/> N4362  |  | It is installed at the bedhead giving directional lighting. It has a flexible arm so that the lighting arm can be directed. The brightness can be dimmed by pressing the integrated ON/OFF control for a long time. It can also be connected to a remote control and, if necessary, the integrated control can be disabled with a 30 sec. press. - LED lamp - 3W consumption - Luminous flux 110 lumen (equivalent to 15 W incandescence) - Life 40,000 hours - 1 module (flush-mounted). |
| <input type="checkbox"/> NT4362 |  |   |
| <input type="checkbox"/> L4362  |  |   |

|                                   |  | <b>USB CHARGERS</b>   |
|-----------------------------------|--|---|
| <input type="checkbox"/> N4285C   |  | 5 Vdc USB charger to be used only for recharging electronic devices up to 1,500 mA like mobile phones, smartphones, tablets and similar - 230 Vac power supply  |
| <input type="checkbox"/> NT4285C  |  |   |
| <input type="checkbox"/> L4285C   |  |   |
| <input type="checkbox"/> N4285C2  |  | 5 Vdc USB charger for quick charge of one single electronic device (mobile phones, smartphones, tablets or similar) up to 3,000 mA or simultaneous charging of two devices up to 1,200 mA - 110÷230 Vac 50÷60 Hz power supply |
| <input type="checkbox"/> NT4285C2 |  |   |
| <input type="checkbox"/> L4285C2  |  |   |

## LEDs for controls and pilot lights

| Item          | LEDs FOR ROCKER CONTROLS                           |
|---------------|--|
| LN4742V12T    |  |
| LN4742V230    |  |
| ○ LN4742V230B | LED for rocker controls 230 V - blue               |
| ○ LN4742V230  | LED for rocker controls 230 V - amber              |
| ○ LN4742V127  | LED for rocker controls 127 V - amber              |
| ○ LN4742V12   | LED for rocker controls 12 /24 V - amber           |
| ○ LN4742V230V | LED for rocker controls 230 V - green              |
| ○ LN4742V127V | LED for rocker controls 127 V - green              |
| ○ LN4742V12V  | LED for rocker controls 12 /24 V - green           |
| ○ LN4742V230T | white LED for pilot lights and BS 230 V devices    |
| ○ LN4742V127T | white LED for pilot lights and BS 127 V devices    |
| ○ LN4742V12T  | white LED for pilot lights and BS 12 /24 V devices |

| Item          | LEDs FOR AXIAL CONTROLS                 |
|---------------|---|
| ○ H4743/230B  | LED for axial controls 230 V - blue     |
| ○ H4743/12B   | LED for axial controls 12 /24 V - blue  |
| ○ LN4743/230T | LED for axial controls 230 V - white    |
| ○ LN4743/230V | LED for axial controls 230 V - green    |
| ○ LN4743/12T  | LED for axial controls 12 /24 V - white |
| ○ LN4743/230A | LED for axial controls 230 V - amber    |
| ○ LN4743/127A | LED for axial controls 127 V - amber    |
| ○ LN4743/12V  | LED for axial controls 12 /24 V - green |
| ○ LN4743/127T | LED for axial controls 127 V - white    |
| ○ LN4743/127V | LED for axial controls 127 V - green    |
| ○ LN4743/12A  | LED for axial controls 12 /24 V - amber |



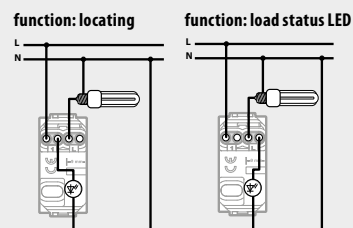
### LED SELECTION TABLE FOR DEVICE LIGHTING

| Lightable devices                              | LEDs for lighting    |
|--|----------------------|
| <b>Rocker control devices</b>                  |                      |
| Screw clamps                                   |                      |
| 1 module                                       | 2 modules            |
| L4001/0  |                      |
| L4003/0  |                      |
| LN4004   |                      |
| L4005/0  |                      |
| N/NT/L4001N                                    | N/NT/L4001M2N        |
| N/NT/L4003N                                    | N/NT/L4003M2N        |
| N/NT/L4004N                                    | N/NT/L4004M2N        |
| N/NT/L4005N                                    | N/NT/L4005M2N        |
| N/NT/L4002N                                    | N/NT/L4002M2N        |
| N/NT/L4044N                                    | N/NT/L4044M2N        |
| Automatic clamps                               |                      |
| 1 module                                       | 2 modules            |
| LN4001A  |                      |
| LN4003A  |                      |
| LN4005A  |                      |
| N/NT/L4001A                                    | N/NT/L4001M2A        |
| N/NT/L4003A                                    | N/NT/L4003M2A        |
| N/NT/L4005A                                    | N/NT/L4005M2A        |
| <b>Axial control devices</b>                   |                      |
| 1 module                                       | 2 modules            |
| N/NT/L4051A                                    | N/NT/L4051M2A        |
| N/NT/L4053A                                    | N/NT/L4053M2A        |
| N/NT/L4054A                                    | N/NT/L4054M2A        |
| N/NT/L4055A                                    | N/NT/L4055M2A        |
|  | LN4743/230T (230 V)  |
|  | LN4743/230V (230 V)  |
|  | LN4743/12T (12 V)    |
|  | LN4743/230A (230 V)  |
|  | LN4743/127A (127 V)  |
|  | LN4743/12V (12 V)    |
|  | LN4743/127T (127 V)  |
|  | LN4743/127V (127 V)  |
|  | LN4743/12A (12 V)    |
| <b>Pushbuttons with pilot light lampholder</b> |                      |
| 1 module                                       |                      |
| N/NT/L4038R                                    | LN4742V12T (12/24 V) |
| N/NT/L4038V                                    | LN4742V127T (127 V)  |
| LN4040   | LN4742V230T (230 V)  |
| <b>Pilot light lampholder</b>                  |                      |
| 1 module                                       |                      |
| N/NT/L4371T                                    | LN4742V12T (12/24 V) |
| N/NT/L4371R                                    | LN4742V127T (127 V)  |
| N/NT/L4371V                                    | LN4742V230T (230 V)  |
| N/NT/L4372AV (2 LED)                           |                      |
| N/NT/L4373H (2 LED)                            | LN4742V12T (12/24 V) |
| <b>British standard products</b>               |                      |
| N/NT/L4151                                     | LN4742V12T (12/24 V) |
| N/NT/L4152                                     | LN4742V127T (127 V)  |
| N/NT/L4153                                     | LN4742V230T (230 V)  |

### EXAMPLES OF LED CONNECTION ON A SWITCH

#### CONTROL BACKLIGHTING LED CONNECTION

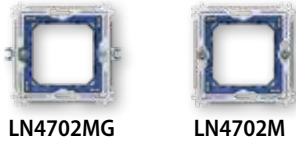
Note for the connection of 230 V.a.c. LEDs for the backlighting of control devices: when LEDs are fitted to help locate the control itself, it must be taken into account that energy saving and fluorescent lamps do not allow in series connection of the LED on the load. It is therefore necessary to also take a neutral conductor near the control, so that the LED may be connected directly between phase and neutral, and will always be on.



# Livinglight TRADITIONAL ELECTRICAL SYSTEM

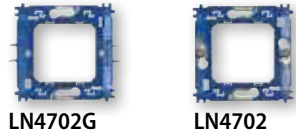
## Supports

### 2 MODULE AREA



LN4702MG

LN4702M



LN4702G

LN4702

### 3 MODULE AREA



L4702G

L4702

LN4719G\*

LN4719\*

\*(Installs with only cover plate art. LNA4819 ...)



LN4703

LN4704

LN4707

LN4726






| Item   | 2 MODULE AREA INSTALLATION - METALLIC SUPPORT |
|--|---|
| ○ LN4702MG                                   | 2 module support - clip fastening             |
| ○ LN4702M                                    | 2 module support - screw fastening            |
| 2 MODULE AREA INSTALLATION - PLASTIC SUPPORT |   |
| ○ LN4702G                                    | 2 module support - clip fastening             |
| ○ LN4702                                     | 2 module support - screw fastening            |

| Item      | 3 MODULE AREA INSTALLATION - PLASTIC SUPPORT                     |
|-----------|--|
| ○ L4702G  | 2 module support - clip fastening                                |
| ○ L4702   | 2 module support - screw fastening                               |
| ○ LN4719G | 2 central module support - for item LNA4819.. - clip fastening   |
| ○ LN4719  | 2 central module support - for item LNA4819... - screw fastening |
| ○ LN4703  | 3 module support - screw fastening                               |
| ○ LN4704  | 4 module support - screw fastening                               |
| ○ LN4707  | 7 module support - screw fastening                               |
| ○ LN4726  | 3+3 module support - screw fastening                             |



LN4782

LN4783

| Item     | PROTECTION SHEATHS  |
|----------|---|
| ○ LN4782 |  protection sheath for 2 module LIVING support item LN4702G and LN4702 - can be used during finishing plastering works |
| ○ LN4783 |  protection sheath as above for 3 module support item LN4703   |
| ○ LN4784 |  protection sheath as above for 4 module support item LN4704   |
| ○ LN4787 |  protection sheath as above for 7 module support item LN4707   |
| ○ LN4786 |  protection sheath as above for 3+3 module support item LN4726   |

| MATCHING TABLE BETWEEN SUPPORTS AND PROTECTION SHEATH |              |                             |                        |
|---|--------------|-----------------------------|------------------------|
|   | Support Item | Protection sheath to outfit | Protection sheath item |
| Livinglight   | LN4702MG     | YES                         |                        |
|   | LN4702M      | YES                         |                        |
|   | LN4702G      | NO                          | LN4782                 |
|   | LN4702       | NO                          | LN4782                 |
|   | L4702G       | NO                          |                        |
|   | L4702        | NO                          |                        |
|   | LN4719G      | NO                          |                        |
|   | LN4719       | NO                          |                        |
|   | LN4703       | NO                          | LN4783                 |
|   | LN4704       | NO                          | LN4784                 |
|   | LN4707       | NO                          | LN4787                 |
|   | LN4726       | NO                          | LN4786                 |

# Livinglight AIR

## TRADITIONAL ELECTRICAL SYSTEM

### Supports

#### 2 MODULE AREA



LN4702E

#### 3 MODULE AREA



LN4702C



LN4703C



LN4704C



LN4707C



LN4726C

| Item      | AIR - 2 MODULE AREA INSTALLATION SYSTEM  |
|-----------|--|
| ○ LN4702E | 2 module support for AIR cover plates series LNE...<br>- single use or 2+2 and 2+2+2 couplings modules |



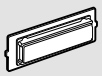
| Item      | AIR - 3 MODULE AREA INSTALLATION SYSTEM                                  |
|-----------|--|
| ○ LN4702C | 2 module support for AIR cover plates series LNC...<br>- screw fastening |
| ○ LN4703C | 3 module support for AIR cover plates LNC...<br>- screw fastening        |
| ○ LN4704C | 4 module support for AIR cover plates LNC...<br>- screw fastening        |
| ○ LN4707C | 7 module support for AIR cover plates LNC...<br>- screw fastening        |
| ○ LN4726C | 3+3 module support for AIR cover plates LNC...<br>- screw fastening      |



LN4783C



LN4784C

| Item      | PROTECTION SHEATHS   |
|-----------|--|
| ○ LN4783C |  protection sheath as above for 3 module support item LN4703C |
| ○ LN4784C |  protection sheath as above for 4 module support item LN4704C |
| ○ LN4787C |  protection sheath as above for 7 module support item LN4707C |

| MATCHING TABLE BETWEEN SUPPORTS AND PROTECTION SHEATH |              |                             |                        |
|---|--------------|-----------------------------|------------------------|
|   | Support Item | Protection sheath to outfit | Protection sheath item |
| Livinglight AIR                                       | LN4702E      | YES                         |                        |
|   | LN4702C      | NO                          |                        |
|   | LN4703C      | NO                          | LN4783C                |
|   | LN4704C      | NO                          | LN4784C                |
|   | LN4707C      | NO                          | LN4787C                |
|   | LN4726C      | NO                          |                        |

## Accessories



503CG



503EV



503DE



503ED

### ACCESSORIES

|          |  |   |
|----------|--|---|
| ○ 503CG  |  | protecting cover for flush mounted box item 503E - can be used during finishing plastering works                          |
| ○ 503EV  |  | resin internal divider for boxes item 503E - for the separation of data and power circuits                                |
| ○ 503EC  |  | front cover for flush mounted box item 503E - for closing when used as junction box - can be painted                      |
| ○ 504EC  |  | cover as above for boxes item 504E  |
| ○ 506EC  |  | cover as above for boxes item 506E  |
| ○ 503DE  |  | resin internal divider - for boxes item 504E  |
| ○ 503ED  |  | coupler for boxes 502E, 503E, 504E (horizontal and vertical) and box 506L (vertical only). Do not use with box extension. |
| ○ 500/02 |  | pair of 30 mm screws for the installation of the supports on boxes fitted below the wall plaster line                     |

### ACCESSORY FOR HOLLOW MILLING CUTTER

|         |  |   |
|---------|--|---|
| ○ PBD68 |  | disk-type cutter for the installation of plasterboard boxes |
|---------|--|---|

**Note:** PBD68 is an accessory used with the hollow milling cutter, diameter 68 mm, for the installation of BTicino boxes for plasterboard PBS... This disk creates a reduction which allows the box to be flush mounted with the wall.

## 3 module area installation system accessories



| Item     |  | BOX EXTENSION   |
|----------|--|---|
| ○ 503ESE |  | adapter, for increasing the depth of 503E flush mounted boxes |
| ○ 504ESE |  | adapter, for increasing the depth of 504E flush mounted boxes |
| ○ 506LSE |  | adapter, for increasing the depth of 506L flush mounted boxes |
| ○ 506ESE |  | adapter, for increasing the depth of 506E flush mounted boxes |

These adapters may be used when installing the box. They make wiring easier in case of several cables inside the same box, or for particularly deep devices.

### PRODUCTS FOR WHICH THE USE OF THE BOX EXTENSION IS NECESSARY, WHEN INSTALLED WITH LIVINGLIGHT AIR (3 MODULE INSTALLATION SYSTEM)

| Box extension  | Products to combine                                      | Item   |
|----------------|--|--|
| 10 A 2 modules | resistive dimmer with built-in two-way switch - 1 module | <input type="checkbox"/> N4402N<br><input type="checkbox"/> NT4402N<br><input type="checkbox"/> L4402N       |
|                | 1 module resistive dimmer                                | <input type="checkbox"/> N4406<br><input type="checkbox"/> NT4406<br><input type="checkbox"/> L4406          |
|                | 10 A 1 module axial pushbutton + MH BASIC interface      | <input type="checkbox"/> N4055A<br><input type="checkbox"/> NT4055A<br><input type="checkbox"/> L4055A       |
|                | 10 A 2 module axial pushbutton + MH BASIC interface      | <input type="checkbox"/> N4055M2A<br><input type="checkbox"/> NT4055M2A<br><input type="checkbox"/> L4055M2A |
|                | 230 Va.c. shaver socket                                  | <input type="checkbox"/> N4177<br><input type="checkbox"/> NT4177<br><input type="checkbox"/> L4177          |

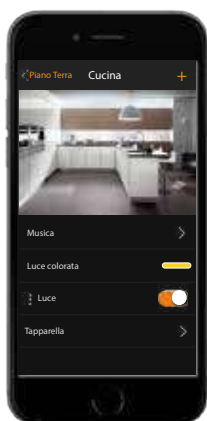
### SURROUND PLATES FOR LIVINGLIGHT AIR (3 MODULE INSTALLATION SYSTEM)

In case of refurbishment using existing boxes (with minimum depth 50 mm) **the box extension cannot be used**. The following is therefore recommended:

|          |  |   |
|----------|--|---|
| ○ 503ESC |  | surround plate for the installation of LIVINGLIGHT AIR on existing 503E flush mounted box |
| ○ 504ESC |  | surround plate for the installation of LIVINGLIGHT AIR on existing 504E flush mounted box |
| ○ 506LSC |  | surround plate for the installation of LIVINGLIGHT AIR on existing 506L flush mounted box |
| ○ 506ESC |  | surround plate for the installation of LIVINGLIGHT AIR on existing 506E flush mounted box |



## LIVINGLIGHT MyHOME\_Up



Thanks to MyHOME\_Up technology, it is possible to design electric systems with new more advance performances in terms of comfort, safety, energy saving, audio/video communication, local or remote control.

LIVINGLIGHT MyHOME\_Up is based on the use of one single system technology, the digital Bus, which can be applied in all residential solutions. The system can be expanded at any time and can be integrated with systems and devices with different communication protocols.

# Livinglight

## MyHOME\_UP SYSTEM

### Integration and control




MyHOME Server1





3488




F429



| Item  | CONTROL SERVER USING THE APP  |
|---|---|
| <input type="radio"/> MyHOME Server1<br> | server to associate devices during the system starting-up and for the local and remote management of the functions by the user with the specific MyHOME_Up application for Android and iOS smartphones or tablets.    |
| <input type="radio"/> MHSEVERKIT<br>  | <b>MyHOME Server1 KIT</b><br>kit containing MyHOME Server1 and Access Point for communication between the MyHOME_Up system to which it is connected, and a smartphone or tablet where the MyHome-Up App is installed. |

**Note:** For the details of the products managed by MyHome\_Up and the compatible products, see the corresponding guide.

| Item   | SCS/DALI INTERFACE   |
|--|--|
| <input type="radio"/> F429<br> | DALI dimmer, 8 independent outputs with maximum load 16 ballast at 230 Vac, pushbutton for load direct control - 6 DIN modules |
| <input type="radio"/> F459<br> | <b>DRIVER MANAGER</b><br>integration platform with other brand systems - 6 DIN modules   |

Contact the BTicino System Integration Service to check the feasibility of specific integrations and to request the licence needed to use the Driver manager

|   | HOMETOUCH - TOUCH SCREEN 7"   |
|---|---|
| <input type="checkbox"/> 3488W<br><input checked="" type="checkbox"/> 3488<br> | <b>HOMETOUCH - TOUCH SCREEN 7"</b><br>HOMETOUCH - Touch Screen 7" for the management of all MyHOME_Up functions, that can be integrated with the video door entry system and with indoor and outdoor Netatmo cameras, to be used as connected internal unit. To use the home automation functions, configuration is not necessary. It is possible to display the MyHOME_Up system status and control the integrated functions (lights, automation, scenarios, temperature management, Nuvo music system, ...). Thanks to the "DOOR ENTRY for HOMETOUCH" application, available both for Android and iOS operating systems, it is also possible to manage the video door entry functions of a BTicino 2 wires system using the 7" capacitive display or the Smartphone. Flush mounted installation with box for masonry walls (item 3487) or wall mounted installation with the supplied metal bracket. Available in tech grey and in white. |

|   | BOX FOR FLUSH MOUNTED INSTALLATION   |
|---|--|
| <input type="radio"/> 3487<br>   | box for flush mounted installation of the HOMETOUCH Touch screen item 3488 and 3488W. Width 197 mm, height 148 mm and depth 52 mm. |
| <input type="radio"/> 3487AP<br> | support for flush mounted installation on plasterboard walls of the HOMETOUCH Touch screen item 3488 and 3488W.                    |



## Lights and shutter automation



L4652/2



L4652/3



L4680



F428



F425

| Item                                  |  | <b>CONTROLS FOR SINGLE OR DOUBLE LOADS</b>  |
|---------------------------------------|--|---|
| ○ L4652/2                             |  | control which can drive a single actuator for single or double loads or two actuators for single loads or independent double loads – to be completed with 1 2-module key cover for controls with one or two functions or 2 1-module key covers with one or two functions - 2 modules  |
| ○ L4652/3                             |  | control which can drive three actuators for single or double loads or two actuators for single loads or independent double loads – to be completed with 3 1-module key covers for controls with one or two functions - 3 modules  |
| <b>CONTROL FOR SHUTTER MANAGEMENT</b> |  |   |
| ○ LN4660M2                            |  | 2 module flush mounted control with reduced thickness with 3 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the device also places the shutter in a stored (PRESET) position. Only suitable for operation with advanced actuators LN4661M2 and F401, specific for the management of shutters.   |
| <b>CONTROL FOR SPECIAL FUNCTIONS</b>  |  |   |
| ○ L4651M2                             |  | special control – can drive an actuator performing all the standard functions of a control and in addition some special functions: activation of 4 scenarios, timings, activation of an actuator installed on a different bus than the control, selection of the fixed adjustment level and the dimmer soft-start and soft-stop speed, sound system, door lock switching on control, call to the floor and switching on staircase light control and management of auxiliary channels. To be completed with 1 or 2-module key covers with one or two functions - 2 modules |

| Item   |  | <b>SCENARIO CONTROL</b>  |
|--|--|--|
| <input type="checkbox"/> N4680<br><input type="checkbox"/> NT4680<br><input checked="" type="checkbox"/> L4680 |  | customisable scenario control for the activation of up to 4 Automation, Temperature Control and Sound System independent scenarios saved in the F420 scenario module - 2 modules.  |
| ○ LN4652   |  | 8-KEY control for light management, shutter automation, sound system and scenarios - SCS-BUS connection - sizes: 2 modules<br><br>A5 sheets for the customisation of the control symbols item LN4652.<br>The sheets can be customised using the tool found in the MyHOME_Suite configuration software.                   |
| ○ 3541   |  | black  |
| ○ 3542   |  | white  |
| <b>HOME-AUTOMATION HINGE</b>   |  |  |
| ○ 4911TDM  |  | accessory for the installation of 2-module key covers on devices installed in 503E box   |
| <b>CONTACT INTERFACE</b>   |  |  |
| ○ 3477   |  | basic module control interface with 2 independent contacts for the control of 2 actuators for single function loads, or 1 actuator for double function loads (shutters) – the inputs accepts two traditional switches or pushbuttons with NO and NC contact, or a traditional two-way switch, or interlocked pushbuttons |
| ○ F428   |  | as above - 2 DIN modules   |
| <b>MEMORY MODULE</b>   |  |  |
| ○ F425   |  | module for saving the status of the actuators - to reset the light Automation system in case of blackout - 2 lowered DIN modules   |

# Livinglight

## MyHOME\_UP SYSTEM

### Lights and shutter automation



LN4672M2



3476

Item

#### LIGHT AND SHUTTER CONTROL/ACTUATOR

○ LN4672M2



actuator/control with 2 independent relays - for single, double or mixed loads: 1380 W resistive, 1380 W incandescence lamps, 460 W for reducer motors, 460 VA  $\cos\phi$  0.5 for ferromagnetic transformers and 250 W for fluorescent lamps - logic relay interlock via configuration. The device can be also configured to manage a remote actuator - 2 modules.

Item

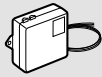
#### SHUTTER CONTROL/ACTUATOR

○ LN4661M2



2 module flush mounted actuator with 2 internal relays and 4 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the actuator also places the shutter in a stored (PRESET) position. To be combined with control devices LN4660M2

○ 3476



#### LIGHT CONTROL/ACTUATOR

1 relay actuator - for single loads: 2 A resistive or incandescence lamps, 2 A  $\cos\phi$  0.5 for ferromagnetic transformers - a traditional pushbutton with NO contact accepted in input

| LOADS THAT CAN BE DRIVEN (230 Va.c. 50/60 Hz) |   |                      |  |                           |                                       |   |   |
|---|---|----------------------|--|---------------------------|---------------------------------------|---|---|
| Actuators                                     | Type  |                      |  |                           |                                       |   |   |
|   |   |                      |  |                           |                                       |   |   |
|   | Energy saving incandescence and halogen lamps | LED lamps            | Linear fluorescent lamps <sup>1)</sup> | Compact fluorescent lamps | Electronic transformers <sup>3)</sup> | Ferromagnetic transformers <sup>2) 3)</sup> | Reducer motors for shutters <sup>4)</sup> |
| LN4672M2                                      | 1380 W  | 250 W<br>Max 2 lamps | 250 VA                                 | 250 W<br>Max 2 lamps      | 460 W                                 | 460 VA                                      | 460 W                                     |
| 3476  | 2 A<br>460 W                                  | 40 W<br>Max 1 lamp   | -                                      | 40 W<br>Max 1 lamp        | -                                     | 2 A $\cos\phi$ 0,5<br>460 VA                | -   |
| LN4661M2                                      | -   | -                    | -                                      | -                         | -                                     | -   | 2 A 250 Va.c.                             |

#### Notes:

- 1) Power factor corrected fluorescent lamps, discharge lamps.
- 2) Account must be taken of the transformer yield to calculate the effective power of the load connected to the actuator. For example if a dimmer is connected to a 100 VA ferromagnetic transformer with yield 0.8, the effective power of the load will be 125 VA.
- 3) The transformer must be loaded at its rated power and however never less than 90% of this power. It is preferable to use a single transformer rather than several transformers in parallel. For example it is better to use a single 250 VA transformer with 5 50W spotlights connected rather than use 5 50 VA transformers in parallel each with a 50 W spotlight.
- 4) The symbol on the actuators refers to the shutter reducer motors.



F411U2



F411/4



BMSW1003



F401

| Item     | ACTUATORS FOR CENTRALISATIONS |   |
|----------|-------------------------------|---|
| ○ F411U2 |                               | actuator with 2 independent relays – for single and double loads: 10 A resistive and 6 A incandescence lamps, 500 W for reducer motors, 2 A $\cos\phi$ 0.5 for ferromagnetic transformers and 250 W for fluorescent lamps - logic relay interlock via configuration - it has "Zero crossing" technology - 2 DIN modules |
| ○ F411/4 |                               | actuator with 4 independent relays - for single, double or mixed loads: 2 A resistive, 2 A incandescence lamps, 500 W for reducer motors, 2 A $\cos\phi$ 0,5 for ferromagnetic transformers and 70 W for fluorescent lamps - logic relay interlock via configuration - 2 DIN modules                                    |

| Item       | ACTUATORS FOR CENTRALISATIONS |   |
|------------|-------------------------------|---|
| ○ BMSW1003 |                               | ON/OFF actuator, 4 independent outputs with maximum load 16 A at 230 Va.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, pushbuttons for load direct control - zero-crossing function - 6 DIN modules |
| ○ BMSW1005 |                               | ON/OFF actuator, "Zero Crossing" technology, 8 independent outputs with maximum load 16 A at 230 V a.c., clamp connection, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbuttons for load direct control - 10 DIN modules    |
| ○ F401     |                               | actuator with 2 internal relays and 4 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the actuator also places the shutter in a stored (PRESET) position - 2 DIN modules   |

| LOADS THAT CAN BE DRIVEN (250 Va.c. 50/60 Hz) |   |                      |  |                           |                                       |   |   |
|---|---|----------------------|--|---------------------------|---------------------------------------|---|---|
| Actuators                                     | Type  |                      |  |                           |                                       |   |   |
|   |   |                      |  |                           |                                       |   |   |
|   | Energy saving incandescence and halogen lamps | LED lamps            | Linear fluorescent lamps <sup>1)</sup> | Compact fluorescent lamps | Electronic transformers <sup>3)</sup> | Ferromagnetic transformers <sup>2) 3)</sup> | Reducer motors for shutters <sup>4)</sup> |
| F411U2  | 10 A<br>1380 W                                | 250 W<br>Max 4 lamps | 4 A<br>230 W                           | 250 W<br>Max 4 lamps      | 4 A<br>230 W                          | 4 A $\cos\phi$ 0,5<br>460 VA                | 2 A<br>460 W                              |
| F411/4  | 2 A<br>460 W                                  | 70 W<br>Max 2 lamps  | 0.3 A<br>70 W                          | 70 W<br>Max 2 lamps       | 0.3 A<br>70 W                         | 2 A $\cos\phi$ 0,5<br>460 VA                | 2 A<br>460 W                              |
| BMSW1003                                      | 16 A<br>3680 W                                | 2.1 A<br>500 VA      | 10 X (2 X 36 W)<br>4.3 A               | 1150 W<br>5 A             | 16 A<br>3680 W                        | 16 A<br>3680 W                              | -   |
| BMSW1005                                      | 16 A<br>3680 W                                | 2.1 A<br>500 VA      | 4.3 A<br>10X2X36 W                     | 5 A<br>1150 VA            | 16 A<br>3680 W                        | 16 A<br>3680 W                              | -   |
| F401  |   |                      |  |                           |                                       |   | 2 A 250 Va.c.                             |

**Notes:**

- 1) Power factor corrected fluorescent lamps, discharge lamps.
- 2) Account must be taken of the transformer yield to calculate the effective power of the load connected to the actuator. For example if a dimmer is connected to a 100 VA ferromagnetic transformer with yield 0.8, the effective power of the load will be 125 VA.
- 3) The transformer must be loaded at its rated power and however never less than 90% of this power. It is preferable to use a single transformer rather than several transformers in parallel. For example it is better to use a single 250 VA transformer with 5 50W spotlights connected rather than use 5 50 VA transformers in parallel each with a 50 W spotlight.
- 4) The symbol on the actuators refers to the shutter reducer motors.

# Livinglight

## MyHOME\_UP SYSTEM

### Lights and shutter automation



F413N



BMD11002




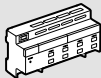

F429





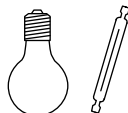
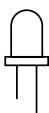
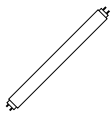
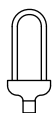
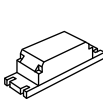

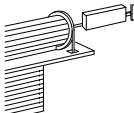
F416U1




F418U2

| Item       | DIMMERS FOR CENTRALISATIONS  |  |
|------------|--|--|
| ○ F413N    |   | 1-output dimmer to supply fluorescent lamps or LED sources with input 1-10 V for single loads up to 2.5 A at 230 Va.c. – type of screw connection - power supply 27 Vd.c. – absorption 30 mA – max 10 ballast that can be connected (clamps 1-2) - with pushbutton for load direct control - version for fastening on DIN rail - 2 modules |
| ○ BMD11002 |   | 1/10V dimmer, “Zero Crossing” technology, 4 outputs with maximum load 4.3 A at 230 V a.c., clamp connection, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbuttons for load direct control - 10 DIN modules   |
| ○ F429     |  | DALI dimmer with 8 independent outputs for the connection of up to 16 DALI reactors for each output – 230 V a.c. power supply 50/60 Hz; 110 - 240 Vd.c. – absorption 5 mA - with pushbutton for load direct control - version for fastening on DIN rail - 6 modules  |

| Item     | MULTI-LOAD DIMMERS FOR CENTRALISATIONS   |   |
|----------|--|---|
| ○ F416U1 |  | multi-load dimmer, 1 output with maximum load 4.3 A at 230 Va.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, pushbutton for load direct control - 6 DIN modules   |
| ○ F418U2 |  | two-channel dimmer for the management of dimmer LEDs, dimmer compact fluorescent lamps (CFL), energy saving halogen lamps and electronic transformers at 110-230V. Possibility of parallelisation of the two channels to increase the maximum power which can be managed. power supply 27 Vd.c., absorption 18 mA - version for fastening on DIN rail - 4 modules |

| LOADS THAT CAN BE DRIVEN (230 Va.c. 50/60 HZ) |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| Actuators                                     | Type  |   |   |   |   |   |   |
|   |  |  |  |  |  |  |  |
|   | Energy saving incandescence and halogen lamps                                       | LED lamps   | Linear fluorescent lamps <sup>1)</sup>  | Compact fluorescent lamps   | Electronic transformers <sup>3)</sup>   | Ferromagnetic transformers <sup>2) 3)</sup>   | Reducer motors for shutters <sup>4)</sup>   |
| <b>BMD11002</b>                               | Dimmer for ballast - 4 x 4.3 A outputs - 4x 1000VA@ 230 Vac - 4x500VA@ 230 Vac      |   |   |   |   |   |   |
| <b>F413N</b>                                  | -   | -   | 2 A 460 W <sup>5)</sup><br>Max 10 ballast, type T5, T8, compact or driver for LED   | -   | -   | -   | -   |
| <b>F416U1</b>                                 | 4.3 A<br>40 - 1000 W  | -   | -   | -   | 4.3 A<br>40 - 1000 W  | 4.3 A<br>40 - 1000 W  | -   |
| <b>F418U2</b>                                 | 2x300 W   | 2x300 VA  | -   | 2x300 VA  | 2x300 VA  | 2x300 VA  | -   |
| <b>F429</b>                                   | SCS/DALI dimmer interface - 8 x16 ballast   |   |   |   |   |   |   |

#### Notes:

- 1) Power factor corrected fluorescent lamps, discharge lamps. 2) Account must be taken of the transformer yield to calculate the effective power of the load connected to the actuator. For example if a dimmer is connected to a 100 VA ferromagnetic transformer with yield 0.8, the effective power of the load will be 125 VA.
- 3) The transformer must be loaded at its rated power and however never less than 90% of this power. It is preferable to use a single transformer rather than several transformers in parallel. For example it is better to use a single 250 VA transformer with 5 50W spotlights connected rather than use 5 50 VA transformers in parallel each with a 50 W spotlight.
- 4) The  symbol on the actuators refers to the shutter reducer motors. 5) Only compatible with lamps with 1/10 V ballast.



## Light sensor



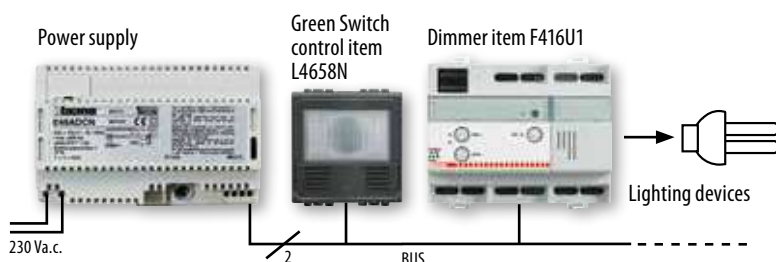
L4658N



N4659N

| Item   | PIR+US DOUBLE TECHNOLOGY GREEN SWITCH   | Item   | PIR PASSIVE INFRARED GREEN SWITCH   |
|--|---|--|---|
| <input type="checkbox"/> N4658N<br><input type="checkbox"/> NT4658N<br><input type="checkbox"/> L4658N |  <p>Green Switch: double technology presence sensor, passive IR and ultrasound (PIR+US), suitable for the detection of presence in working areas (offices, meeting rooms). With manual ON/OFF pushbutton. Operating mode (automatic or manual), time delay (5 s to 59 min), and brightness threshold (20 to 1275 LUX) settable using the advanced/basic (BMS04001/BMS04003) configuration remote control; physical or virtual configuration. 2 modules</p> | <input type="checkbox"/> N4659N<br><input type="checkbox"/> NT4659N<br><input type="checkbox"/> L4659N |  <p>Green Switch: passive IR (PIR) sensor, suitable for the detection of presence in transit areas (corridors, toilets, service rooms). Operating mode (automatic or manual), time delay (5 s to 59min), and brightness threshold (20 to 1275 LUX) settable using the advanced/basic (BMS04001/BMS04003) configuration remote control; physical or virtual configuration. 2 modules</p> |

### DIAGRAM FOR THE USE OF THE GREEN SWITCH, ITEM L/N/NT4658N



### ECO MODE

Manual load activation and automatic switch off managed by the dimmer/actuator based on the detection of the presence of people and the desired level of illumination detected by the control, item L4658N. The function of the control is first of all to activate the automatism of the dimmer/actuator: upon first pressure, the sensor compares the desired light level with the actual light level of the room, and ascertains if the light should be switched on or not. A subsequent pressure of the control forces the switching ON or OFF of the automatism determined by the dimmer/actuator.

# Livinglight

## MyHOME\_UP SYSTEM

### Light sensor



BMSE3001



BMSE3003



0 488 34



BMSO4001



BMSO4003

| Item       | LIGHTING/MOVEMENT SENSORS |   |
|------------|---------------------------|---|
| ○ BMSE3001 |                           | passive infrared SCS sensor for the detection of movement and the lighting level. Ceiling flush mounted installation using springs or installation boxes; surface installation using surface installation box, item 048875; IP20 protection index; RJ45 clamp connection; 8 m (50 m2) diameter coverage area for a 2.5 m installation height, maximum installation height 6 m; 27 V d.c. power supply from bus, absorption 12 mA; regulation with basic/advanced remote control (BMSO4003 and BMSO4001) or through configuration software, of the lighting level, from 5 to 1275 LUX, of the time delay, from 30 s to 255 h, and of the main operating parameters; Push&Learn pushbutton  |
| ○ BMSE3003 |                           | double technology SCS sensor: passive infrared for the detection of presence and the lighting level. Ceiling flush mounted installation using springs or installation boxes; surface installation using surface installation box, item 048875; IP20 protection index; RJ45 clamp connection; 8 m diameter (50 m2) infrared coverage area for a 2.5 m installation height, 11 mm diameter (95 m2) ultrasound coverage area for a 2.5 m installation height, maximum installation height 6 m; 27 V d.c. power supply from BUS, absorption 17 mA; regulation with basic/advanced remote control (BMSO4003 and BMSO4001), or through configuration software, of the lighting level, from 5 to 1275 LUX, of the delay, from 30 s to 255 h, and of the main operating parameters; Push&Learn pushbutton |
| ○ 048834   |                           | IP55 passive IR (PIR) movement sensor, suitable for the detection of movement in outdoor or indoor transit areas (corridors, cellars, garage paths). Coverage area: 140° x 15m at 2.5m high. Operating mode (automatic or manual), time delay (5 s to 59min), and brightness threshold (20 to 1275 LUX) settable using the advanced/basic (BMSO4001/BMSO4003) configuration remote control; physical or virtual configuration. Wall or angular installation by means of accessory item 048971   |

| Item       | CONFIGURATION REMOTE CONTROLS |  |
|------------|-------------------------------|--|
| ○ BMSO4001 |                               | the advanced configuration remote control, with IR transmitter and receiver, adjusts the main operating parameters of: Switch Sensor, Green Switch and SCS compatible sensors. With display for the acquisition of the parameters set on the sensors and to modify them. Batteries charged by USB mini port. |
| ○ BMSO4003 |                               | the basic configuration remote control, with IR transmitter, adjusts the main operating parameters of: Switch Sensor, Green Switch and SCS compatible sensors. Modification of parameters only possible for preset values, battery recharge not available  |

| INSTALLATION ACCESSORIES |  |
|--------------------------|--|
| ○ 048875                 | ceiling mounted box compatible with the sensors: BMSE3001 and BMSE3003, IP20 protection index, dimensions Ø 100 x 50 mm        |
| ○ 048971                 | angle installation accessory, compatible with the 048834 accessory, IP42 protection index, dimensions (hxlxd) 115 x 75 x 40 mm |

#### FEATURES OF THE LIGHTING/MOVEMENT SENSORS


| SCS SENSORS            | 048834               | BMSE3001                       | BMSE3003 |
|------------------------|----------------------|--------------------------------|----------|
| INSTALLATION           | wall mounted         | ceiling flush mounted          |          |
| TYPE OF OPERATION      | AUTO/ECO/WALKTHROUGH | AUTO/ECO/WALKTHROUGH           |          |
| SENSOR TECHNOLOGY      | PIR                  | PIR                            | PIR+US   |
| POWER SUPPLY           | 27 V d.c. from Bus   | 27 V d.c. from Bus             |          |
| PROTECTION INDEX       | IP55                 | IP20                           |          |
| COVERAGE AREA AT 2.5 m | 15 m x 6 m           | Ø 8 m                          | Ø 11 m   |
| COVERAGE ANGLES (v/h)  | 45°/140°             | 90°/360°                       |          |
| LIGHTING LEVEL         | 5 lux - 1275 lux     | 5 lux - 1275 lux               |          |
| SWITCHING OFF DELAY    | 5 s - 59 min - 59 h  | 30 s - 255 h - 59 min - 59 sec |          |
| FACTORY ADJUSTMENTS    | 300 lux - 15 min     | 300 lux - 15 min               |          |
| CONNECTION TYPE        | SCS clamp            | RJ45 connector                 |          |


## Temperature control



**LN4691**

**N4693**




**3454**

| Item     |   | <b>PROBE WITH DISPLAY</b>  |
|----------|---|--|
| ○ LN4691 |  | flush mounted device with backlit display. It can be used to control the temperature of an individual zone, irrespective of a temperature control central unit being installed as part of the system or not. It has a temperature probe and an input for the connection of a contact line (e.g. window contact). It can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used. Possibility of automatic operation (summer/winter) with compatible systems. bus SCS connection – 2 modules. |

|          |  | <b>SLAVE PROBE</b>   |
|----------|--|--|
| □ N4693  |  | probe to control the room temperature for heating and cooling systems – temperature measurement range 3–40 °C<br>- 2 modules |
| ■ NT4693 |  |  |
| ■ L4693  |  |  |

| Item   |  | <b>PROBE WITHOUT DISPLAY</b>   |
|--------|--|--|
| ○ 3454 |  | temperature probe in basic module with wired sensor - to be associated to the temperature sensor item 3457 and Vantage probe item 8051 |

|        |  | <b>ACCESSORIES</b>  |
|--------|--|---|
| ○ 3457 |  | temperature probe to be associated to the probe item 3454 |

|             |   | <b>ACTUATORS</b>   |
|-------------|---|--|
| ○ F430/2    |    | actuator with 2 independent relays – for single and double loads: 6 A resistive, 2A motor driven valves and pumps - configuration based logic relay interlock - 2 DIN modules  |
| ○ F430/4    |   | actuator with 4 independent relays - for single, double or mixed loads: 4 A resistive, 1 A motor driven valves, pumps and fan coils - configuration based logic relay interlock - 2 DIN modules  |
| ○ F430R8    |   | actuator with 8 independent relays for the control of on-off valves, motorised valves (open-close and three points), pumps and fan coils with 2 and 4 tubes - 4A resistive, 1A motor valves, pumps and fan-coils- SCS-bus connection - 4 DIN modules |
| ○ F430R3V10 |   | actuator with 3 independent relays and 2 x 0-10 Volts outputs for the control of fan coils with 2 and 4 tubes with proportional 0-10 Volt valves - 4A resistive, 1A fan coil - SCS-BUS connection - 4 DIN modules                                    |
| ○ F430V10   |  | actuator with 2 x 0-10 Volt outputs for the control of 0-10 proportional valves - SCS-BUS connection - 2 DIN modules   |

# Livinglight

## MyHOME\_UP SYSTEM

### Energy Management



| Item   | CONSUMPTION DISPLAY |   |
|--------|---------------------|---|
| ○ F520 |                     | meter for the measurement of electricity on a maximum of 3 lines, by connecting 3 toroids to the appropriate inputs. Version for fastening on DIN rail - 1 module.<br>The device is fitted with 1 toroid. |
| ○ 3523 |                     | Additional electricity meter toroid, item F520 and for actuator with sensor, item F522 for the measurement of the earth leakage current. Cable length 400 mm.   |

| Item   | LOAD CONTROL MANAGEMENT |   |
|--------|-------------------------|---|
| ○ F521 |                         | central unit for the management and control of the actuators of the load control system, to prevent the risk of detachment of the limiter of the electricity supplier. The central unit manages up to 63 loads, a contract power between 1.5 and 18 kW, and tolerance up to +/- 20%. It integrates an electricity meter for the controlled line. Version for fastening on DIN rail - 1 module.<br>The device is fitted with 1 toroid.                                     |
| ○ F522 |                         | actuator with integrated current sensor for the measurement of the controlled load consumptions. 1 relay - 10 A for incandescence lamps and 4 A for fluorescent lamps or ferromagnetic transformers, and 500 W for compact fluorescent and LED lamps - Bistable relay with zero crossing for the Automation and/or Load control management functions. Version for fastening on DIN rail - 1 module. Earth leakage control by connecting the additional toroid, item 3523. |
| ○ F523 |                         | 1 relay actuator - for incandescence lamps and 4 A for fluorescent lamps or ferromagnetic transformers, and 500 W for compact fluorescent and LED lamps - bistable relay with zero crossing for the Automation and/or Load control management functions. Version for fastening on DIN rail - 1 module.  |

| Item   | LOAD CONTROL MANAGEMENT |  |
|--|-------------------------|--|
| <input type="checkbox"/> N4672N<br><input checked="" type="checkbox"/> NT4672N<br><input checked="" type="checkbox"/> L4672N |                         | 1 relay actuator - 10 A for incandescence lamps and 4 A for fluorescent lamps or ferromagnetic transformers, and 500 W for compact fluorescent and LED lamps for the Automation and/or Load control management functions. Pushbutton for forced load operation - flush mounted version - 2 modules |

| ACCESSORIES |  |  |
|-------------|--|--|
| ○ 3508BUS   |  | removable clamp for BUS connection - width 3.81 mm |
| ○ 3508U2    |  | removable clamp 2 poles                            |
| ○ 3508U3    |  | removable clamp 3 poles                            |



## Common accessories and devices



E46ADCN



E49



L4669  
L4669/500



336904

| Item                          |  | <b>POWER SUPPLIES</b>   |
|-------------------------------|--|---|
| <input type="radio"/> E46ADCN |  | power supply - input 230 Va.c. output 27 Vd.c. SELV - maximum absorbed current 450mA - installation on DIN profile for flush mounted or wall-mounted switchboards - 8 DIN modules |
| <input type="radio"/> E49     |  | compact power supply - input 230 Va.c. - output 27 Vd.c. Maximum current delivered 600 mA - 2 DIN modules.  |
| <b>VARIOUS ACCESSORIES</b>    |  |   |
| <input type="radio"/> 3515    |  | spare removable clamp   |

| Item                            |  | <b>CONNECTION CABLES</b>   |
|---------------------------------|--|--|
| <input type="radio"/> L4669     |  | sheathed pair made up of 2 flexible wires with unshielded plaited sheath - insulation 300/500 V - complies with standards CEI 46-5 and CEI 20-20 - coil length 100 metres  |
| <input type="radio"/> L4669/500 |  | as above - in 500 m coils  |
| <input type="radio"/> L4669KM1  |  | as above - reel length 1000 m (1)  |
| <input type="radio"/> 336905    |  | as above - low toxicity cable without halogens - ideal for application in environments where fire hazard safety is critical - coil length 200 metres   |
| <input type="radio"/> 336904    |  | specific cable with 2 twisted conductors. It can be installed in underground piping, in accordance with standards (CEI 20-13 and CEI 20-14). It ensures the best performance in video systems (higher distance between EP and Handset when compared with other cables). 200 m coil |

| System                                | Cable                                    |        |
|---------------------------------------|--|--------|
|                                       | L4669<br>L4669/500<br>L4669KM1<br>336905 | 336904 |
| Automation                            | ●  | ●(1)   |
| Energy Management/Consumption Display | ●  | ●(1)   |
| Temperature control                   | ●  | ●(1)   |
| Video door entry system               |  | ●      |

NOTE (1): for systems underground cable sections

# Livinglight

## MyHOME\_UP SYSTEM

### Other key covers

#### 2-FUNCTION NON-SILK-SCREEN PRINTED KEY COVERS



#### 2-FUNCTION NON-SILK-SCREEN PRINTED KEY COVERS



| NON-SILK-SCREEN PRINTED KEY COVERS - 1 FUNCTION |          |           |
|---|----------|-----------|
|   | 1 module | 2 modules |
|   | Item     | Item      |
| □   | N4915LN  | N4915M2LN |
| ■   | NT4915N  | NT4915M2N |
| ■   | L4915N   | L4915M2N  |

| NON-SILK-SCREEN PRINTED KEY COVERS - 2 FUNCTIONS |          |           |
|--|----------|-----------|
|  | 1 module | 2 modules |
|  | Item     | Item      |
| □  | N4911N   | N4911M2N  |
| ■  | NT4911N  | NT4911M2N |
| ■  | L4911N   | L4911M2N  |

### 1-FUNCTION SILK-SCREEN PRINTED KEY COVERS



NT4915AN NT4915M2ADN NT4915MR

#### SILK-SCREEN PRINTED KEY COVERS WITH SYMBOLS - 1 FUNCTION

|                  |                          | 1 module  | 2 modules   |
|------------------|--------------------------|-----------|-------------|
| Description      |                          | Item      | Item        |
| DIMMER           | <input type="checkbox"/> | —         | N4915M2ADN  |
|                  | <input type="checkbox"/> | —         | NT4915M2ADN |
|                  | <input type="checkbox"/> | —         | L4915M2ADN  |
| STOP             | <input type="checkbox"/> | N4915AEN  | —           |
|                  | <input type="checkbox"/> | NT4915AEN | —           |
|                  | <input type="checkbox"/> | L4915AEN  | —           |
| LIGHT            | <input type="checkbox"/> | N4915AN   | N4915M2AN   |
|                  | <input type="checkbox"/> | NT4915AN  | NT4915M2AN  |
|                  | <input type="checkbox"/> | L4915AN   | L4915M2AN   |
| STAIRCASE LIGHT  | <input type="checkbox"/> | N4915BN   | N4915M2BN   |
|                  | <input type="checkbox"/> | NT4915BN  | NT4915M2BN  |
|                  | <input type="checkbox"/> | L4915BN   | L4915M2BN   |
| KEY              | <input type="checkbox"/> | N4915FN   | N4915M2FN   |
|                  | <input type="checkbox"/> | NT4915FN  | NT4915M2FN  |
|                  | <input type="checkbox"/> | L4915FN   | L4915M2FN   |
| DO NOT DISTURB   | <input type="checkbox"/> | N4915DD   | N4915M2DD   |
|                  | <input type="checkbox"/> | NT4915DD  | NT4915M2DD  |
|                  | <input type="checkbox"/> | L4915DD   | L4915M2DD   |
| DOORBELL         | <input type="checkbox"/> | N4915DN   | N4915M2DN   |
|                  | <input type="checkbox"/> | NT4915DN  | NT4915M2DN  |
|                  | <input type="checkbox"/> | L4915DN   | L4915M2DN   |
| MAKE UP THE ROOM | <input type="checkbox"/> | N4915MR   | —           |
|                  | <input type="checkbox"/> | NT4915MR  | —           |
|                  | <input type="checkbox"/> | L4915MR   | —           |

### 2-FUNCTION SILK-SCREEN PRINTED KEY COVERS

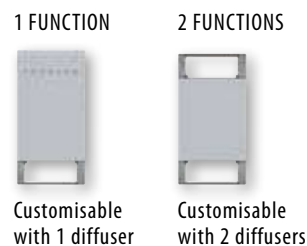


NT4911AHN NT4911AIN

#### SILK-SCREEN PRINTED KEY COVERS WITH SYMBOLS - 2 FUNCTIONS

|                     |                          | 1 module  | 2 modules   |
|---------------------|--------------------------|-----------|-------------|
| Description         |                          | Item      | Item        |
| ON - OFF - GEN      | <input type="checkbox"/> | N4911AFN  | N4911M2AFN  |
|                     | <input type="checkbox"/> | NT4911AFN | NT4911M2AFN |
|                     | <input type="checkbox"/> | L4911AFN  | L4911M2AFN  |
| ON - OFF            | <input type="checkbox"/> | N4911AGN  | N4911M2AGN  |
|                     | <input type="checkbox"/> | NT4911AGN | NT4911M2AGN |
|                     | <input type="checkbox"/> | L4911AGN  | L4911M2AGN  |
| UP - DOWN           | <input type="checkbox"/> | N4911AHN  | N4911M2AHN  |
|                     | <input type="checkbox"/> | NT4911AHN | NT4911M2AHN |
|                     | <input type="checkbox"/> | L4911AHN  | L4911M2AHN  |
| ON - OFF ADJUSTMENT | <input type="checkbox"/> | N4911AIN  | N4911M2AIN  |
|                     | <input type="checkbox"/> | NT4911AIN | NT4911M2AIN |
|                     | <input type="checkbox"/> | L4911AIN  | L4911M2AIN  |
| + up and - down     | <input type="checkbox"/> | N4911ADN  | —           |
|                     | <input type="checkbox"/> | NT4911ADN | —           |
|                     | <input type="checkbox"/> | L4911ADN  | —           |

### CUSTOMISABLE LIVINGLIGHT KEY COVERS WITH DIFFUSERS, AVAILABLE IN KIT



Customisable with 1 diffuser

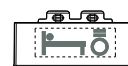
Customisable with 2 diffusers

#### CUSTOMISABLE KEY COVERS

|   |                          | 1 module | 2 modules  |
|---|--------------------------|----------|------------|
| Description   |                          | Item     | Item       |
| 1 FUNCTION CUSTOMISABLE KEY COVER WITH 1 DIFFUSER*  | <input type="checkbox"/> | N4915TN  | N4915M2TN  |
|   | <input type="checkbox"/> | NT4915TN | NT4915M2TN |
|   | <input type="checkbox"/> | L4915TN  | L4915M2TN  |
| 2 FUNCTION CUSTOMISABLE KEY COVER WITH 2 DIFFUSERS* | <input type="checkbox"/> | N4911TN  | N4911M2TN  |
|   | <input type="checkbox"/> | NT4911TN | NT4911M2TN |
|   | <input type="checkbox"/> | L4911TN  | L4911M2TN  |

#### DIFFUSER KIT













| Description                                  | Item                     |             |
|--|--------------------------|-------------|
| KIT WITH DIFFUSER ON THE SIDE (50 DIFFUSERS) | <input type="checkbox"/> | N4915SETBL  |
|  | <input type="checkbox"/> | NT4915SETBL |
|  | <input type="checkbox"/> | L4915SETBL  |



# LIVINGLIGHT AIR - 2 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

|                                   |   |   |   |
|-----------------------------------|---|---|---|
| Plasterboard or flush mounted box |  <p><b>502E</b><br/>(70x70x50)</p> |  <p><b>2 x 502E</b><br/>(70x70x50)</p> |  <p><b>3 x 502E</b><br/>(70x70x50)</p> |
| Supports                          |  <p><b>LN4702E</b></p>             |  <p><b>2 x LN4702E</b></p>            |  <p><b>3 x LN4702E</b></p>             |
| No. of modules                    |  <p><b>2 modules</b></p>           |  <p><b>2 + 2 modules</b></p>           |  <p><b>2 + 2 + 2 modules</b></p>       |
| Cover plates                      |  <p><b>LNE4802..</b></p>         |  <p><b>LNE4802M2...</b></p>         |  <p><b>LNE4802M3...</b></p>          |

## Table for selecting codes

### AIR COVER PLATE CODES

2 modules - LNE4802...

2 + 2 modules - LNE4802M2...

2 + 2 + 2 modules - LNE4802M3...

### Cover plate modules

|                           |                  | 2          | 2+2          | 2+2+2        |
|---------------------------|------------------|------------|--------------|--------------|
| <b>MONOCHROME (zamak)</b> |                  |            |              |              |
|                           | Pure white       | LNE4802BN  | LNE4802M2BN  | LNE4802M3BN  |
|                           | Tech             | LNE4802TE  | LNE4802M2TE  | LNE4802M3TE  |
|                           | Anthracite       | LNE480AR   | LNE4802M2AR  | LNE4802M3AR  |
| <b>SOFT (zamak)</b>       |                  |            |              |              |
|                           | Street           | LNC4802ST  | LNE4802M2ST  | LNE4802M3ST  |
|                           | Clay             | LNC4802CY  | LNE4802M2CY  | LNE4802M3CY  |
|                           | Sand             | LNC4802SB  | LNE4802M2SB  | LNE4802M3SB  |
|                           | Blue moon        | LNC4802BM  | LNE4802M2BM  | LNE4802M3BM  |
| <b>SHINY (zamak)</b>      |                  |            |              |              |
|                           | Pewter           | LNC4802PT  | LNE4802M2PT  | LNE4802M3PT  |
|                           | Palladium        | LNC4802PL  | LNE4802M2PL  | LNE4802M3PL  |
|                           | Satin gold       | LNC4802OF  | LNE4802M2OF  | LNE4802M3OF  |
|                           | Satin nickel     | LNC4802NK  | LNE4802M2NK  | LNE4802M3NK  |
|                           | Pearl white      | LNC4802PR  | LNE4802M2PR  | LNE4802M3PR  |
| <b>BRUSHED (zamak)</b>    |                  |            |              |              |
|                           | Brushed titanium | LNC4802TIS | LNE4802M2TIS | LNE4802M3TIS |
|                           | brushed chrome   | LNC4802CRS | LNE4802M2CRS | LNE4802M3CRS |
| <b>Supports</b>           |                  |            |              |              |
|                           | Supports         | LN4702E    | LN4702E x 2  | LN4702E x 3  |

# LIVINGLIGHT AIR - 2 MODULE AREA INSTALLATION SYSTEM


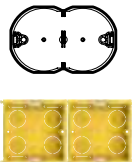
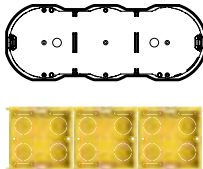
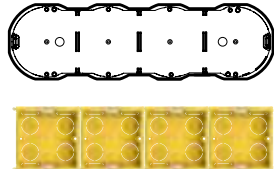













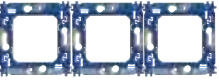










## Cover plate finishing



# LIVINGLIGHT SQUARE COVER PLATES - 2 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

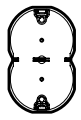
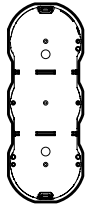
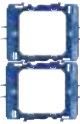

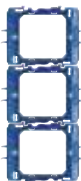





|                   | BOTH FOR HORIZONTAL AND VERTICAL INSTALLATION - CENTRE DISTANCE 71 mm  |   |   |   |
|-------------------|--|---|---|---|
| Boxes             | <br><b>502E (screw)</b><br>(70x70x50)   | <br><b>2 x 502E (screw)</b><br>(70x70x50)  | <br><b>3 x 502E (screw)</b><br>(70x70x50)   | <br><b>4 x 502E (screw)</b><br>(70x70x50)  |
| Metallic supports | <br><b>LN4702MG (clips)</b><br><br><br><b>LN4702M (screw)</b>    | <br><b>LN4702MG (clips)</b><br><br><br><b>LN4702M (screw)</b>   | <br><b>LN4702MG (clips)</b><br><br><br><b>LN4702M (screw)</b>   | <br><b>LN4702MG (clips)</b><br><br><br><b>LN4702M (screw)</b>   |
| Supports          | <br><b>LN4702G (clips)</b><br><br><br><b>LN4702M (screw)</b> | <br><b>LN4702G (clips)</b><br><br><br><b>LN4702 (screw)</b> | <br><b>LN4702G (clips)</b><br><br><br><b>LN4702 (screw)</b> | <br><b>LN4702G (clips)</b><br><br><br><b>LN4702 (screw)</b> |
| No. of modules    | <br>2 modules   | <br>2 + 2 modules  | <br>2 + 2 + 2 modules   | <br>2 + 2 + 2 + 2 modules  |
| Cover plates      | <br><b>LNA4802..</b>  | <br><b>LNA4802M2...</b>  | <br><b>LNA4802M3...</b>   | <br><b>LNA4802M4...</b>  |

**Note:** The clear protection is supplied as standard with LN4702MG and LN4702M supports, to preserve the integrity of the devices, protecting them from installation dust, paint and scratches during all stages after their installation, and until the cover plates are fitted.

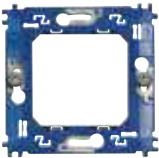
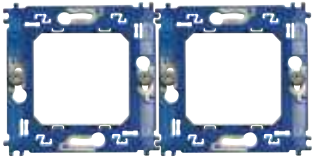

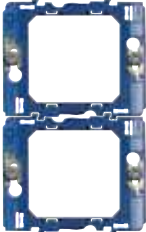
# LIVINGLIGHT SQUARE COVER PLATES - 2 MODULE BELGIAN INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

|                |   | VERTICAL INSTALLATION CENTRE DISTANCE 57 mm   |  |
|----------------|---|---|--|
| Boxes          |    |    |  |
| Supports       |  <br><b>LN4702G</b> (clips) <b>LN4702</b> (screw) |  <br><b>LN4702G</b> (clips) <b>LN4702</b> (screw) |  |
| No. of modules | <br>2 + 2 modules  | <br>2 + 2 + 2 modules   |  |
| Cover plates   | <br><b>LNA4832M2...</b>  | <br><b>LNA4832M3...</b>  |  |

### INSTALLATION OF LN4702 AND LN4702G SUPPORTS

|  |  |  |
|--|--|--|
| <br><b>LN4702</b> (fixing with screw) | <p><b>71 mm</b> centre distance installation</p> <br>To place side by side 2 or more supports | <p><b>57 mm</b> centre distance installation</p>  <p>Before placing side by side 2 or more supports, detach upper and lower sides as indicated</p>  |
|--|--|--|



# LIVINGLIGHT SQUARE COVER PLATES - 2 MODULE AREA INSTALLATION SYSTEM











## Table for selecting codes













|                                   |                    | MODULES    |                                 |                                   |                                     |                                 |                                   |
|-----------------------------------|--------------------|------------|---------------------------------|-----------------------------------|-------------------------------------|---------------------------------|-----------------------------------|
|                                   |                    | 2          | 2+2<br>Centre distance<br>71 mm | 2+2+2<br>Centre distance<br>71 mm | 2+2+2+2<br>Centre distance<br>71 mm | 2+2<br>Centre distance<br>57 mm | 2+2+2<br>Centre distance<br>57 mm |
| <b>METALS (zamak)</b>             |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Ice gold           | LNA4802OA  | LNA4802M2OA                     | LNA4802M3OA                       | LNA4802M4OA                         | LNA4832M2OA                     | LNA4832M3OA                       |
|                                   | Bronze             | LNA4802BZ  | LNA4802M2BZ                     | LNA4802M3BZ                       | LNA4802M4BZ                         | LNA4832M2BZ                     | LNA4832M3BZ                       |
| <b>NATURALIA (zamak)</b>          |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Native             | LNA4802NA  | LNA4802M2NA                     | LNA4802M3NA                       | LNA4802M4NA                         | LNA4832M2NA                     | LNA4832M3NA                       |
|                                   | Silver             | LNA4802AG  | LNA4802M2AG                     | LNA4802M3AG                       | LNA4802M4AG                         | LNA4832M2AG                     | LNA4832M3AG                       |
|                                   | Brushed steel      | LNA4802ACS | LNA4802M2ACS                    | LNA4802M3ACS                      | LNA4802M4ACS                        | LNA4832M2ACS                    | LNA4832M3ACS                      |
| <b>SILK (zamak)</b>               |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Park               | LNA4802PK  | LNA4802M2PK                     | LNA4802M3PK                       | LNA4802M4PK                         | LNA4832M2PK                     | LNA4832M3PK                       |
|                                   | Square             | LNA4802SQ  | LNA4802M2SQ                     | LNA4802M3SQ                       | LNA4802M4SQ                         | LNA4832M2SQ                     | LNA4832M3SQ                       |
|                                   | Brick              | LNA4802RK  | LNA4802M2RK                     | LNA4802M3RK                       | LNA4802M4RK                         | LNA4832M2RK                     | LNA4832M3RK                       |
|                                   | Avenue             | LNA4802AE  | LNA4802M2AE                     | LNA4802M3AE                       | LNA4802M4AE                         | LNA4832M2AE                     | LNA4832M3AE                       |
|                                   | Club               | LNA4802CB  | LNA4802M2CB                     | LNA4802M3CB                       | LNA4802M4CB                         | LNA4832M2CB                     | LNA4832M3CB                       |
| <b>DEEP (polymer plastic)</b>     |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Green              | LNA4802VD  | LNA4802M2VD                     | LNA4802M3VD                       | LNA4802M4VD                         | LNA4832M2VD                     | LNA4832M3VD                       |
|                                   | Orange             | LNA4802OD  | LNA4802M2OD                     | LNA4802M3OD                       | LNA4802M4OD                         | LNA4832M2OD                     | LNA4832M3OD                       |
|                                   | Blue               | LNA4802AD  | LNA4802M2AD                     | LNA4802M3AD                       | LNA4802M4AD                         | LNA4832M2AD                     | LNA4832M3AD                       |
| <b>KRISTALL (polymer plastic)</b> |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | London fog         | LNA4802KF  | LNA4802M2KF                     | LNA4802M3KF                       | LNA4802M4KF                         | LNA4832M2KF                     | LNA4832M3KF                       |
|                                   | Aquamarine         | LNA4802KA  | LNA4802M2KA                     | LNA4802M3KA                       | LNA4802M4KA                         | LNA4832M2KA                     | LNA4832M3KA                       |
|                                   | Cold grey          | LNA4802KG  | LNA4802M2KG                     | LNA4802M3KG                       | LNA4802M4KG                         | LNA4832M2KG                     | LNA4832M3KG                       |
| <b>NEUTRAL (polymer plastic)</b>  |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Anthracite         | LNA4802AR  | LNA4802M2AR                     | LNA4802M3AR                       | LNA4802M4AR                         | LNA4832M2AR                     | LNA4832M3AR                       |
|                                   | White              | LNA4802BI  | LNA4802M2BI                     | LNA4802M3BI                       | LNA4802M4BI                         | LNA4832M2BI                     | LNA4832M3BI                       |
|                                   | Tech               | LNA4802TE  | LNA4802M2TE                     | LNA4802M3TE                       | LNA4802M4TE                         | LNA4832M2TE                     | LNA4832M3TE                       |
| <b>WOOD</b>                       |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Cherrywood         | LNA4802LCA | LNA4802M2LCA                    | LNA4802M3LCA                      | LNA4802M4LCA                        | LNA4832M2LCA                    | LNA4832M3LCA                      |
|                                   | Bamboo             | LNA4802LBA | LNA4802M2LBA                    | LNA4802M3LBA                      | LNA4802M4LBA                        | LNA4832M2LBA                    | LNA4832M3LBA                      |
|                                   | Walnut             | LNA4802LNC | LNA4802M2LNC                    | LNA4802M3LNC                      | LNA4802M4LNC                        | LNA4832M2LNC                    | LNA4832M3LNC                      |
| <b>SUPPORTS</b>                   |                    |            |                                 |                                   |                                     |                                 |                                   |
|                                   | Fixing with screws | LN4702M    | LN4702M (x2)                    | LN4702M (x3)                      | LN4702M (x4)                        | LN4702 (x3)                     | LN4702 (x3)                       |
|                                   | Fixing with clips  | LN4702MG   | LN4702MG (x2)                   | LN4702MG (x3)                     | LN4702MG (x4)                       | LN4702G (x3)                    | LN4702G (x3)                      |

# LIVINGLIGHT SQUARE COVER PLATES

## - 2 MODULE AREA INSTALLATION SYSTEM

Cover plate finishing

|                                     |   |   |  |
|-------------------------------------|---|---|--|
| <b>METALS</b><br>Material: zamak    |  <p><b>Ice gold - OA</b></p> |  <p><b>Bronze - BZ</b></p>   |  |
| <b>NATURALIA</b><br>Material: zamak |  <p><b>Native - NA</b></p>  |  <p><b>Silver - AG</b></p>  |  <p><b>Brushed steel - ACS</b></p>   |
| <b>SILK</b><br>Material: zamak      |  <p><b>Park - PK</b></p>   |  <p><b>Square - SQ</b></p> |  <p><b>Brick - RK</b></p>   |
|                                     |  <p><b>Avenue - AE</b></p> |  <p><b>Club - CB</b></p>   | <p><b>SQUARE COVER PLATE CODES</b><br/>           2 modules - LNA4802...<br/>           2+2 modules - centre distance 71 mm - LNA4802M2...<br/>           2+2+2 modules - centre distance 71 mm - LNA4802M3...<br/>           2+2+2+2 modules - centre distance 71 mm - LNA4802M4...<br/>           2+2 modules - centre distance 57 mm - LNA4832M2...<br/>           2+2+2 modules - centre distance 57 mm LNA4832M3...</p> |

|  |   |   |   |
|--|---|---|---|
| <p><b>DEEP</b><br/>Material: polymer plastic</p>     |    |    |    |
|  | <p><b>Green - VD</b></p>  | <p><b>Orange - OD</b></p>   | <p><b>Blue - AD</b></p>   |
| <p><b>KRISTALL</b><br/>Material: polymer plastic</p> |   |   |   |
|  | <p><b>London fog - KF</b></p>   | <p><b>Acquamarine - KA</b></p>  | <p><b>Cold grey - KG</b></p>  |
| <p><b>NEUTRAL</b><br/>Material: polymer plastic</p>  |  |  |  |
|  | <p><b>Anthracite - AR</b></p>   | <p><b>White - BI</b></p>  | <p><b>Tech - TE</b></p>   |
| <p><b>ESSENCES</b><br/>Material: solid wood</p>      |  |  |  |
|  | <p><b>Cherrywood - LCA</b></p>  | <p><b>Bamboo - LBA</b></p>  | <p><b>Walnut - LNC</b></p>  |

# LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

|                     |  |  |   |   |
|---------------------|--|--|---|---|
| Flush mounted boxes | <br><b>503E</b><br>(108x74x53.5 mm) | <br><b>504E</b><br>(133x74x53.5 mm)   | <br><b>506L</b><br>(183.5x90x53.5 mm) | <br><b>506E</b><br>(108x118x51.5 mm) |
| Plasterboard boxes  | <br><b>PB503N</b><br>(110x71x52 mm) | <br><b>PB504N</b><br>(132.5x71x52 mm) | <br><b>PB506N</b><br>(183x71x52 mm)   | <br><b>PB526N</b><br>(111x116x52 mm) |
| Supports            | <br><b>LN4703C with screw</b>      | <br><b>LN4704C with screw</b>        | <br><b>LN4707C with screw</b>        | <br><b>LN4726C * with screw</b>     |
| No. of modules      | <br>3 modules                     | <br>4 modules                       | <br>7 modules                       | <br>3+3 modules                    |
| AIR cover plates    | <br><b>LNC4803...</b>             | <br><b>LNC4804...</b>               | <br><b>LNC4807...</b>               | <br><b>LNC4826...</b>              |

**NOTE:** long screws 35 mm item 500/00 are available



\* supplied accessories in the colours of the product range

# LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

## Table for selecting codes

### Cover plate modules

|                           |                  | 3          | 4          | 7          | 3+3        |
|---------------------------|------------------|------------|------------|------------|------------|
| <b>MONOCHROME (zamak)</b> |                  |            |            |            |            |
|                           | Pure white       | LNC4803BN  | LNC4804BN  | LNC4807BN  | LNC4826BN  |
|                           | Tech             | LNC4803TE  | LNC4804TE  | LNC4807TE  | LNC4826TE  |
|                           | Anthracite       | LNC4803AR  | LNC4804AR  | LNC4807AR  | LNC4826AR  |
| <b>SOFT (zamak)</b>       |                  |            |            |            |            |
|                           | Street           | LNC4803ST  | LNC4804ST  | LNC4807ST  | LNC4826ST  |
|                           | Clay             | LNC4803CY  | LNC4804CY  | LNC4807CY  | LNC4826CY  |
|                           | Sand             | LNC4803SB  | LNC4804SB  | LNC4807SB  | LNC4826SB  |
|                           | Blue moon        | LNC4803BM  | LNC4804BM  | LNC4807BM  | LNC4826BM  |
| <b>SHINY (zamak)</b>      |                  |            |            |            |            |
|                           | Pewter           | LNC4803PT  | LNC4804PT  | LNC4807PT  | LNC4826PT  |
|                           | Palladium        | LNC4803PL  | LNC4804PL  | LNC4807PL  | LNC4826PL  |
|                           | Satin gold       | LNC4803OF  | LNC4804OF  | LNC4807OF  | LNC4826OF  |
|                           | Satin nickel     | LNC4803NK  | LNC4804NK  | LNC4807NK  | LNC4826NK  |
|                           | Pearl white      | LNC4803PR  | LNC4804PR  | LNC4807PR  | LNC4826PR  |
| <b>BRUSHED (zamak)</b>    |                  |            |            |            |            |
|                           | Brushed titanium | LNC4803TIS | LNC4804TIS | LNC4807TIS | LNC4826TIS |
|                           | Brushed chrome   | LNC4803CRS | LNC4804CRS | LNC4807CRS | LNC4826CRS |

### Supports

| Supports | LN4703C | LN4704C | LN4707C | LN4726C |
|----------|---------|---------|---------|---------|
|          |         |         |         |         |

# LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

## Cover plate finishing

MONOCHROME

Material: zamak



Pure white - BN



Tech - TE



Anthracite - AR

SOFT

Material: zamak



Street - ST



Clay - CY



Sand - SB



Blue moon - BM

### AIR COVER PLATE CODES

2 modules - LNC4802...

3 modules - LNC4803...

4 modules - LNC4804...

7 modules - LNC4807...

3+3 modules - LNC4826...

**BRUSHED**  
Material: zamak



**Brushed Titanium - TIS**



**Brushed Chrome - CRS**

**SHINY**  
Material: zamak



**Pewter - PT**



**Palladium - PL**



**Satin gold - OF**



**Satin nickel - NK**



**Pearl white - PR**

# Customise your cover plate

## SUGGESTIONS FOR USE.

The Livinglight Air cover plates PURE WHITE -BN- - can be painted by the customer.

### PAINT

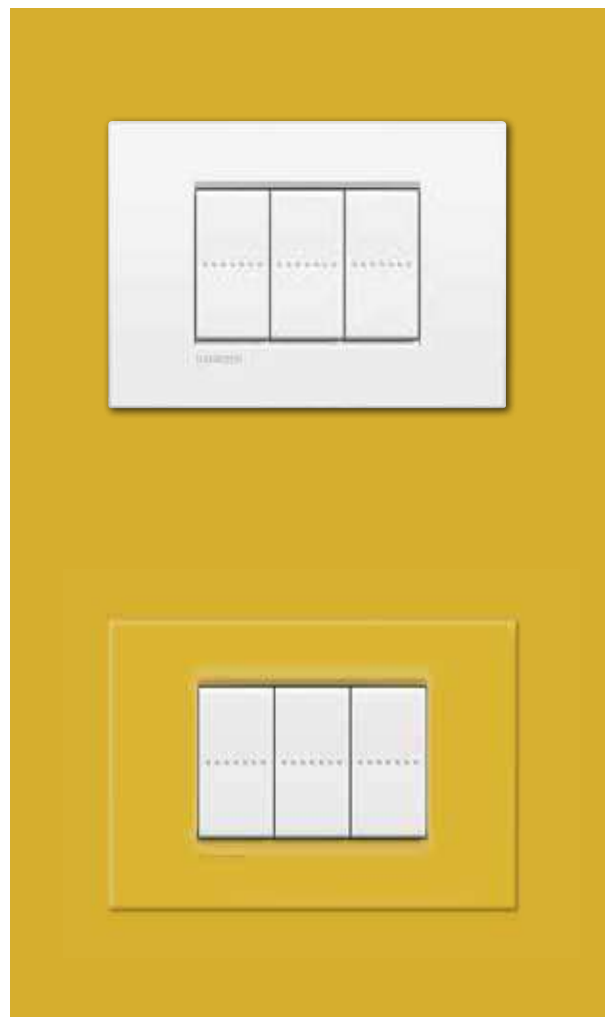
Before painting with house paint, the surface should be sanded/matted for better adhesion. Resin-rich products (e.g. water-based varnishes) should be used.

### Notes

- The devices (keys, sockets, etc.) must not be painted
- paint the cover plate separately and fit once dry

### COVER PLATE CLEANING

The use of water-based detergents is recommended. Using ethyl alcohol or other solvents which could damage or soften the paint is not recommended.



For example: Livinglight Air cover plate  
PURE WHITE - BN finish - painted



# LIVINGLIGHT SQUARE COVER PLATES - 3 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

|                     |                                  |                                 |                                 |                                   |                                   |                                  |
|---------------------|----------------------------------|---------------------------------|---------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| Flush mounted boxes | <b>500</b><br>(Ø 60x44 mm)       | <b>502E</b><br>(70x70x50)       | <b>503E</b><br>(108x74x53.5 mm) | <b>504E</b><br>(133x74x53.5 mm)   | <b>506L</b><br>(183.5x90x53.5 mm) | <b>506E</b><br>(108x118x51.5 mm) |
| Plasterboard boxes  |                                  | <b>PB502N</b><br>(Ø 71x50.5 mm) | <b>PB503N</b><br>(110x71x52 mm) | <b>PB504N</b><br>(132.5x71x52 mm) | <b>PB506N</b><br>(183x71x52 mm)   | <b>PB526N</b><br>(111x116x52 mm) |
| Supports            | <b>LN4702G</b><br>clip fastening | <b>LN4702</b><br>with screws    | <b>LN4703</b><br>with screw     | <b>LN4704</b><br>with screws      | <b>LN4707</b><br>with screw       | <b>LN4726*</b> with screws       |
| No. of modules      | 2 modules                        | 2 modules                       | 3 modules                       | 4 modules                         | 7 modules                         | 3+3 modules                      |
| Square cover plates | <b>LNA4802..</b>                 | <b>LNA4802..</b>                | <b>LNA4803...</b>               | <b>LNA4804...</b>                 | <b>LNA4807...</b>                 | <b>LNA4826...</b>                |

**NOTE:** long screws 35 mm item 500/00 are available



\* supplied accessories in the colours of the product range




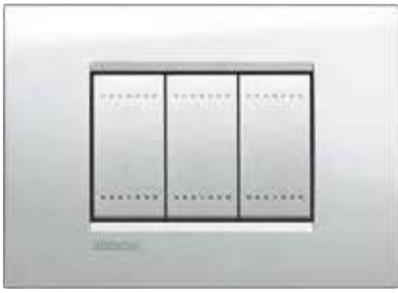


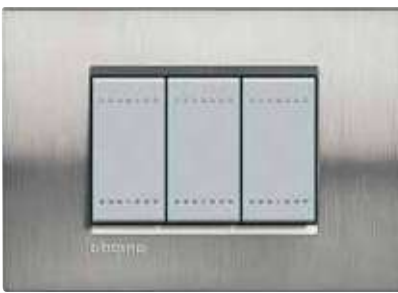





SELECTION TABLE (square cover plates with 2 centred modules)

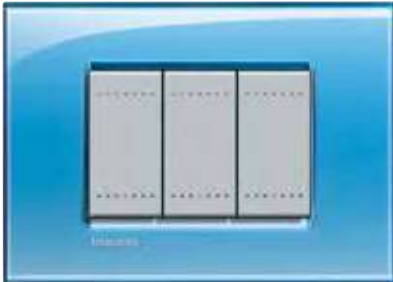
|                     |  |                                 |                                 |
|---------------------|--|---------------------------------|---------------------------------|
| Flush mounted boxes | <b>500</b><br>(Ø 60x44 mm)             | <b>502E</b><br>(70x70x50)       | <b>503E</b><br>(108x74x53.5 mm) |
| Plasterboard boxes  |  | <b>PB502N</b><br>(Ø 71x50.5 mm) | <b>PB503N</b><br>(110x71x52 mm) |
| Supports            | <b>LN4719G</b><br>fastening with clips | <b>LN4719</b><br>with screws    |                                 |
| No. of mod.         | 2 modules                              |                                 |                                 |
| Square cover plates | <b>LNA4819..</b>                       |                                 |                                 |

**NOTE:** long screws 35 mm item 500/00 are available

# LIVINGLIGHT SQUARE COVER PLATES - 3 MODULE AREA INSTALLATION SYSTEM

## Square cover plate finishing

























|                                     |   |  |   |
|-------------------------------------|---|--|---|
| <b>METALS</b><br>Material: zamak    |  <p><b>Ice gold - OA</b></p>         |  <p><b>Bronze - BZ</b></p>   |  <p><b>Steel - AC</b></p>  |
|                                     |  <p><b>Moonlight silver - GL</b></p> |  |   |
| <b>NATURALIA</b><br>Material: zamak |  <p><b>Native - NA</b></p>         |  <p><b>Silver - AG</b></p> |  <p><b>Brushed steel - ACS</b></p>   |
|                                     |   |  |   |
| <b>SILK</b><br>Material: zamak      |  <p><b>Park - PK</b></p>           |  <p><b>Square - SQ</b></p> |  <p><b>Brick - RK</b></p>  |
|                                     |  <p><b>Avenue - AE</b></p>         |  <p><b>Club - CB</b></p>   | <p><b>CODES OF THE LIVINGLIGHT SQUARE COVER PLATES</b><br/>           2 modules - LNA4802...<br/>           2 modules - LNA4819*...<br/>           3 modules - LNA4803...<br/>           4 modules - LNA4804...<br/>           7 modules - LNA4807...<br/>           3+3 modules - LNA4826...</p> <p>* 2 centred modules for box<br/>           500, 502E, 503E, PB503N, PB502N</p> |

|   |   |  |   |
|---|---|--|---|
| <p><b>DEEP</b><br/>Material: techno polymer</p>     |    |    |    |
| <p><b>KRISTALL</b><br/>Material: techno polymer</p> |    |    |    |
| <p><b>NEUTRAL</b><br/>Material: techno polymer</p>  |  |  |  |
| <p><b>WOODS</b><br/>Material: solid wood</p>        |  |  |  |

# LIVINGLIGHT SQUARE COVER PLATES - 3 MODULE AREA INSTALLATION SYSTEM

## Table for selecting codes




### Cover plate modules

|   |                    | 2          | 2 centred  | 3          | 4          | 7          | 3+3        |
|---|--------------------|------------|------------|------------|------------|------------|------------|
| <b>METALS (zamak)</b>   |                    |            |            |            |            |            |            |
|    | Ice gold           | LNA4802OA  | LNA4819OA  | LNA4803OA  | LNA4804OA  | LNA4807OA  | LNA4826OA  |
|    | Bronze             | LNA4802BZ  | LNA4819BZ  | LNA4803BZ  | LNA4804BZ  | LNA4807BZ  | LNA4826BZ  |
|    | Steel              | LNA4802AC  | LNA4819AC  | LNA4803AC  | LNA4804AC  | LNA4807AC  | LNA4826AC  |
|    | Moolight silver    | LNA4802GL  | LNA4819GL  | LNA4803GL  | LNA4804GL  | LNA4807GL  | LNA4826GL  |
| <b>NATURALIA (zamak)</b>  |                    |            |            |            |            |            |            |
|    | Native             | LNA4802NA  | LNA4819NA  | LNA4803NA  | LNA4804NA  | LNA4807NA  | LNA4826NA  |
|    | Silver             | LNA4802AG  | LNA4819AG  | LNA4803AG  | LNA4804AG  | LNA4807AG  | LNA4826AG  |
|    | Brushed steel      | LNA4802ACS | LNA4819ACS | LNA4803ACS | LNA4804ACS | LNA4807ACS | LNA4826ACS |
| <b>SILK (zamak)</b>   |                    |            |            |            |            |            |            |
|    | Park               | LNA4802PK  | LNA4819PK  | LNA4803PK  | LNA4804PK  | LNA4807PK  | LNA4826PK  |
|    | Square             | LNA4802SQ  | LNA4819SQ  | LNA4803SQ  | LNA4804SQ  | LNA4807SQ  | LNA4826SQ  |
|   | Brick              | LNA4802RK  | LNA4819RK  | LNA4803RK  | LNA4804RK  | LNA4807RK  | LNA4826RK  |
|  | Avenue             | LNA4802AE  | LNA4819AE  | LNA4803AE  | LNA4804AE  | LNA4807AE  | LNA4826AE  |
|  | Club               | LNA4802CB  | LNA4819CB  | LNA4803CB  | LNA4804CB  | LNA4807CB  | LNA4826CB  |
| <b>DEEP (polymer plastic)</b>   |                    |            |            |            |            |            |            |
|  | Green              | LNA4802VD  | LNA4819VD  | LNA4803VD  | LNA4804VD  | LNA4807VD  | LNA4826VD  |
|  | Orange             | LNA4802OD  | LNA4819OD  | LNA4803OD  | LNA4804OD  | LNA4807OD  | LNA4826OD  |
|  | Blue               | LNA4802AD  | LNA4819AD  | LNA4803AD  | LNA4804AD  | LNA4807AD  | LNA4826AD  |
| <b>KRISTALL (polymer plastic)</b>   |                    |            |            |            |            |            |            |
|  | London fog         | LNA4802KF  | LNA4819KF  | LNA4803KF  | LNA4804KF  | LNA4807KF  | LNA4826KF  |
|  | Aquamarine         | LNA4802KA  | LNA4819KA  | LNA4803KA  | LNA4804KA  | LNA4807KA  | LNA4826KA  |
|  | Cold grey          | LNA4802KG  | LNA4819KG  | LNA4803KG  | LNA4804KG  | LNA4807KG  | LNA4826KG  |
| <b>NEUTRAL (polymer plastic)</b>  |                    |            |            |            |            |            |            |
|  | Anthracite         | LNA4802AR  | LNA4819AR  | LNA4803AR  | LNA4804AR  | LNA4807AR  | LNA4826AR  |
|  | White              | LNA4802BI  | LNA4819BI  | LNA4803BI  | LNA4804BI  | LNA4807BI  | LNA4826BI  |
|  | Tech               | LNA4802TE  | LNA4819TE  | LNA4803TE  | LNA4804TE  | LNA4807TE  | LNA4826TE  |
| <b>WOOD</b>   |                    |            |            |            |            |            |            |
|  | Cherrywood         | LNA4802LCA | LNA4819LCA | LNA4803LCA | LNA4804LCA | LNA4807LCA | LNA4826LCA |
|  | Bamboo             | LNA4802LBA | LNA4819LBA | LNA4803LBA | LNA4804LBA | LNA4807LBA | LNA4826LBA |
|  | Walnut             | LNA4802LNC | LNA4819LNC | LNA4803LNC | LNA4804LNC | LNA4807LNC | LNA4826LNC |
| <b>Supports</b>   |                    |            |            |            |            |            |            |
|   | Fixing with screws | LN4702     | LN4719     | LN4703     | LN4704     | LN4707     | LN4726     |
|   | Fixing with clips  | LN4702G    | LN4719G    |            |            |            |            |







## CUSTOMISABLE SWITCHES

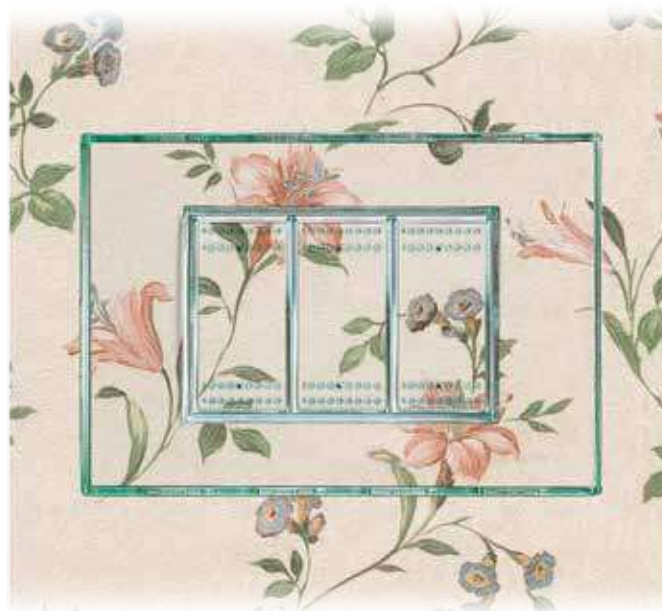
When created using tilting control devices, the light point may be customised using transparent key covers and a transparent cover plate. The cover plate, available in 3, 4, 7, and 3+3 module versions, has a removable under plate that can be removed and interleaved with wallpaper, so that it will not stand out from the wall, or using a favourite pattern or photo, to achieve the opposite effect. The same can be done with the 1, 2 or 3 module key covers.


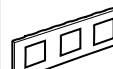

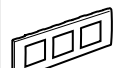
### ITEMS FOR THE CUSTOMISATION OF THE LIGHT POINT

| Item      | Customisable transparent key cover for rocker control devices                     |           |
|-----------|---|-----------|
| ○ N4932   |  | 1 module  |
| ○ N4932/2 |  | 2 modules |
| ○ N4932/3 |  | 3 modules |

### Customisable transparent cover plates

|             |   |                                       |
|-------------|---|---------------------------------------|
| ○ LND4802KR |    | 2 modules                             |
| ○ LND4819KR |   | 2 centred modules (LN4719 or LN4719G) |
| ○ LND4803KR |  | 3 modules                             |
| ○ LND4804KR |  | 4 modules                             |
| ○ LND4807KR |  | 7 modules                             |
| ○ LND4826KR |  | 3 + 3 modules                         |



|               |  |   |
|---------------|--|---|
| ○ LND4802M2KR |    | 2 + 2 modules centre distance 71mm      |
| ○ LND4802M3KR |   | 2 + 2 + 2 modules centre distance 71mm  |
| ○ LND4832M2KR |  | 2 + 2 modules centre distance 57mm      |
| ○ LND4832M3KR |  | 2 + 2 + 2 modules centre distance 57 mm |

### COVER PLATE CUSTOMISATION















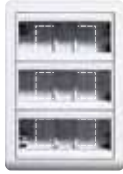








Cover plate and under plate may be separated and interleaved with the decorating element

### CONTROL CUSTOMISATION



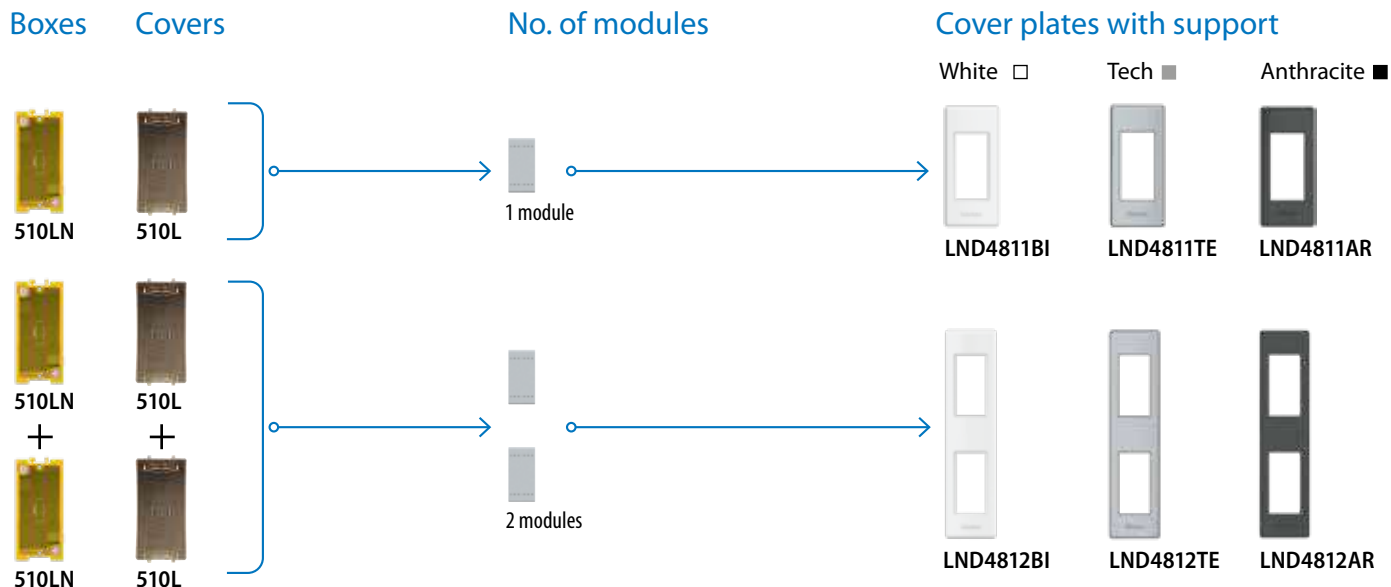
Remove the original key cover and insert the transparent one, making sure to follow the assembly sequence.

# INSTALLATION IN WALL-MOUNTED BOXES

| Boxes  | Modules   | Cover plates   |
|--|---|--|
|  <p><b>502BI</b> (white)</p>  |  <p>2 modules</p>  |  <p><b>LNA4802...</b></p>  <p><b>LNC4802...</b></p>   |
|  <p><b>503BI</b> (white)</p>  |  <p>3 modules</p>  |  <p><b>LNA4803...</b></p>  <p><b>LNC4803...</b></p>   |
|  <p><b>504BI</b> (white)</p>  |  <p>4 modules</p>  |  <p><b>LNA4804...</b></p>  <p><b>LNC4804...</b></p>   |
|  <p><b>150418BA</b> with supports and cover plates (173x247x65) (white)</p>  <p><b>150418GR</b> - with supports and cover plates (173x247x65) (anthracite)</p> |  <p>3 x 6 modules</p>  |  |
|  <p><b>506NP</b> (118x118x55) (white)</p>  <p><b>N4070</b> indoor siren<br/><b>N4565</b> loudspeaker (white)</p>   |  <p><b>506NP</b> (118x118x55) (white)</p>  <p><b>NT4070</b> indoor siren<br/><b>NT4565</b> loudspeaker (tech)</p> |  <p><b>506LP</b> (118x118x55) (anthracite)</p>  <p><b>4070</b> indoor siren<br/><b>L4565</b> loudspeaker (anthracite)</p> |

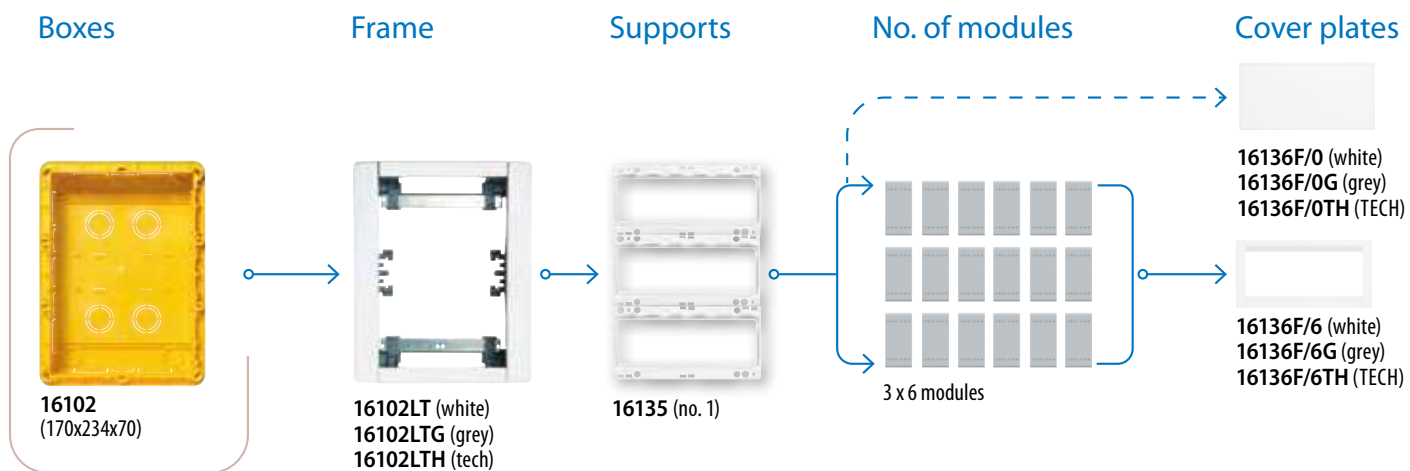
# OTHER INSTALLATIONS

## INSTALLATION ON RAILS

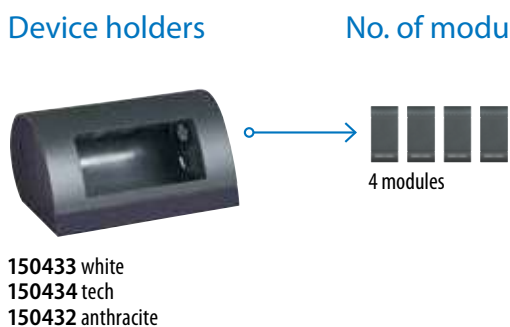


**Item 510LN:** box that can be used also for plasterboard and masonry walls  
**Art. 510L:** accessory cover for installation on rails

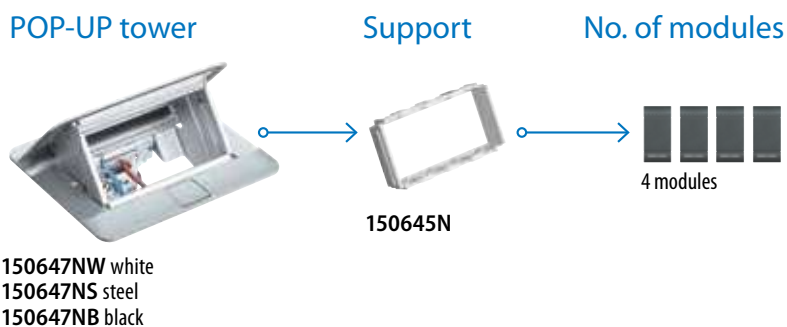
## INSTALLATION IN MULTIBOX BOXES



## TABLE-TOP INSTALLATION






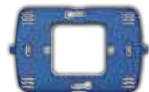








## POP-UP TOWERS

















# INSTALLATION IN FLUSH-MOUNTED BOX WITH PROTECTED COVERS








UNIVERSAL COVER SELECTION TABLE

|                                |   |   |   |
|--------------------------------|---|---|---|
| Flush mounted boxes            | <br>503E (108x74x53.5 mm)  |   |   |
| Plasterboard boxes             | <br>PB503N (110x71x52 mm)  |   |   |
| IP44 - IDROBOX universal cover | <br>26603                  |   |   |
| Supports                       | <br>LN4703C with screws    | <br>LN4703 with screw | <br>LN4719 with screws |
| No. of modules                 | <br>3 modules              | <br>3 modules          | <br>2 modules          |
| Cover plates                   | <br>LNC4803.../LNA4803... | <br>LNA4803...        | <br>LNA4819...        |

SELECTION TABLE FOR 2 OR 3 MODULES

|                     |  |   |  |  |   |  |
|---------------------|--|---|--|--|---|--|
| Flush mounted boxes | <br>502E (70x70x50) |   |  | <br>503E (108x74x53.5 mm) |   |  |
| No. of modules      | <br>2 modules       | <br>2 modules          | <br>2 modules         | <br>3 modules              | <br>3 modules            | <br>3 modules           |
| Cover plates        | <br>24602N - white  | <br>24602 RAL7035 grey | <br>24602L anthracite | <br>24603N - white         | <br>24603 - RAL7035 grey | <br>24603L - anthracite |

SELECTION TABLE FOR 4 MODULES

|                     |   |   |  |
|---------------------|---|---|--|
| Flush mounted boxes | <br>504E (133x74x53.5 mm) |   |  |
| No. of modules      | <br>4 modules              | <br>4 modules            | <br>4 modules           |
| Cover plates        | <br>24604N - white         | <br>24604 - RAL7035 grey | <br>24604L - anthracite |

**NOTE:** The IP55 protection index of the covers for item 502E, 503E, 504E is obtained with the cover closed and the item installed on smooth walls, without grooves and waterproof (smooth tiles, marble).



# INSTALLATION IN PROTECTED HOUSING

## IP40 AND IP55 IDROBOX PROTECTED COVERS

### IP40 housings

1 module  
IP40



24401

2 modules  
IP40



24402

3 modules  
IP40



24403

4 modules  
IP40



24404

### IP40 housings

4 modules  
IP40



24404/2

6 modules  
IP40



24406

### IP55 housings

1 module  
IP55



24501

2 modules  
IP55



24502

3 modules  
IP55



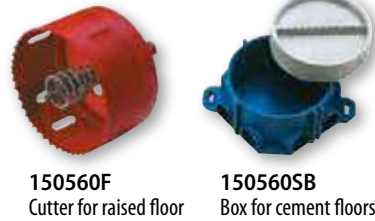
24503







4 modules  
IP55








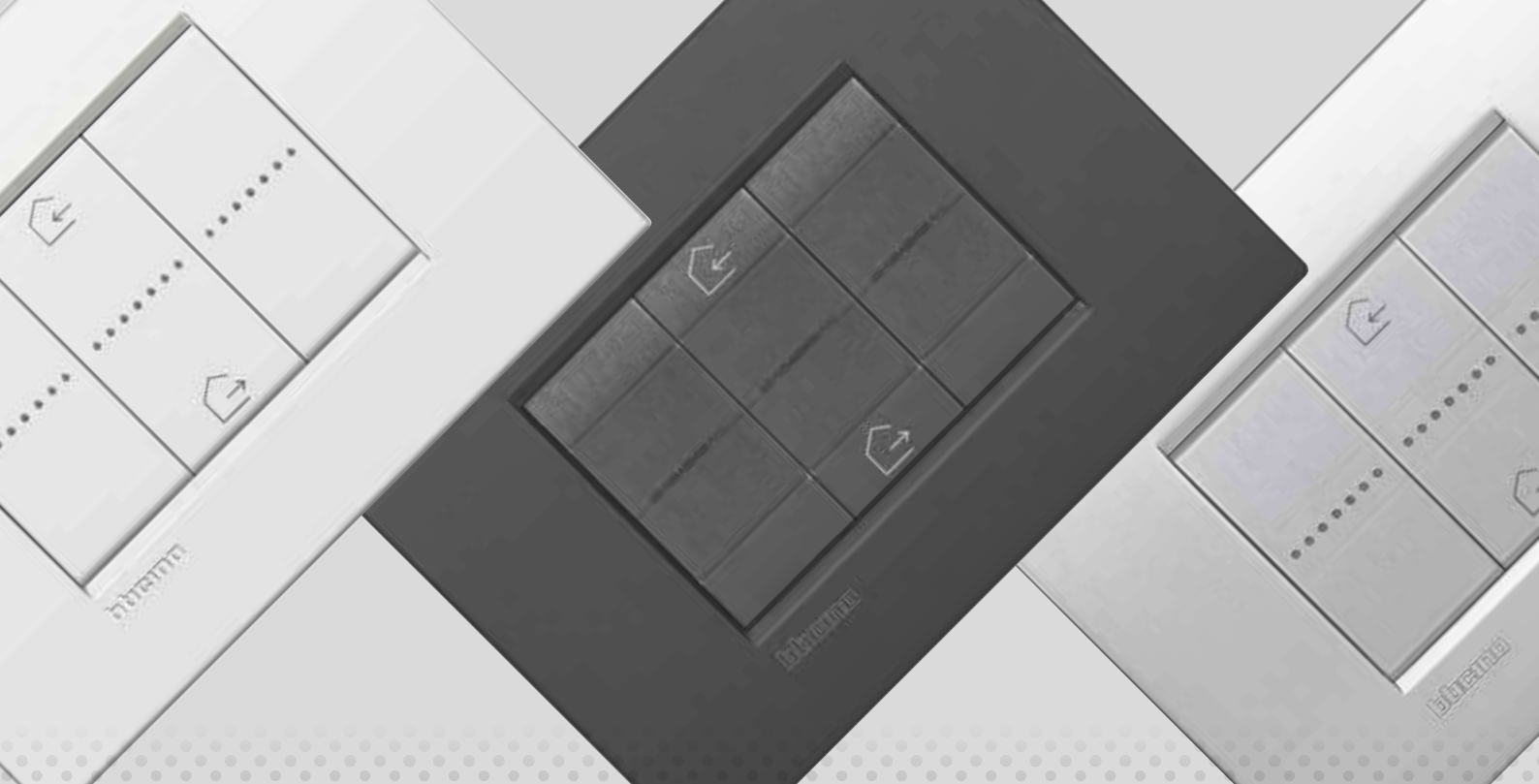
24504

# INSTALLATION IN PROTECTED HOUSINGS AND OTHER



| Item        | ACCESSORIES FOR IP40 - IP55 HOUSINGS  |  |
|-------------|---|--|
| ○ 25700     |    | flexible cable entry gland Ø 5 to 14-16-20 mm – IP55 |
| ○ 25700F/16 |    | quick-coupling pipe gland IP55 for pipes Ø 16 mm     |
| ○ 25700F/20 |    | quick-coupling pipe gland IP55 for pipes Ø 20 mm     |
| ○ 25701     |   | horizontal partition                                 |
| ○ 25701V    |  | vertical partition                                   |
| ○ 25702     |  | internal terminal for earth connection               |

| Item       | WIRING ACCESSORIES - FLOOR BOXES  |   |
|------------|---|---|
|            |   | <p>These floor boxes were planned for being equipped with 1 or 2 module devices of the wiring accessories series LIVINGLIGHT.</p> <p>Thanks to the cover with automatic shutting and hinge made of caoutchouc, they allow a very good protection degree (IP24-7).</p> <p>There are two finishes that can be stepped on: inox steel and brass, both of them particularly polished and which can carry a max. split up weight of 500 kg.</p> <p>By means of two specific boxes, the installation can be made in cement floors (with a min. depth of 50 mm) or in raised technical floors (with a min. depth of 60 mm).</p> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>– ext. diameter 100 mm</li> <li>– protrusion from the floor max. 4.5 mm</li> </ul> |
| ○ 150560AC |  | 2 module column, inox   |
| ○ 150560OT |  | 2 module column, brass  |
| ○ 150560SB |  | box for cement  |
| ○ 150560S  |  | underfloor flush mounted box  |
| ○ 150560F  |  | cutter diam. 86 mm  |



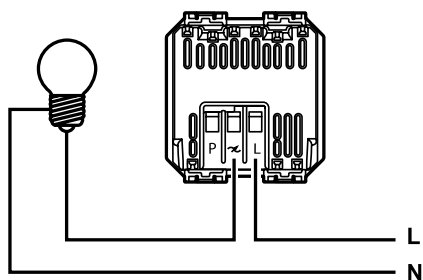
# TECHNICAL INFORMATION DIMENSIONAL DATA

# TECHNICAL INFORMATION

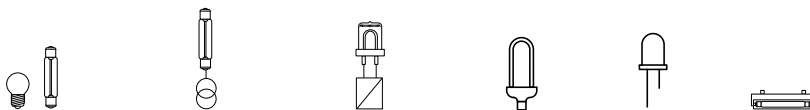
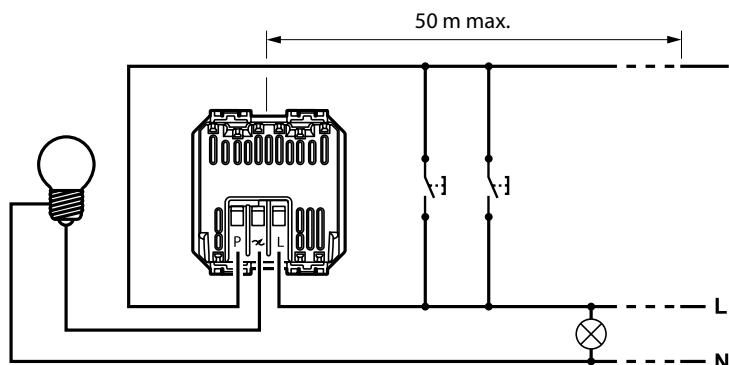
## Dimmer

### UNIVERSAL DIMMER: ELECTRICAL CONNECTIONS

Stand alone dimmer



Dimmer with remote pushbuttons



#### Loads

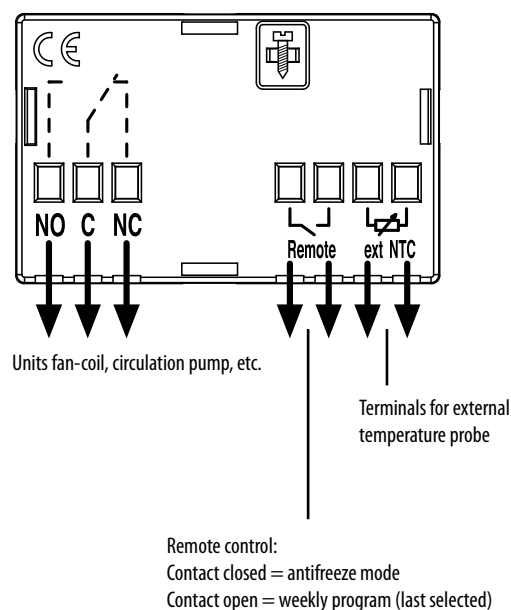
| Item                        | Type                    | range                         | supply std             | Incandescents and halogens | Halogens with ferromagnetic transformer | Halogens with electronic transformer | Dimmable compact fluorescents | Dimmable LED lamps      | Fluorescents with electronic 0-10 V ballast |
|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|---|--------------------------------------|-------------------------------|-------------------------|---|
| N4402N<br>NT4402N<br>L4402N | Resistive               | 230 Va.c.<br>50 Hz            | 230 Va.c.              | 60 - 500 W                 |   |                                      |                               |                         |   |
| N4406<br>NT4406<br>L4406    | Resistive               | 230 Va.c.<br>50 - 60 Hz       | 230 Va.c.              | 100 - 500 W                |   |                                      |                               |                         |   |
| N4408N<br>NT4408N<br>L4408N | Resistive<br>Inductive  | 100 - 240 Va.c.<br>50 - 60 Hz | 240 Va.c.<br>100 Va.c. | 20 - 600 W<br>20 - 300 W   | 20 - 600 VA<br>20 - 300 VA              |                                      |                               |                         |   |
| N4410N<br>NT4410N<br>L4410N | 0 - 10 V                | 100 - 240 Va.c.<br>50 - 60 Hz | 240 Va.c.<br>100 Va.c. |                            |   |                                      |                               |                         | 20 - 600 VA<br>20 - 300 VA                  |
| N4411N<br>NT4411N<br>L4411N | Universal               | 100÷240 Va.c.<br>50÷60 Hz     | 240 Va.c.<br>100 Va.c. | 3 ÷ 400 W<br>3 ÷ 200 W     | 3 ÷ 400 VA<br>3 ÷ 200 VA                | 3 ÷ 400 VA<br>3 ÷ 200 VA             | 3 - 150 VA<br>3 - 75 VA       | 3 - 150 VA<br>3 - 75 VA |   |
| N4581<br>NT4581<br>L4581    | Resistive               | 110 - 230 Va.c.<br>50 - 60 Hz | 230 Va.c.<br>127 Va.c. | 50 - 800 W<br>50 - 400 W   |   |                                      |                               |                         |   |
| N4582N<br>NT4582N<br>L4582N | Resistive<br>Capacitive | 110 - 230 Va.c.<br>50 - 60 Hz | 127 Va.c.<br>230 Va.c. | 50 - 400 W<br>50 - 700 W   | 50 - 400 W<br>50 - 700 W                |                                      | 50 - 300 W<br>50 - 300 W      |                         | 100 - 300 W<br>100 - 500 W                  |

## Thermostat

ITEM L/N/NT4451

### Technical data

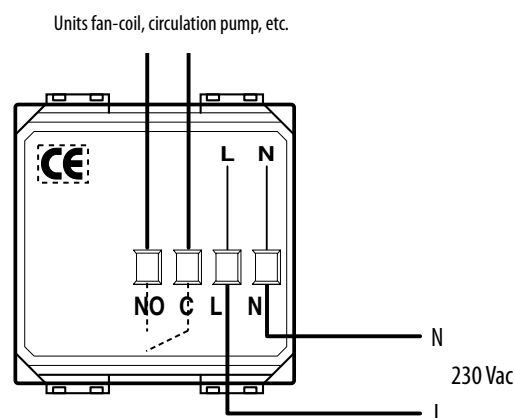
- operating temperature: 5 - 35°C;
- power supply: 2 x 1.5V alkaline batteries type LR6/AA;
- minimum time between one scheduled intervention and the next: 15 minutes;
- selectable temperature values: 3 - 40° C (with a minimum interval of 0.1° C);
- accuracy of controlled temperature:  $\pm 0.5^{\circ}\text{C}$ ;
- battery life: not less than one year;
- recessed installation;
- voltage free output contacts, maximum load: 5 (3)A;
- terminals for connecting an external temperature probe with the following characteristics: R (25 ° C) = 10k BETA = 3435 - max. length of the connection: 5 meters;
- possibility of remote activation through remote control (e.g. telephone switchboard, telephone actuator, system burglar alarm etc.).



ITEM L/N/NT4442

### Technical data

- power supply: 230 Vac  $\pm 10\%$  50/60 Hz 0,6W;
- maximum load output NO contacts: 2A  $\cos\phi$  1 - 0.5;
- room temperature adjustment range: 5 - 30°C;
- accuracy: 0.5°C;
- recommended installation: 1.5m from the ground (away from heat sources and air currents). Do not install in boxes where there are dimmers;
- electrical connection by means of terminals for cables: max  $\varnothing$  2.5 mm<sup>2</sup>;
- for heating and air conditioning systems: boilers, fan-coil units, air conditioners, fan coils;
- with "summer / winter" switch.



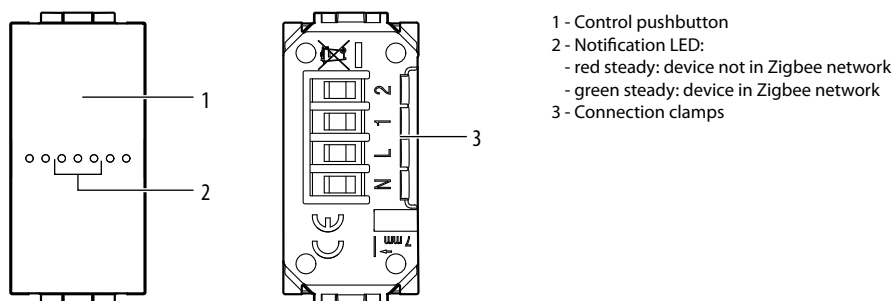
# TECHNICAL INFORMATION

## Devices for the Smart electrical system

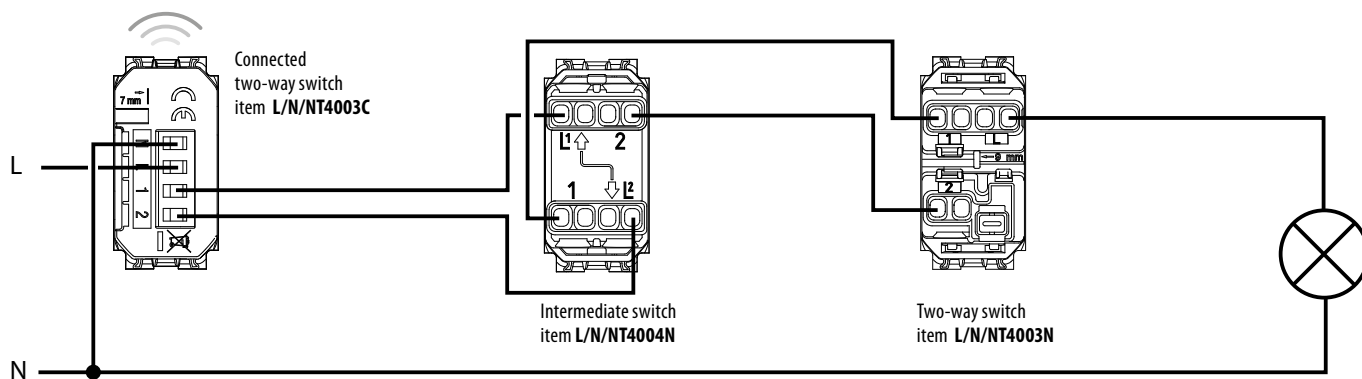
### TECHNICAL FEATURES FOR ALL DEVICES

- Technology: ZigBee certified product, Zigbee 3.0 public profile
- Performance: 200 m range in a free point-to-point field
- Band frequency: from 2.4 to 2.4835 GHz

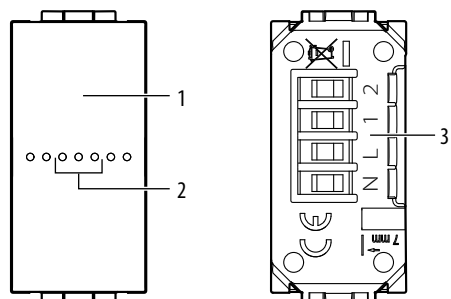
### CONNECTED TWO-WAY SWITCH ITEM L/N/NT4003C



Three-point lighting control with connected two-way switch item L/N/NT4003C in place of a traditional wo-way switch.



**CONNECTED DIMMER ITEM L/N/NT4411C**



- 1 - Control pushbutton
- 2 - Notification LED:
  - red steady: device not in Zigbee network
  - green steady: device in Zigbee network
- 3 - Connection clamps

Basic diagram

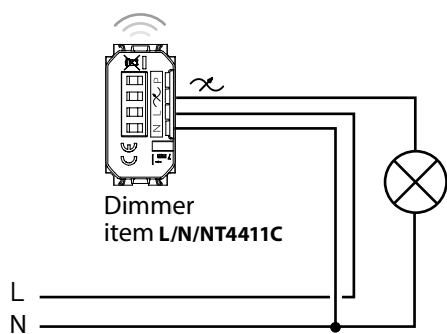
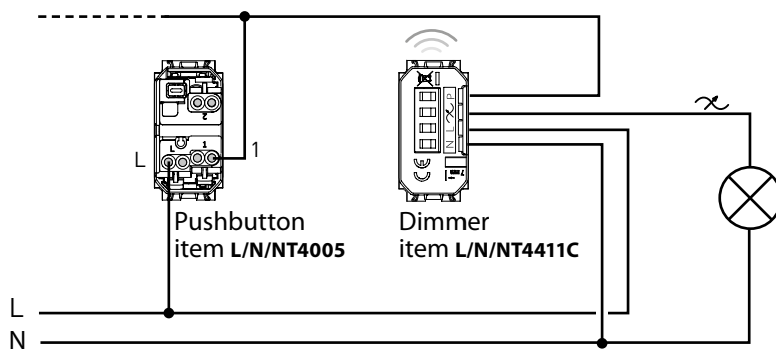


Diagram with remote control pushbuttons



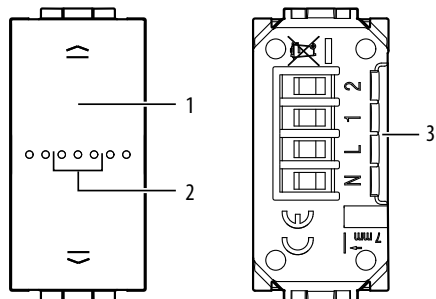
**Technical features**

|                                |                                 |                   |
|--------------------------------|---------------------------------|-------------------|
| <br><br>110 – 240 V~, 50/60 Hz |                                 | <p><b>LED</b></p> |
| Loads                          | Filament lamp or halogen lamp   | LED lamp          |
| <b>240 VAC</b>                 | 150 W                           | 150 W             |
| <b>100 VAC</b>                 | 75 W                            | 75 W              |
| <b>Technology</b>              | Radio (Wireless meshed network) |                   |
| <b>Power level</b>             | < 100 mW                        |                   |
| <b>Band frequency</b>          | from 2,4 to 2,4835 GHz          |                   |

# TECHNICAL INFORMATION

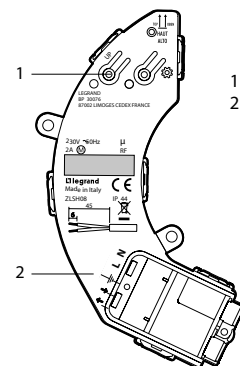
## Devices for the Smart electrical system

### SHUTTERS CONTROL ITEM L/N/NT4027C AND MICROMODULE ITEM 4027C



item L/N/NT4027C

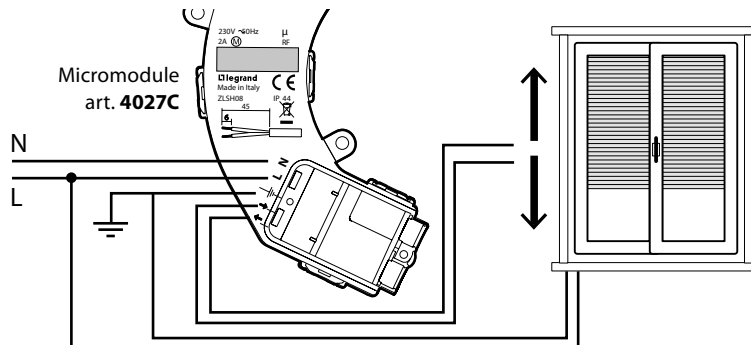
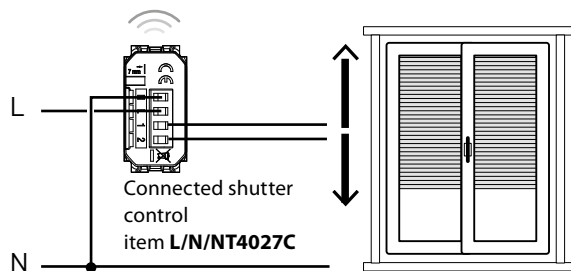
- 1 - Control pushbutton
- 2 - Notification LED
- 3 - Connection clamps



item 4027C




- 1 - Notification LED
- 2 - Connection clamps

### Wiring diagram



Warning: only compatible with standard motors  
(no pulse motors, no radio motors)

#### Technical features

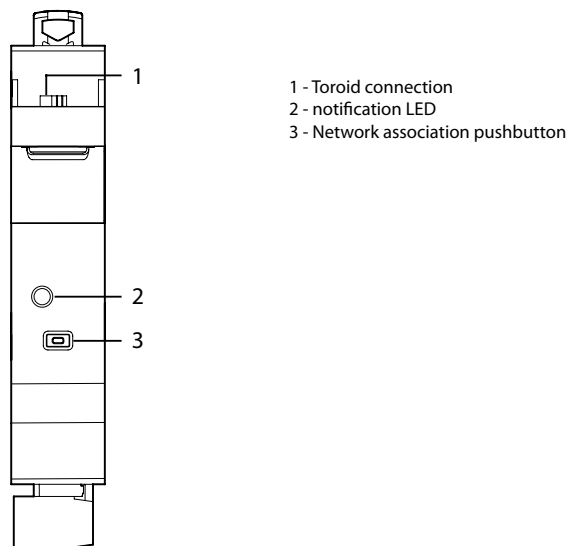
 +45 °C  
 +5 °C
  1 X 1,5 mm<sup>2</sup>  
 110 – 240 V~, 50/60 Hz



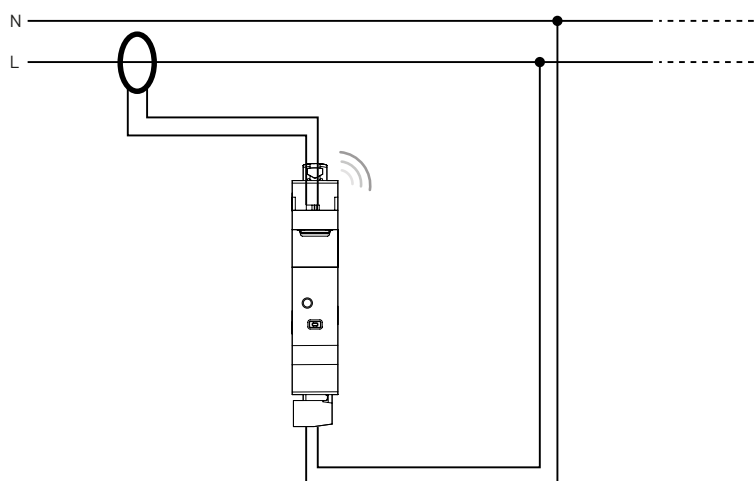
|                       |                                 |
|-----------------------|---------------------------------|
| Carichi               | Motor for shutters              |
| <b>240 VAC</b>        | 1 x 500 VA                      |
| <b>100 VAC</b>        | 1 x 270 VA                      |
| <b>Technology</b>     | Radio (Wireless meshed network) |
| <b>Power level</b>    | < 100 mW                        |
| <b>Band frequency</b> | from 2,4 to 2,4835 GHz          |



**CONNECTED DIN METER ITEM F20T60A AND ITEM F80GCS**



**Wiring diagram**



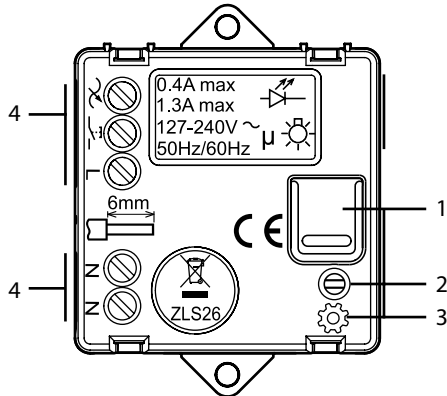
**Technical features**

|  |            |
|--|------------|
| <b>Voltage</b>                         | 100/240 V~ |
| <b>Maximum current measured (coil)</b> | 72 A       |
| <b>Frequency</b>                       | 50/60 Hz   |
| <b>Power level</b>                     | < 100mW    |
| <b>Stand-by current</b>                | 1 mA       |

# TECHNICAL INFORMATION

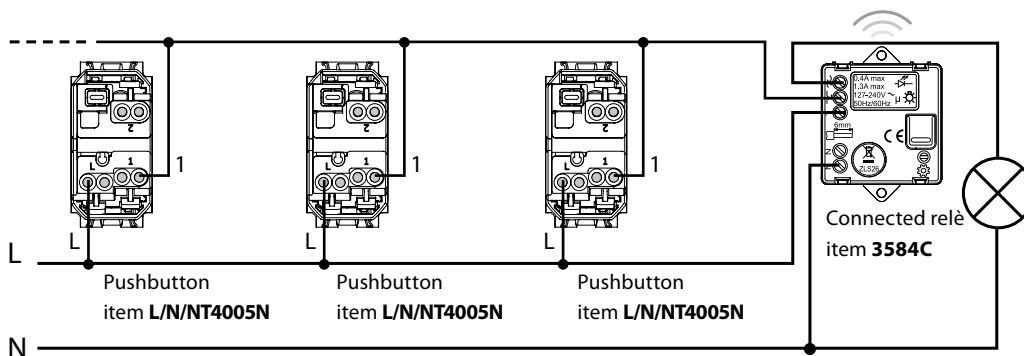
## Devices for the Smart electrical system

### CONNECTED LIGHT RELAY ITEM 3584C



- 1 - Control pushbutton
- 2 - Setting pushbutton
- 3 - Notification LED
  - red steady: device not in Zigbee network
  - green steady: device in Zigbee network
- 4 - Connection clamps

Three-point lighting control with buttons and connected relays item 3584C installed in place of a traditional relay



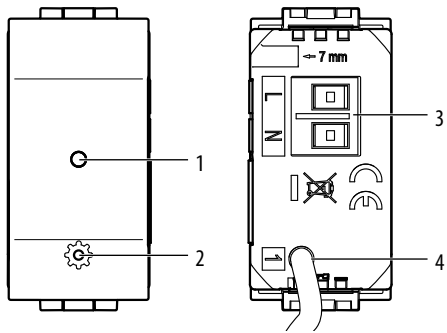
**Table of managed loads**

|                                  |          | R                                      |                       |                               | L                                |  |
|----------------------------------|----------|--|-----------------------|-------------------------------|----------------------------------|--|
| <br>                             | <br><br> | <br>                                   | <br>                  | <br>                          | <br>                             | <br>                                     |
|                                  |          | <br>                                   | <br>                  | <br>                          | <br>                             | <br>                                     |
| <b>Loads</b><br>240 V ~ 50/60 Hz | Max.     | Filament lamp or halogen lamp<br>300 W | LED lamp<br>(*) 100 W | Fluorescent compact<br>250 VA | Electronic transformer<br>250 VA | Ferromagnetic transformer (**)<br>250 VA |

\* or 10 maxi lamps

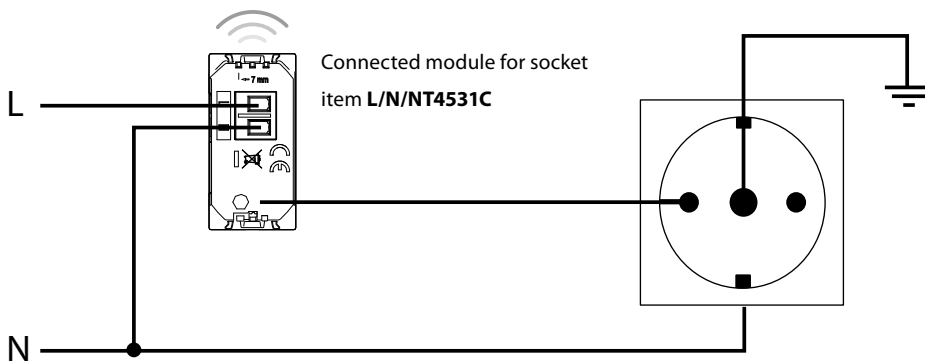
\*\* **warning:** ferromagnetic transformers must be charged at over 60% of their rated power.

**CONNECTED MODULE FOR SOCKET ITEM L/N/NT4531C**



- 1 - notification LED
- red steady: device not in Zigbee network
- green steady: device in Zigbee network
- 2 - Setting pushbutton
- 3 - Connection clamps
- 4 - load controlled phase cable

**Wiring diagram**



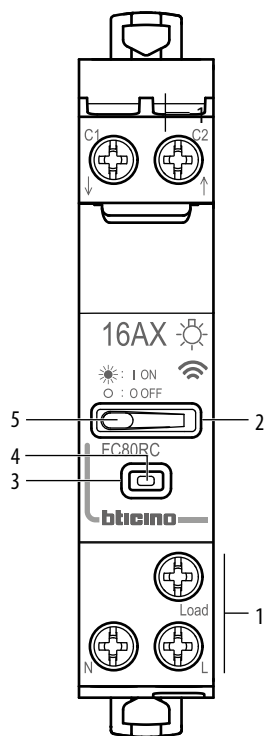
**Table of managed loads**

|                                    |               |              |                        |                           |                  |                     |          |                   |
|------------------------------------|---------------|--------------|------------------------|---------------------------|------------------|---------------------|----------|-------------------|
| <br>                               |               |              |                        |                           |                  |                     |          |                   |
|                                    | Filament lamp | Halogen lamp | Electronic transformer | Ferromagnetic transformer | Fluorescent tube | Fluorescent compact | LED lamp | Ventilation motor |
| Loads<br>230 Va.c. 3800 W cosφ 0,8 | 16 A          |              |                        |                           |                  |                     |          |                   |

# TECHNICAL INFORMATION

## Devices for the Smart electrical system

### CONNECTED DIN RELÈ ITEM FC80RC



1. Connection clamps
2. Control pushbutton
3. Notification LED  
Red: not associated to the system  
Off: associated to the system
4. Reset push button
5. Load status LED  
Green: closed contact  
Off: open contact

Diagram with control pushbuttons without voltage

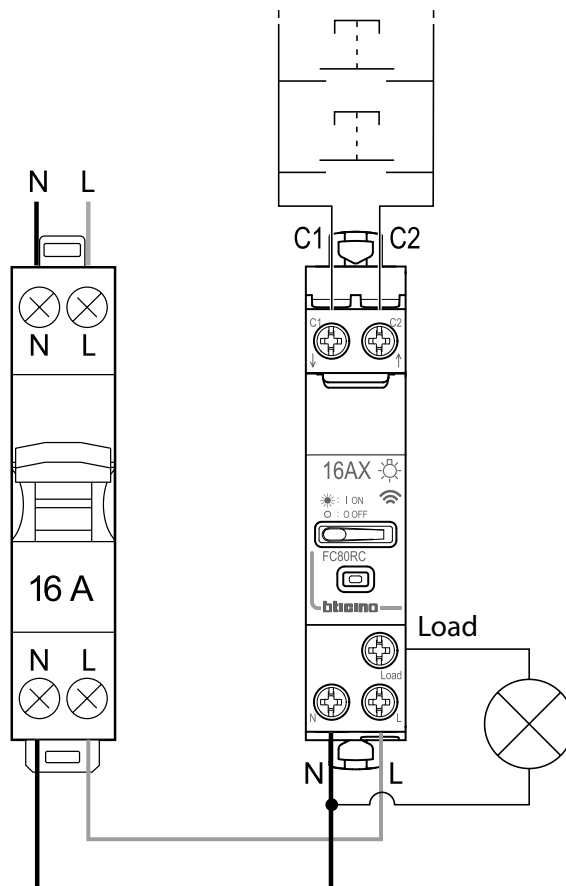




Table of managed loads

|                     | <br>+ 45 °C<br>- 5 °C |           | <br>N, L, LOAD |                        | <br>C1, C2                   |                         |
|---------------------|--|-----------|---|------------------------|------------------------------|-------------------------|
|                     |  |           | 2 x 2,5 mm <sup>2</sup>   | 1 x 6 mm <sup>2</sup>  | 2 x 1,5 mm <sup>2</sup>      | 1 x 2,5 mm <sup>2</sup> |
| Loads               | Filament lamp or halogen lamp  | LED lamp* | Fluorescent compact   | Electronic transformer | Ferromagnetic transformer ** |                         |
| Power               | 3840 W   | 650 W     | 650 VA  | 3000 VA                | 3000 VA                      |                         |
| Voltage             | 240 Vac  |           |   |                        |                              |                         |
| Operating frequency | 50 Hz  |           |   |                        |                              |                         |
| Technology Radio    | Wireless meshed network  |           |   |                        |                              |                         |
| Power level         | <100mW   |           |   |                        |                              |                         |
| Band frequency      | from 2,4 to 2,4835 GHz   |           |   |                        |                              |                         |
| Power dissipation   | <0,4W without load / <1,7W with load   |           |   |                        |                              |                         |
| Sound emission      | <10dB  |           |   |                        |                              |                         |
| Dimensional data    | 1 module DIN   |           |   |                        |                              |                         |

(\*) Or 10 maxi. lamps For good lighting comfort, we recommend the use of lamps of the same type and from the same supplier.

(\*\*) Caution: - Ferromagnetic transformers must be charged at over 60% of their rated power.

- During the calculation of the permitted power, take into account the performance of ferromagnetic transformers.

- A load must be connected before programming and using the product.

- Use only with transformers designed to work with electronic switches.

**CONNECTED CONTACTOR ITEM FC80CC**

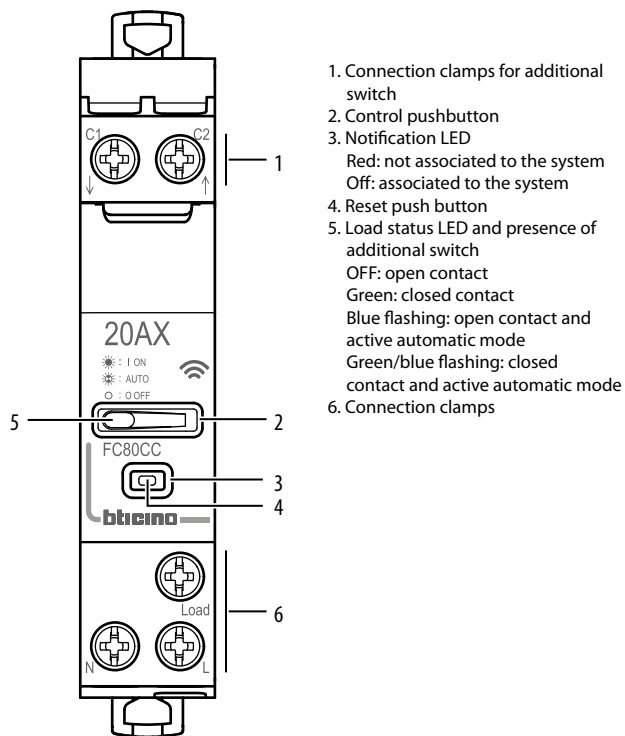
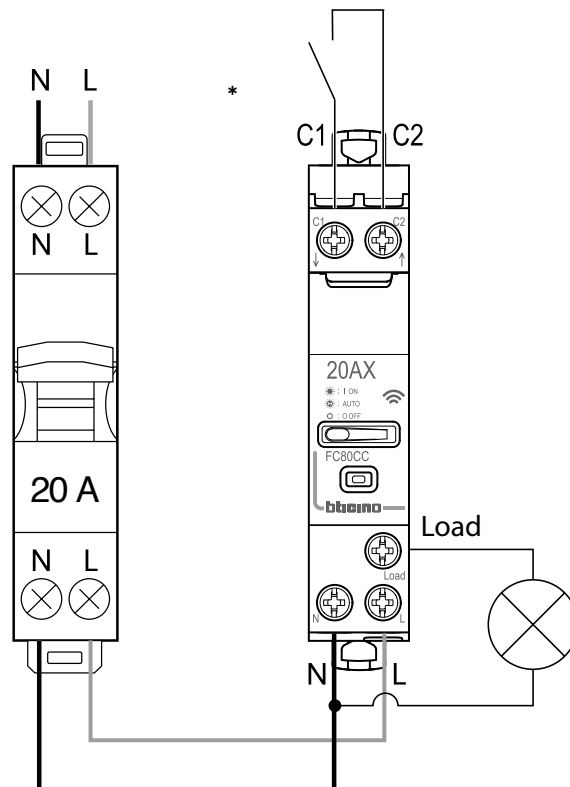


Diagram with control pushbuttons without voltage



\*: the control from an additional switch takes priority over the other operating modes.

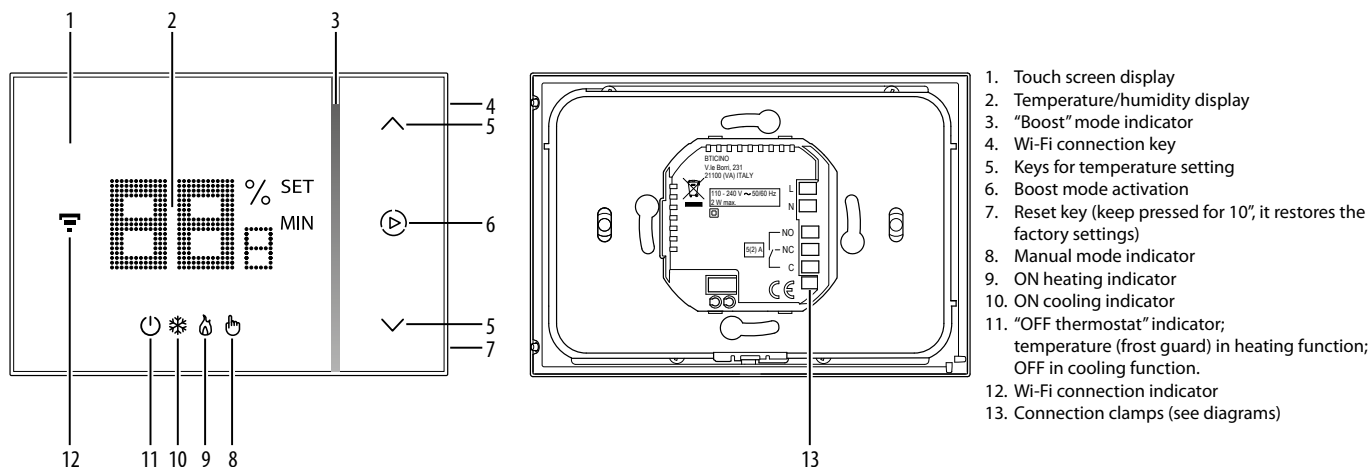
**Table of managed loads**

|                     |   |         |   |  |
|---------------------|---|---------|---|--|
| + 45 °C<br>- 5 °C   | N, L, LOAD<br>2 x 2,5 mm <sup>2</sup> 1 x 6 mm <sup>2</sup> |         | C1, C2<br>2 x 1,5 mm <sup>2</sup> 1 x 2,5 mm <sup>2</sup> |  |
|                     |   |         |   |  |
| Loads               | Resistive loads   | Motor   |   |  |
| Power               | 4800 W  | 2400 VA |   |  |
| Voltage             | 240 Vac   |         |   |  |
| Operating frequency | 50 Hz   |         |   |  |
| Technology Radio    | Wireless meshed network                                     |         |   |  |
| Power level         | <100mW  |         |   |  |
| Band frequency      | from 2,4 to 2,4835 GHz                                      |         |   |  |
| Power dissipation   | <0,4W without load / <1,7W with load                        |         |   |  |
| Sound emission      | <10dB   |         |   |  |
| Dimensional data    | 1 module DIN  |         |   |  |

# TECHNICAL INFORMATION

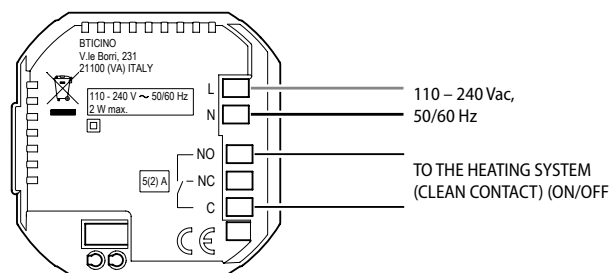
## Devices for the Smart electrical system

### SMARTHER2 ITEM XW/XM/XG8002

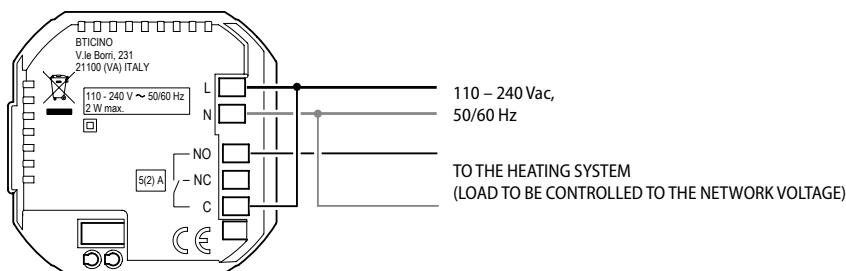


### Wiring diagrams

#### System only for heating with clean contact (e.g. boiler agreement)



#### System only for heating with load to be controlled to the network voltage (e.g. 230Vac solenoid valve)

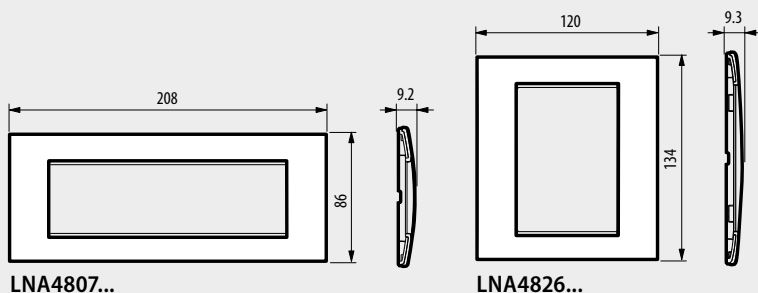
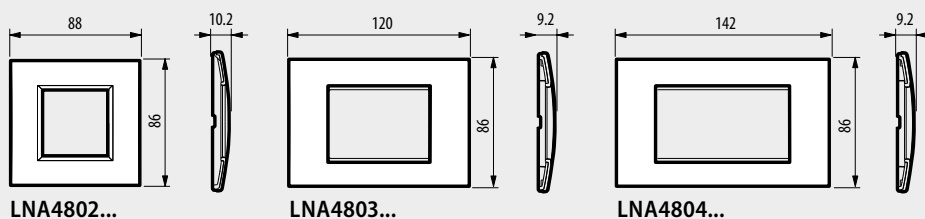


For other diagrams, consult the documentation supplied with the device.

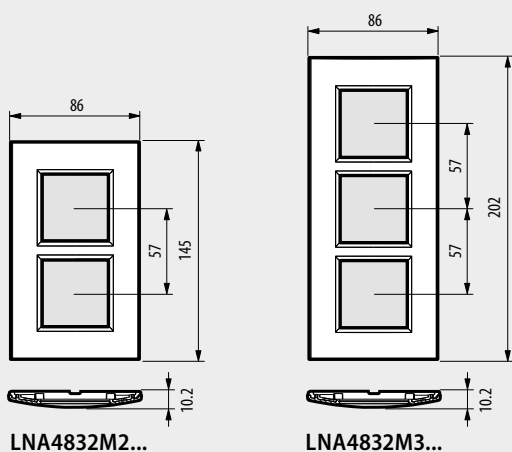
# DIMENSIONAL DATA

## LIVINGLIGHT square cover plates

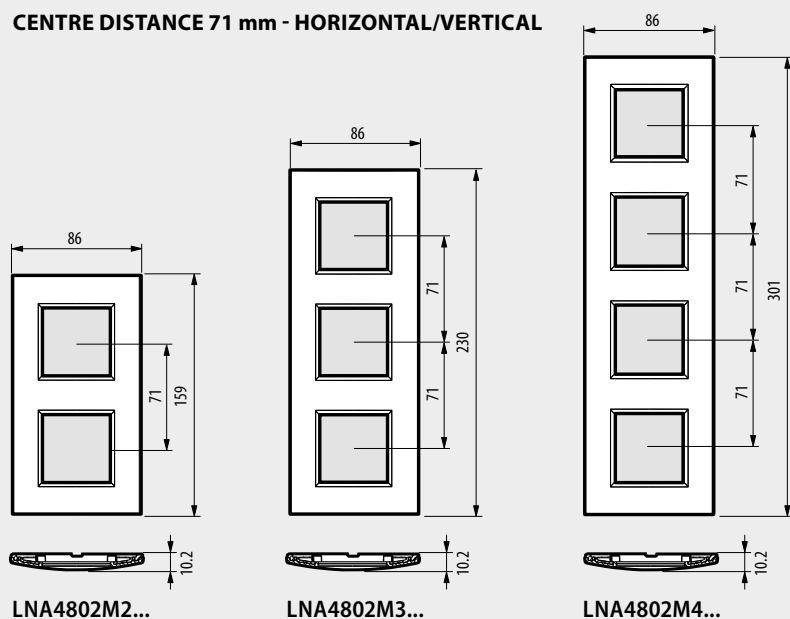
### SQUARE COVER PLATES



### CENTRE DISTANCE 57 mm - HORIZONTAL/VERTICAL



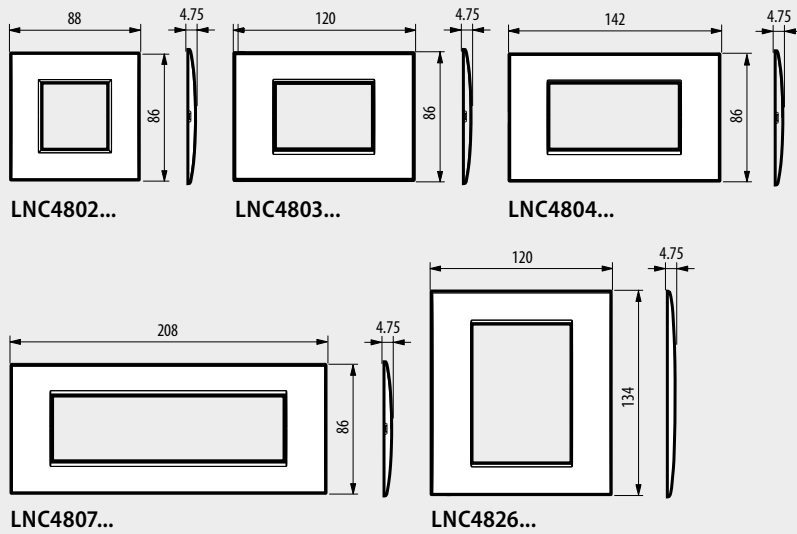
### CENTRE DISTANCE 71 mm - HORIZONTAL/VERTICAL



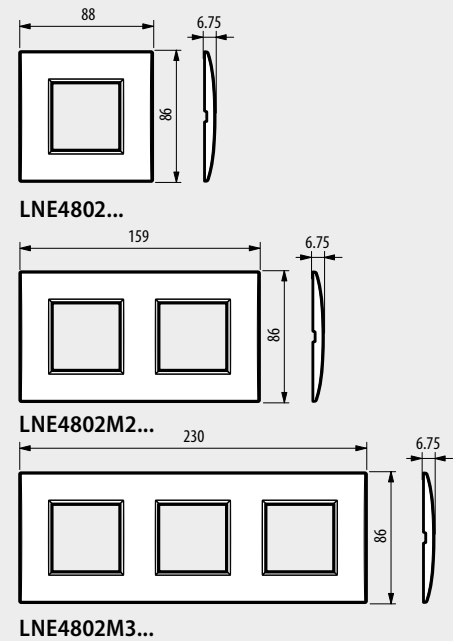
# DIMENSIONAL DATA

## LIVINGLIGHT AIR cover plates

### LIVINGLIGHT AIR COVER PLATES (3 MODULE AREA SYSTEM)

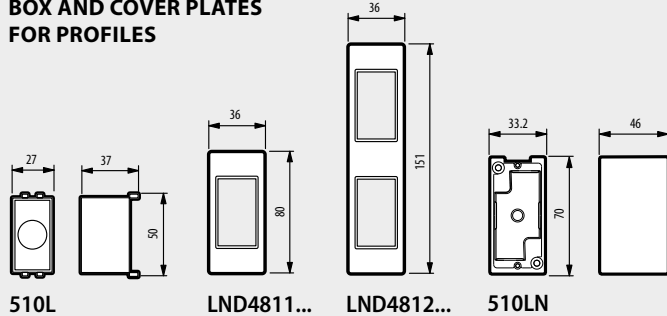


### LIVINGLIGHT AIR COVER PLATES (2 MODULE AREA SYSTEM)

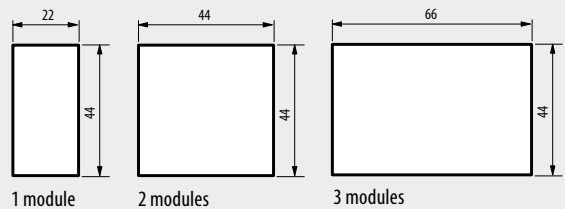


## Box and cover plates for rails

### BOX AND COVER PLATES FOR PROFILES

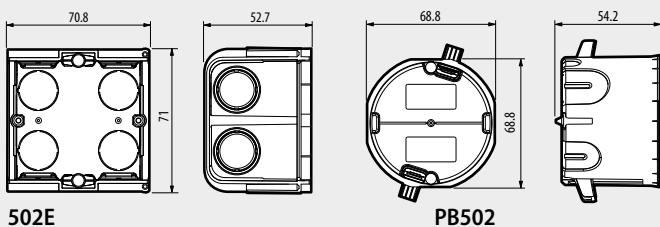


### MODULAR DEVICES

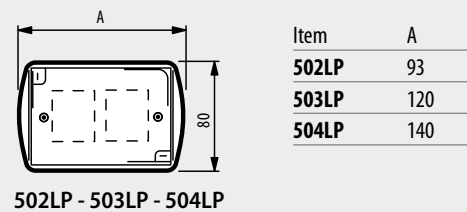


### FLUSH MOUNTED BOXES

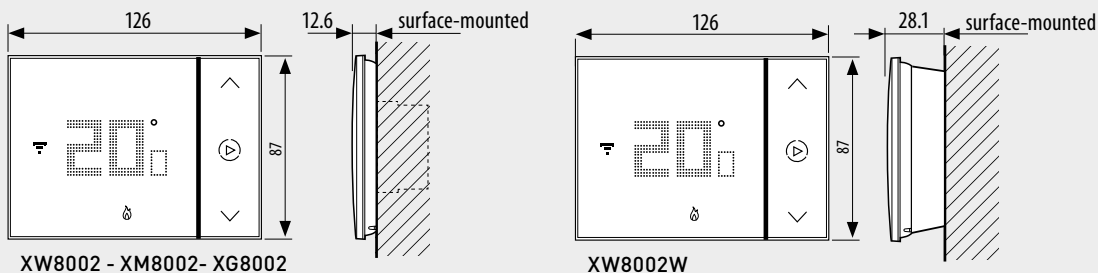
(for installation of 2 module AIR cover plates)



### LIVING INTERNATIONAL WALL MOUNTED BOXES



### SMARTHER

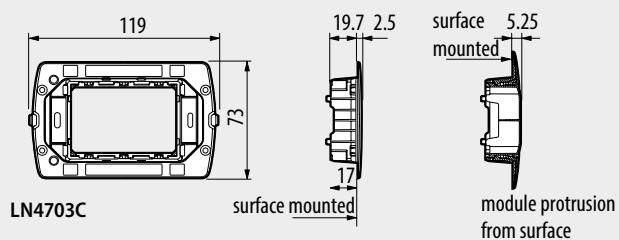




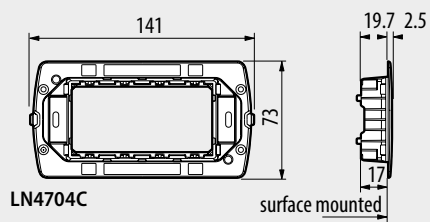
# DIMENSIONAL DATA

## Livinglight AIR supports

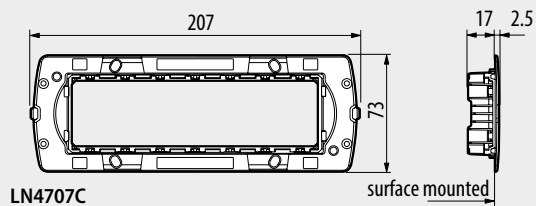
### 3-MODULE SUPPORT



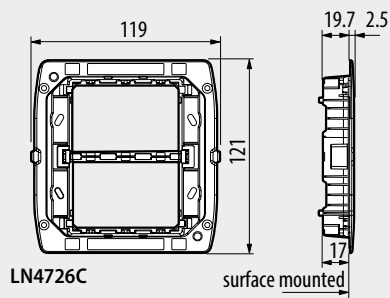
### 4-MODULE SUPPORT



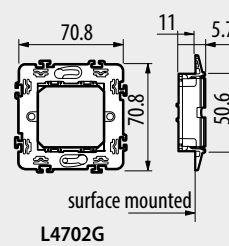
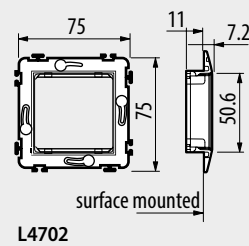
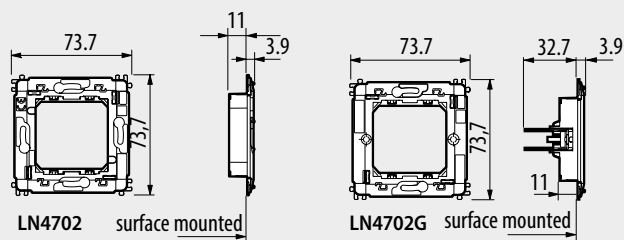
### 7-MODULE SUPPORT



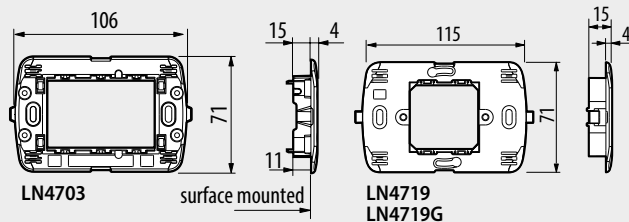
### 3+3-MODULE SUPPORT



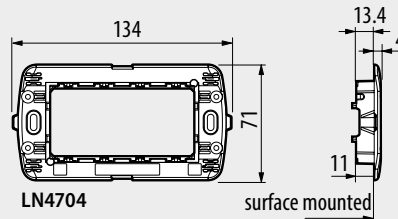
### 2-MODULE SUPPORT



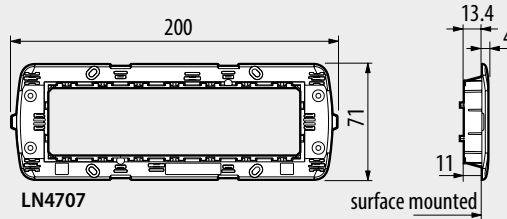
### 3-MODULE SUPPORT



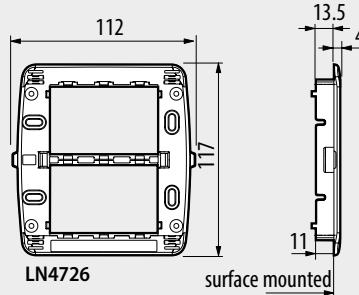
### 4-MODULE SUPPORT



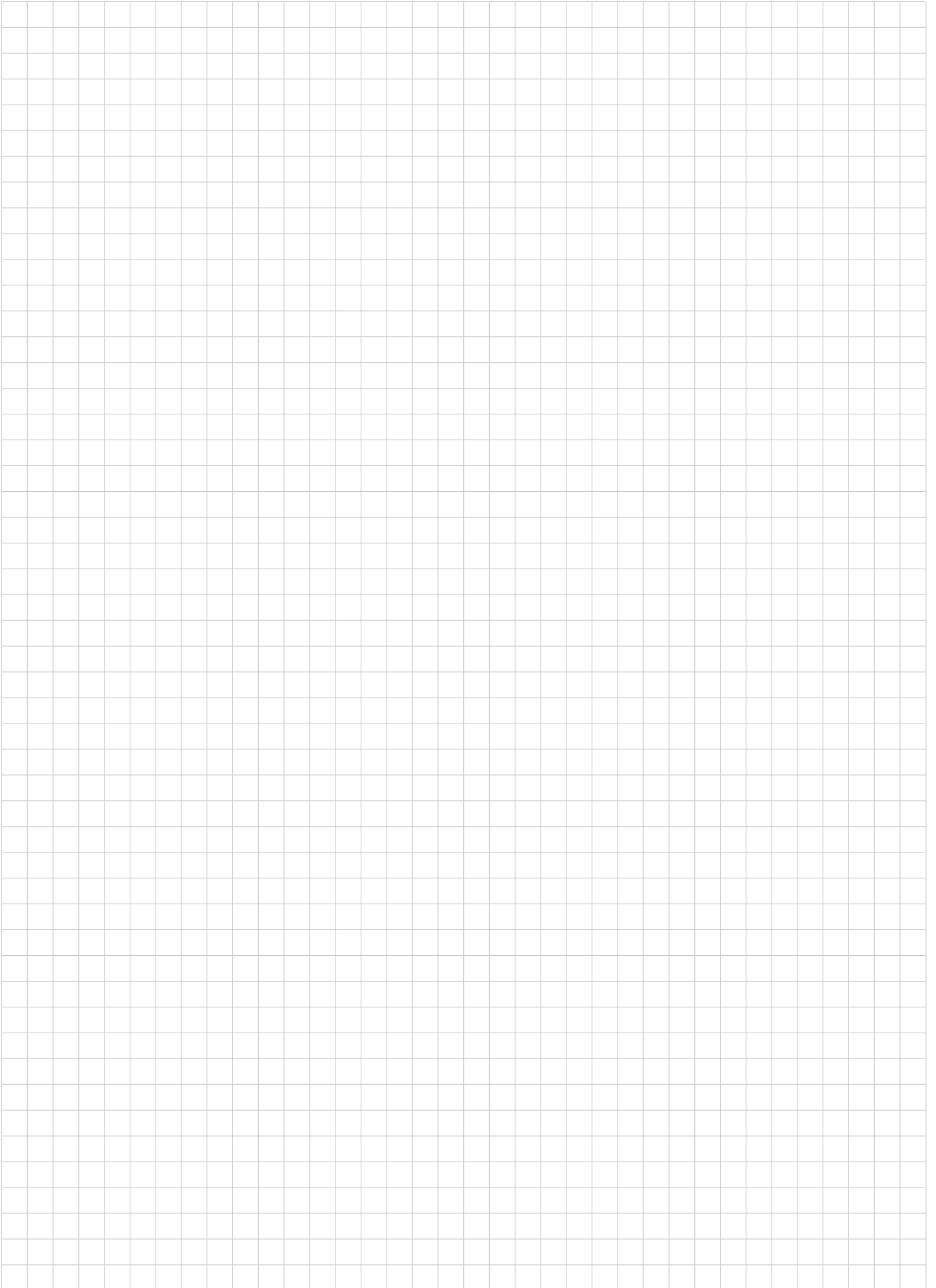
### 7-MODULE SUPPORT



### 3+3-MODULE SUPPORT



# NOTE





**BTicino** SpA  
Viale Borri, 231  
21100 Varese - Italy  
[www.bticino.com](http://www.bticino.com)

BTicino S.p.A. reserves at any time the right to modify the contents of this booklet and to communicate, in any form and modality, the changes brought to the same.

AD-EXLL2M20C/GB – Edition 11/2020