



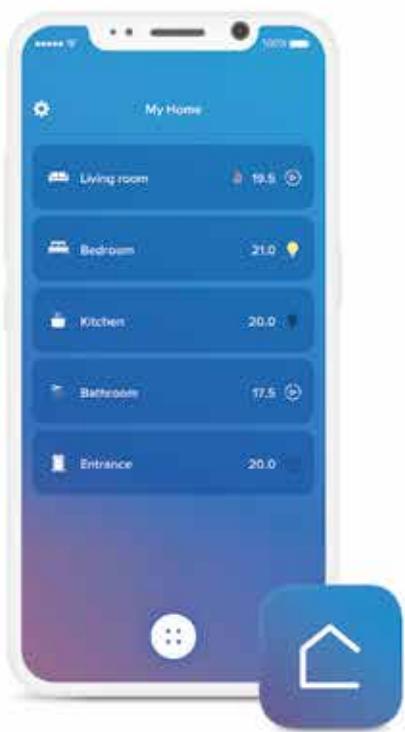
**bticino**



**bticino**



# Livinglight



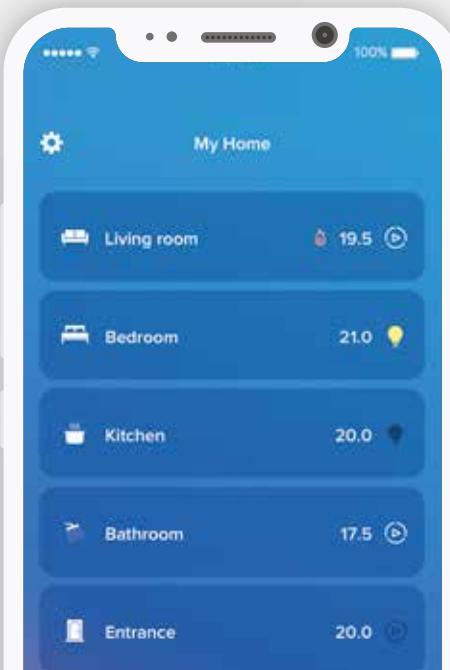
App Home + Control

**bticino**

# Now the system is also Smart



Livinglight WITH **Netatmo**



App Home + Control

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

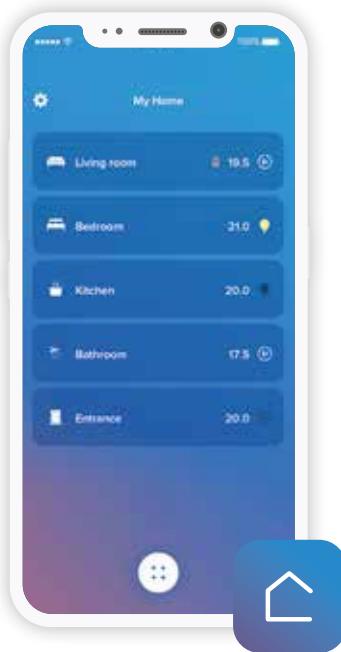
# Livinglight

## 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



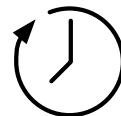
REMOTE  
CONTROL



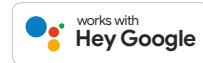
CREATION OF  
SCENARIOS



VOICE  
CONTROL



PLANNING  
PROGRAMMED



# Livinglight

WITH  
Netatmo

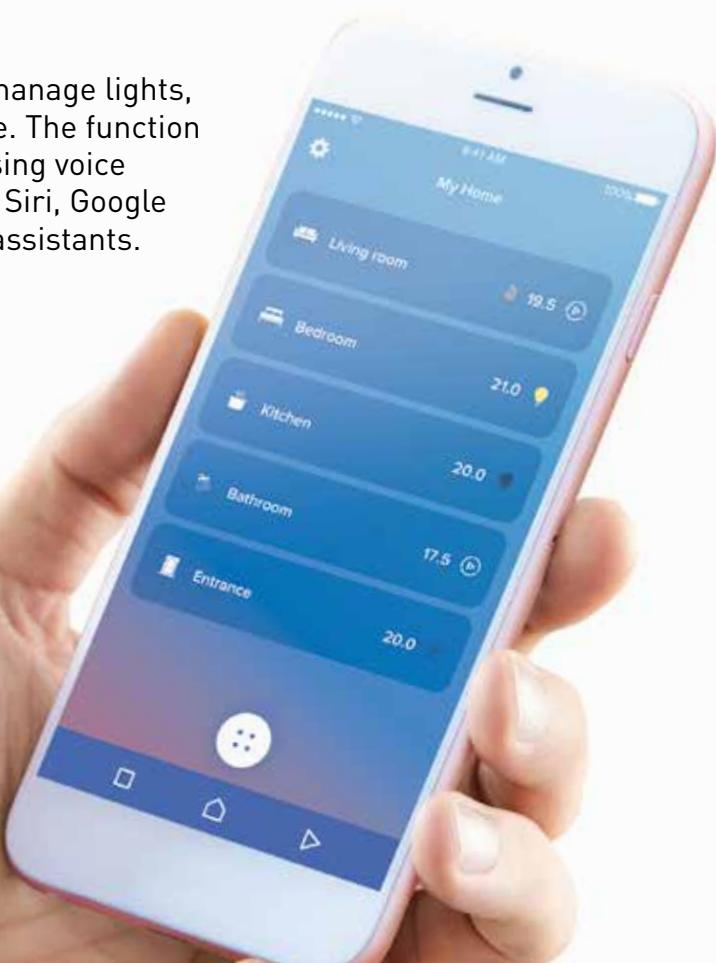
# Smart electric system

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

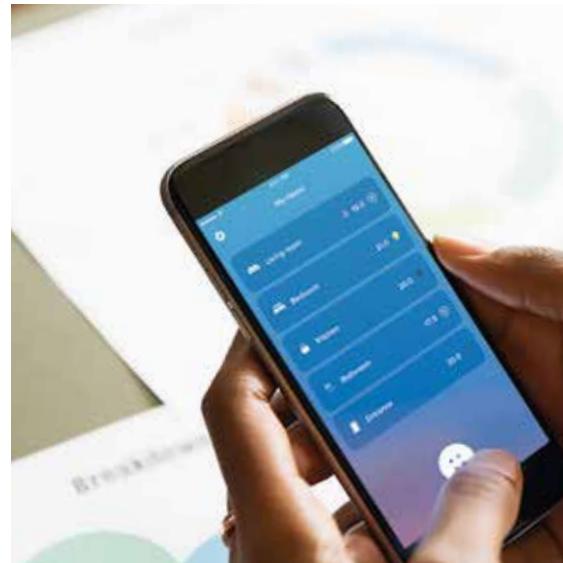


**GENERAL CONTROL**

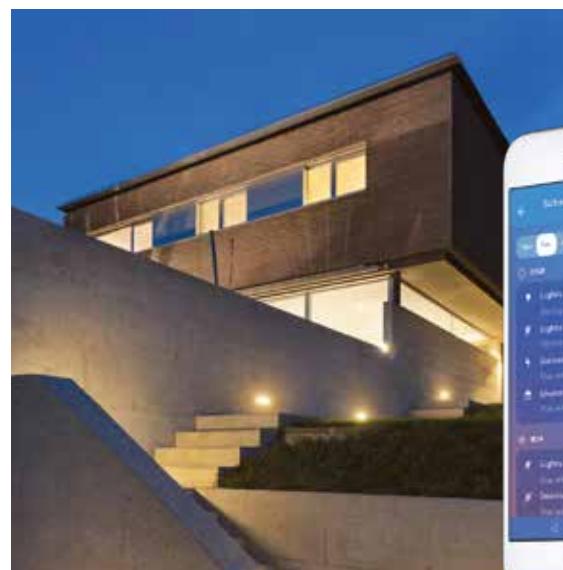
With one single click, a general control will allow you to switch off all the lights and lower all the shutters when you leave your home, or to activate your favourite scenario.

**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 Smarther 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.

# 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.



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

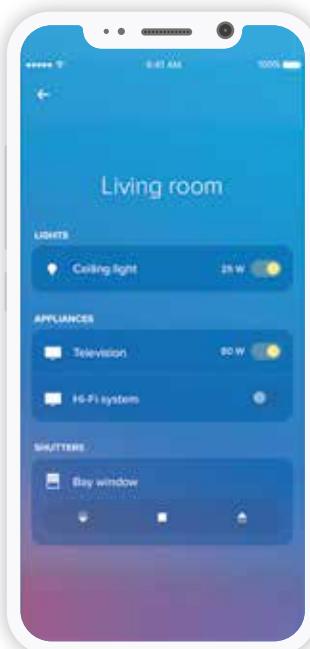
## WHAT YOUR CUSTOMER CAN DO:

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\*.

## HOME + CONTROL

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

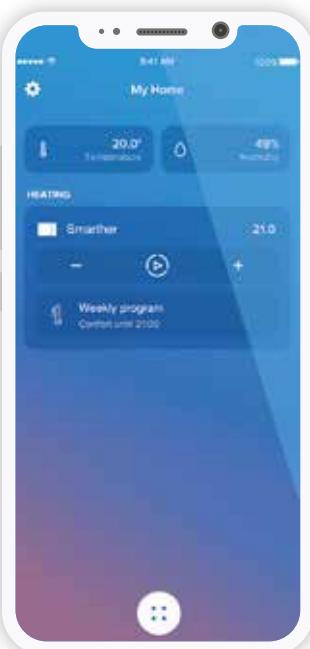
You simply have to download the App from the Apple or Google store, and follow the guided procedure.



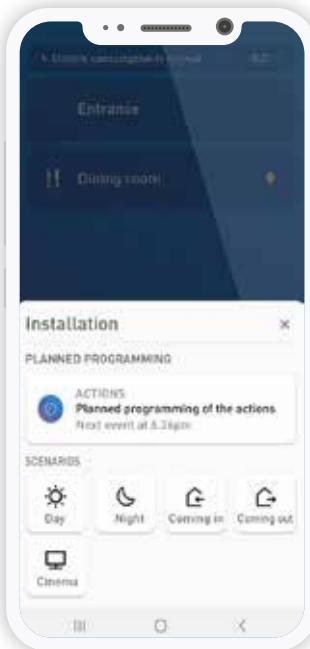
Lights, shutters and generic loads activations



Consumption display



Management of the temperature



Scenario management



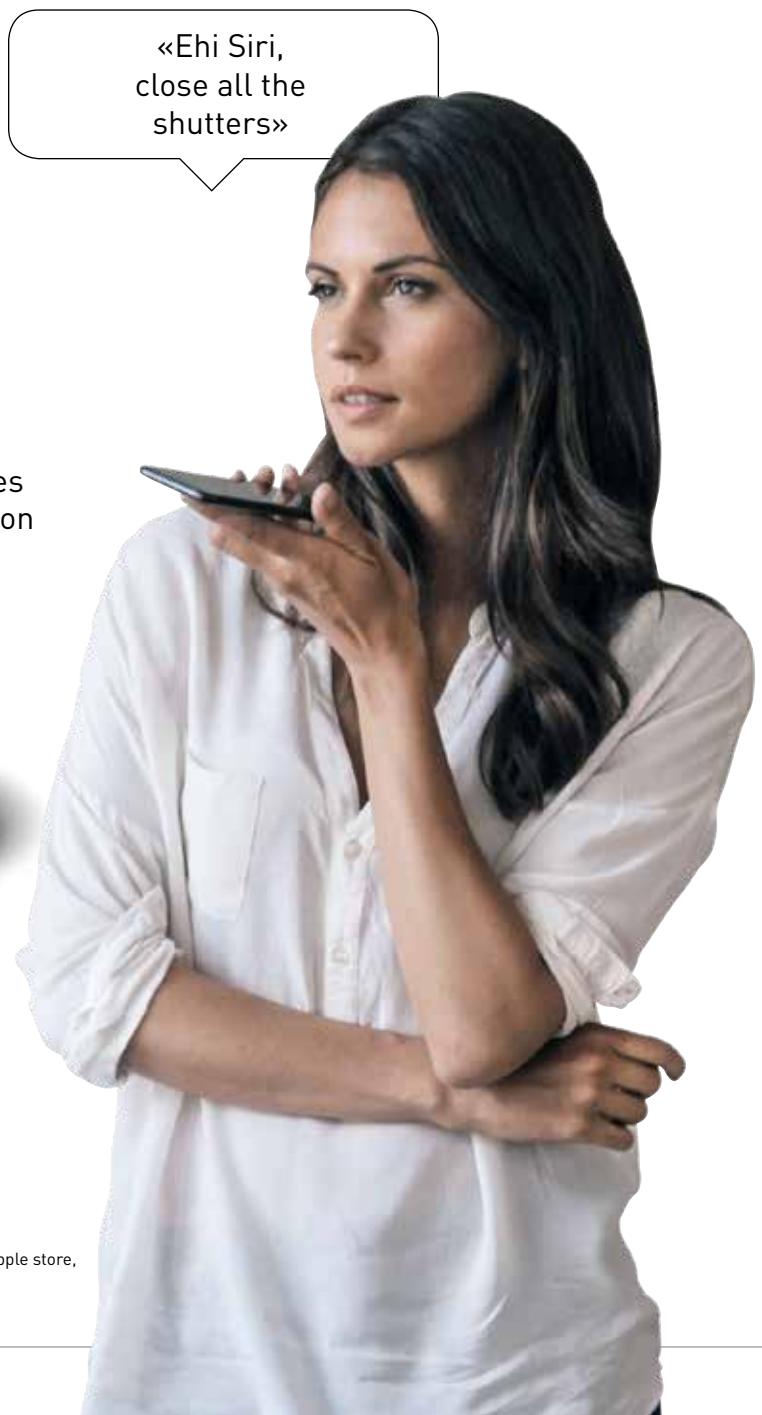
#### INTEGRATION WITH IFTTT

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.

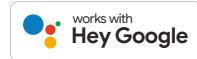
# Manage the home also with the voice

Use the Apple,  
Google and Amazon  
voice assistants.

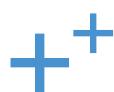
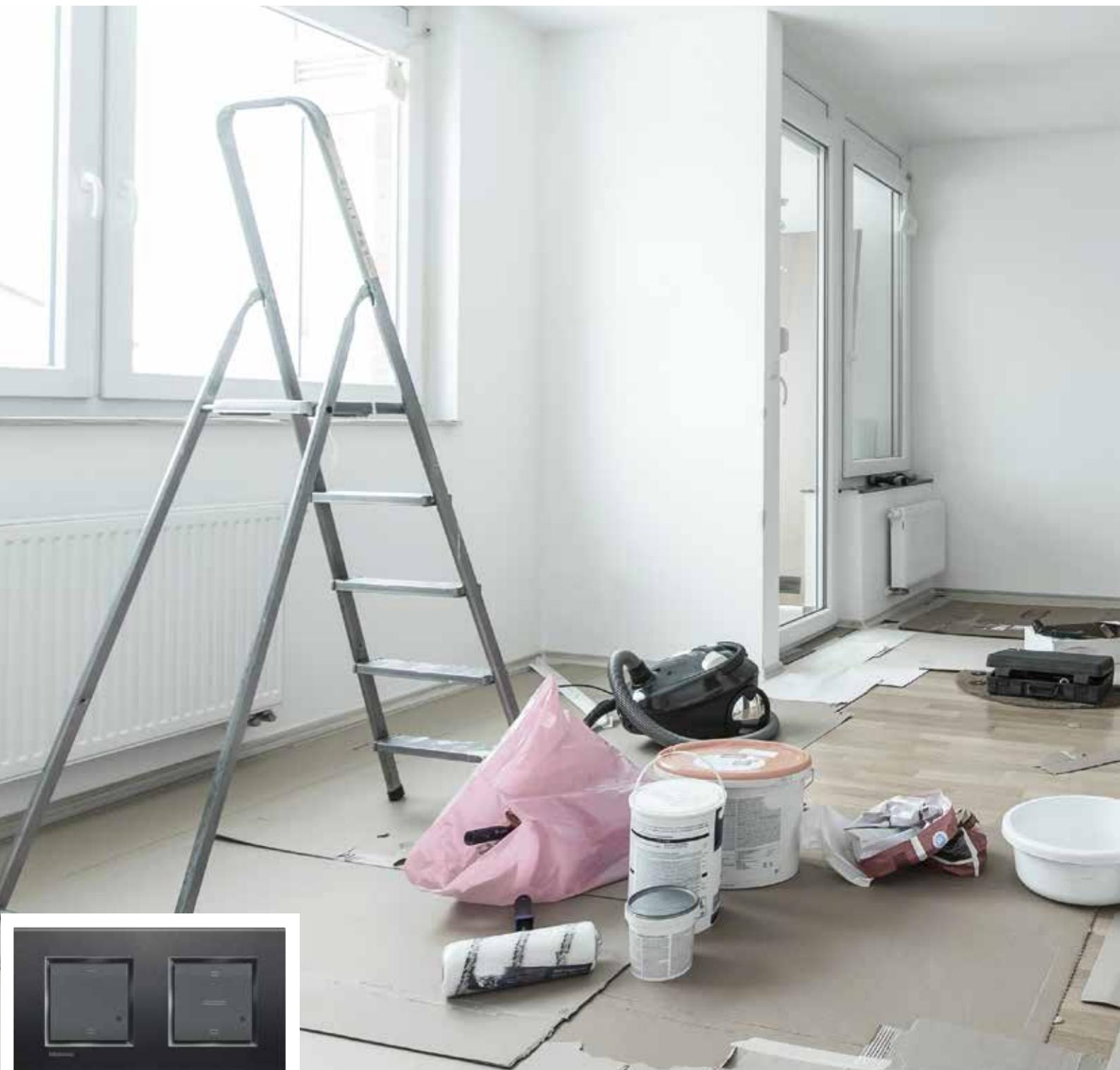
Using their preferred voice assistants,  
your customers can control their homes  
hands-free: an extremely useful function  
also for those with mobility problems.



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



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



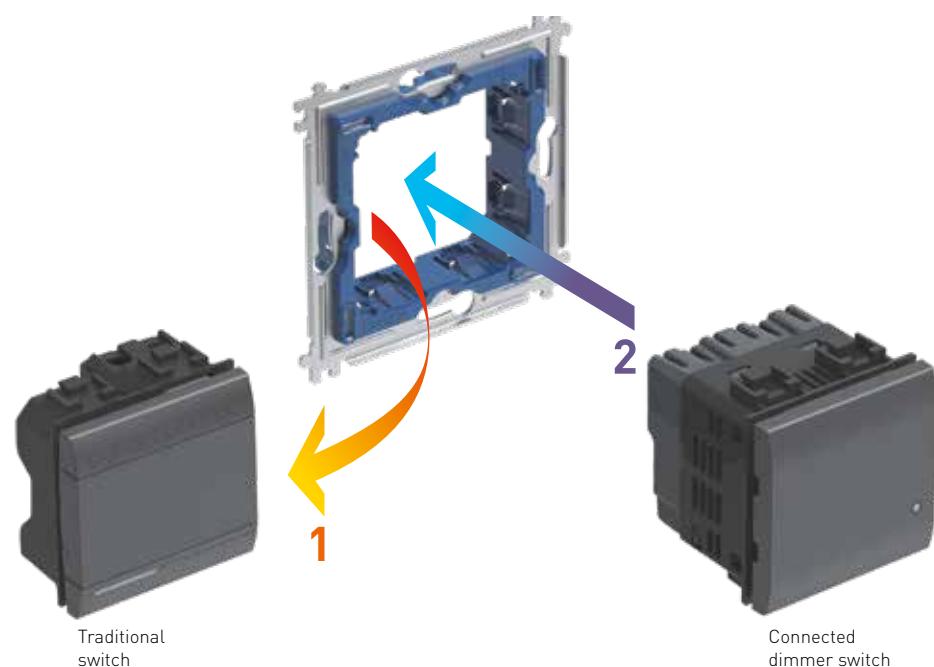
PLANNING  
PROGRAMMED



# The ideal solution for refurbishment

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

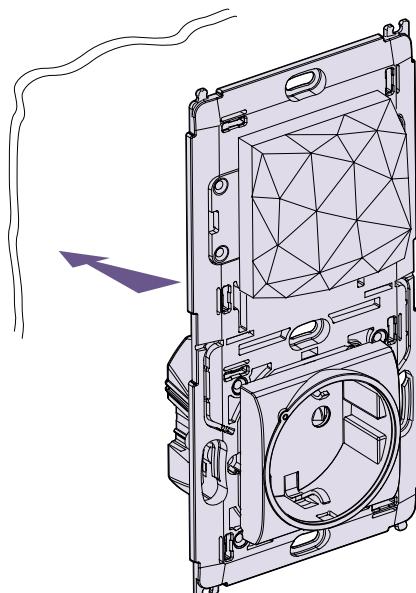
Suggest them to upgrade to a Smart system by replacing some traditional devices with some similar connected ones. It's the ideal solution also for those who want to install a new Smart electric system without renouncing to the Livinglight design.



EXAMPLE OF REPLACEMENT OF A TRADITIONAL DIMMER WITH A CONNECTED ONE

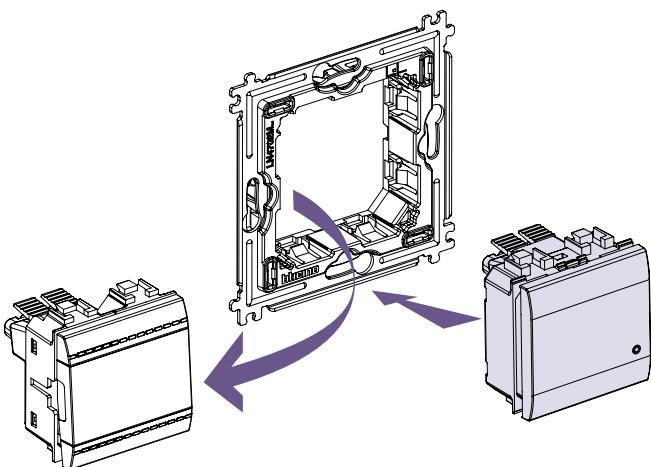
Turn a traditional system into a Smart system with just a few simple steps.

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

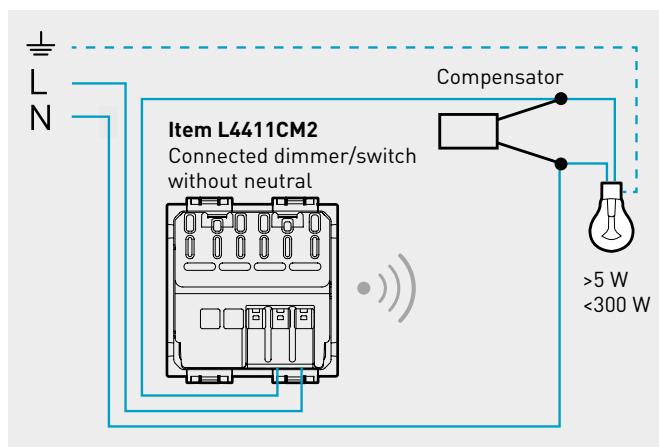


Flush mounted gateway with socket.  
Ensure appropriate home Wi-Fi signal.

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

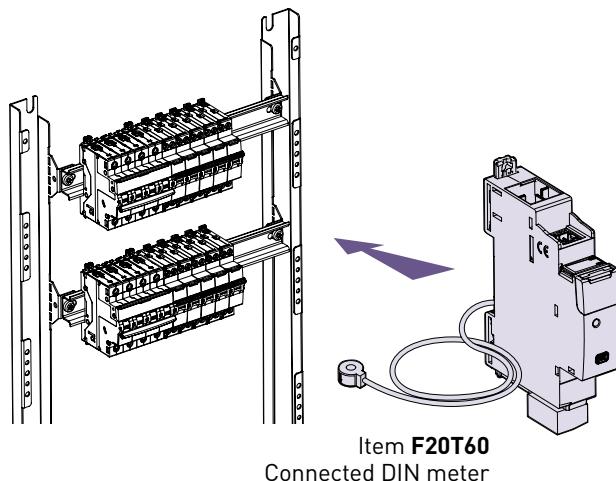


In place of a traditional device, install the connected device of the corresponding type for the managing of lights, shutters and sockets: one for each control line.

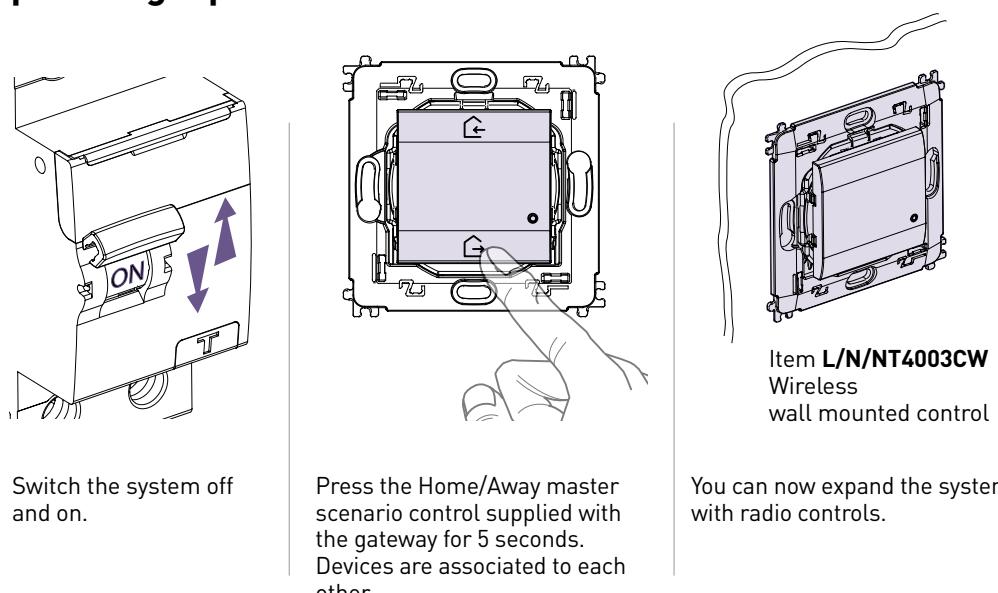


Example of connected dimmer/switch wiring

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



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



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



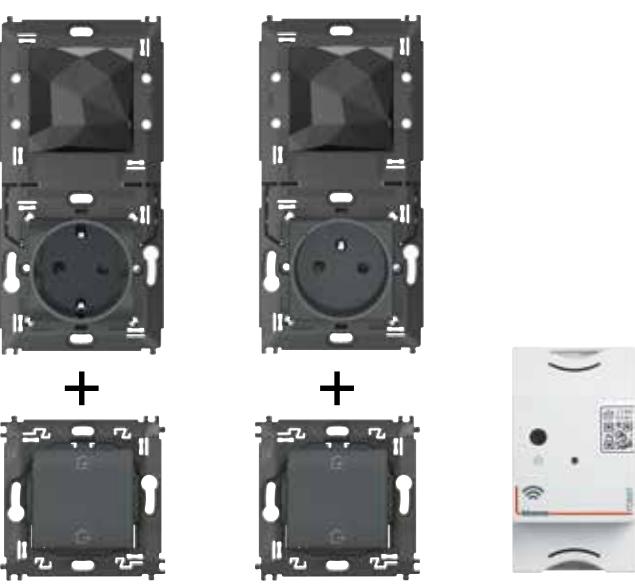
App Home + Control

Scarica su  
App Store

DISPONIBILE SU  
Google Play

## 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> Gateway with german standard socket and Home/Away wireless switch</p> <p><b>Item L/N/NT4502C</b> Gateway with french/belgian standard socket and Home/Away wireless switch</p> <p><b>Item FC80GT</b> Gateway DIN</p>	
<p><b>BATTERY WIRELESS CONTROLS</b></p> 	 <p><b>Item L/N/NT4570CW</b> Home/Away wireless switch</p> <p><b>Item L/N/NT4575CW</b> 4 scenarios control</p> <p><b>Item L/N/NT4574CW</b> Night&amp;Day scenario control</p>

LIGHTS	SHUTTERS	ENERGY AND CONSUMPTION MANAGEMENT
<p><b>Item L/N/NT4411CM2</b> Connected switch/dimmer</p>	<p><b>Item L/N/NT4027CM2</b> Connected shutter switch</p>	<p><b>Item L/N/NT4141AC</b> Connected german standard socket</p>
<p><b>Item FC80RC</b> Connected DIN relay 16 A</p>	<p><b>Item 3584C</b> Connected light relay 1,3 A</p>	<p><b>Item 4027C</b> Connected micromodule for shutter</p>
<p><b>Item L/N/NT4003CW</b> Light control</p>	<p><b>Item 3585C</b> Motion sensor</p>	<p><b>Item F20T60A</b> Connected DIN meter</p>
<p><b>Item L/N/NT4003DCW</b> Double light control</p>	<p><b>Item 3577C</b> Wireless module for mechanical switch</p>	<p><b>Item FC80GCS</b> Connected DIN load management</p>
	<p><b>Item L/N/NT4027CW</b> Shutter control</p>	<p><b>Item 4141PC</b> Mobile german standard power outlet</p>
		<p><b>Item 4142PC</b> Mobile french/belgian standard power outlet</p>
		<p>Connected thermostat</p> <p><b>Item XW8002</b> <b>Item XW8002W</b> <b>Item XM8002</b> <b>Item XG8002</b></p>

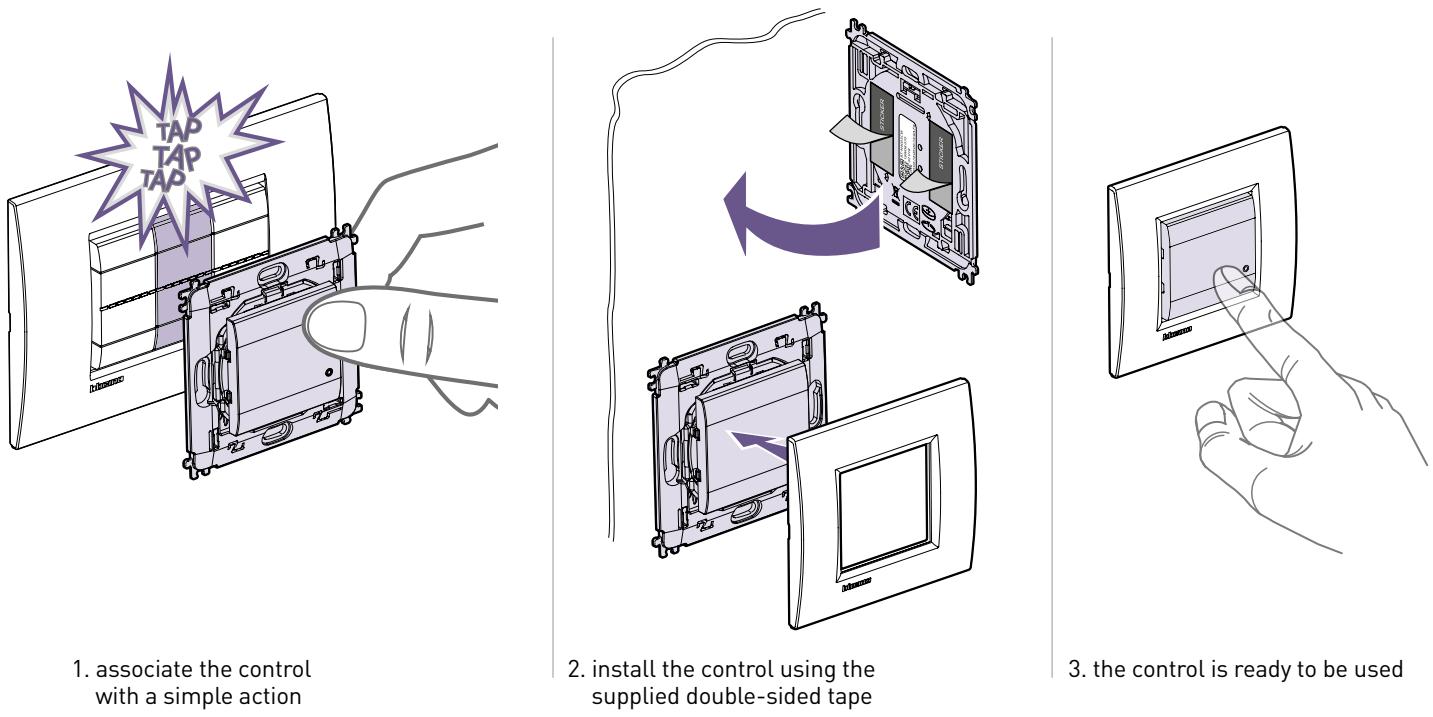
Note: The devices are also available in Light white and Tech gray finishes.  
See catalogue for detailed descriptions, availability and full range of products.

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

## WALL MOUNTED INSTALLATION

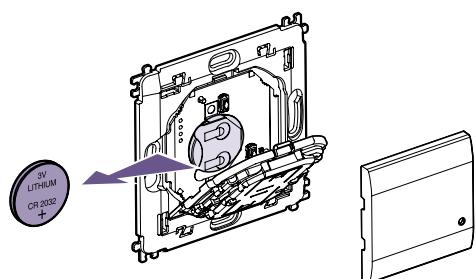


## IT CAN BE INSTALLED IN A FEW SECONDS



## POWER SUPPLY WITH LONG-LIFE BATTERIES

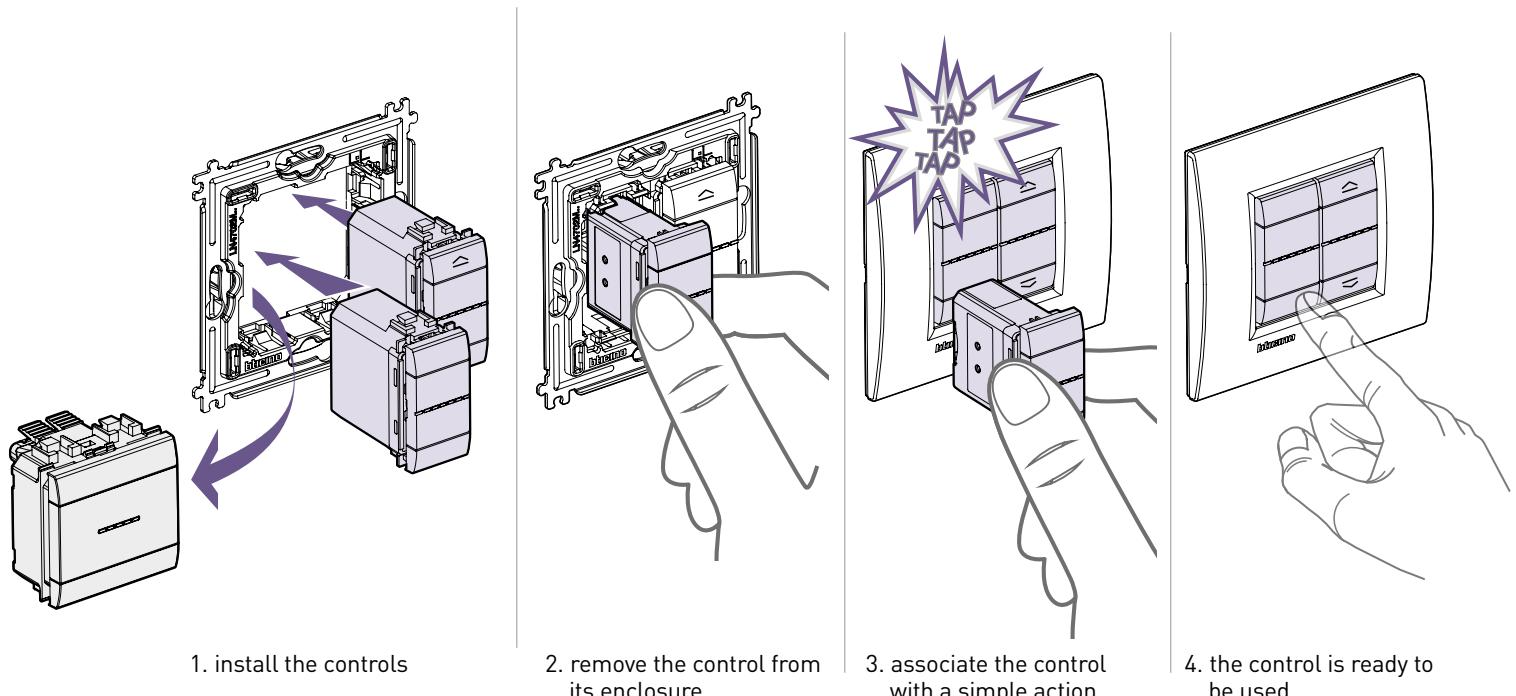
The control is powered by a CR2032 battery, capable of guaranteeing operation for 8 years.



## FLUSH MOUNTED INSTALLATION

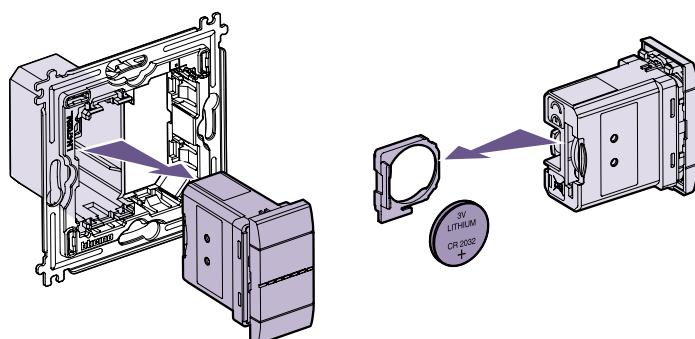


## IT CAN BE INSTALLED IN A FEW SECONDS



## 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.

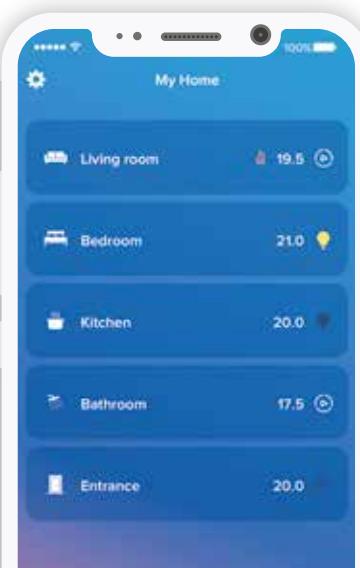




# The **new** connected thermostat

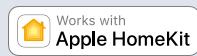
# Smarther

WITH  
**Netatmo**

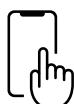


#### WITH THE APP IT'S ALL EASIER

- 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.



 Netatmo

## 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.



SHINY



SOFT



BRUSHED



MONOCHROME

FINISHES: SOFT  
Example of CLAY finish



FINISHES: BRUSHED  
Example of BRUSHED TITANIUM finish





# 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



# 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

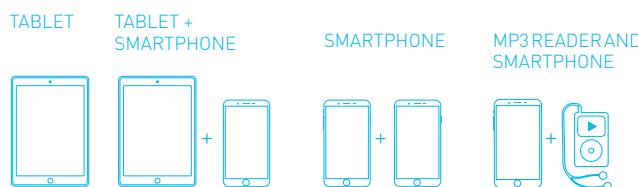
The axial controls are ideal for best taking advantage of the planarity of the new AIR cover plate.

# New Type-C and induction USB chargers

Faster charging and maximum flexibility for all uses.

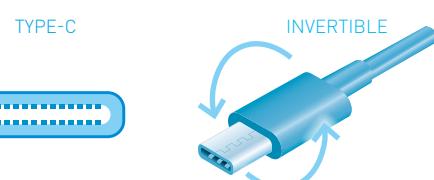
## HIGHER RECHARGING SPEED

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.

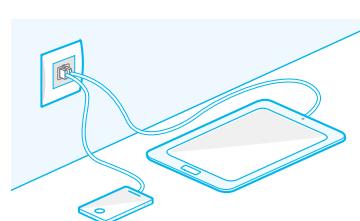


## TABLET



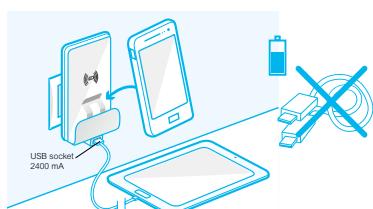
## FLEXIBILITY OF USE

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.



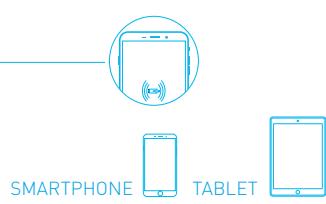
## RECOMMENDED

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.



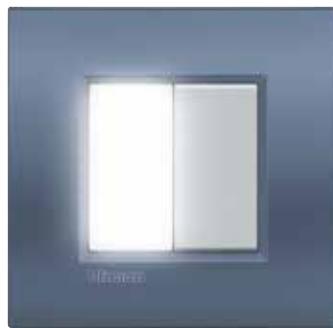
## DIRECTIONAL LAMP

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



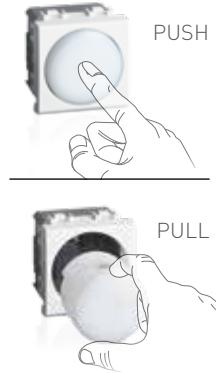
## DIMMER READING LAMP

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



App MyHOME\_Up



### LOCAL AND REMOTE CONTROL

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



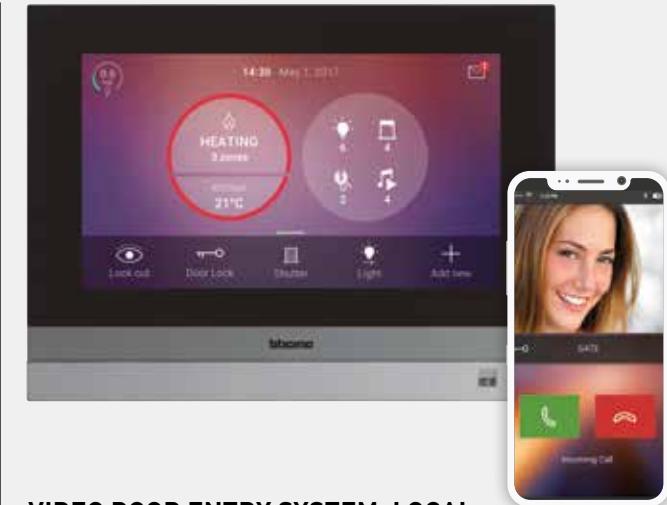
### ENERGY MANAGEMENT

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;

Compatible with  
 Netatmo

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.

MyHOME  
Up



## 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...).

MyHOME\_Up  
system



Driver manager  
F459

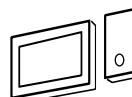
Air  
conditioning systems



Lighting with  
RGB lamps

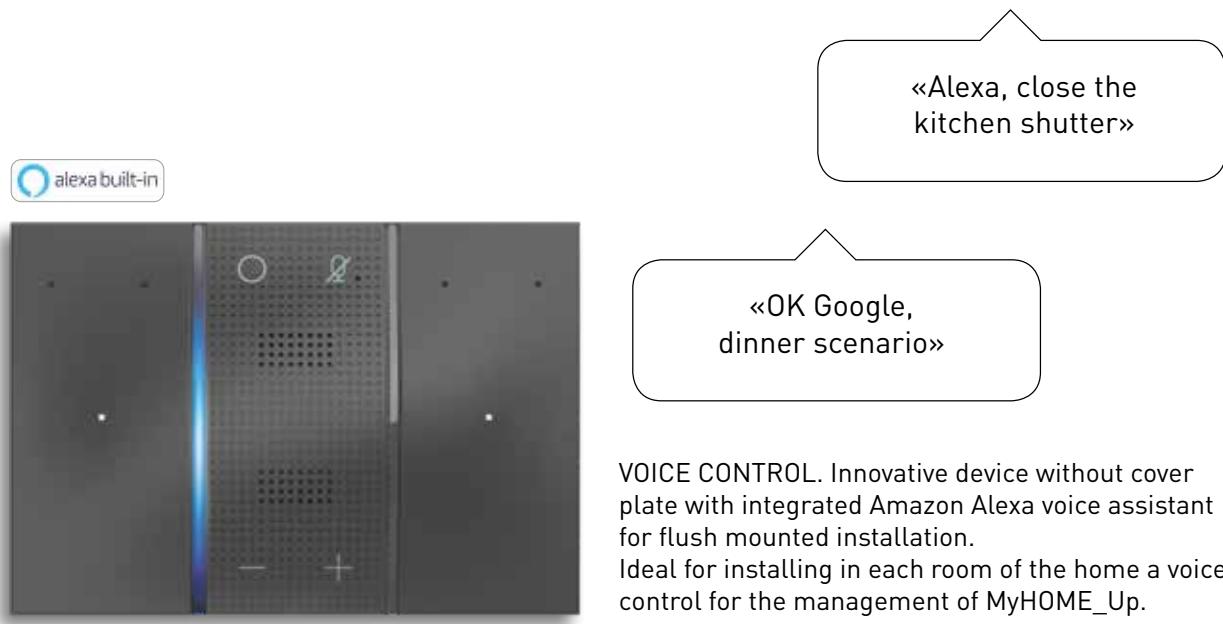


Management of  
weather stations  
and sensors



# Voice controls

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



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.

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».



GOOGLE AND AMAZON VOICE ASSISTANTS

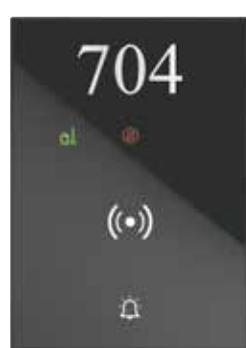




# Solutions for Hotel

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



UNDERFLOOR BOX



ALUMINIUM

WHITE

BLACK

STEEL

BRASS

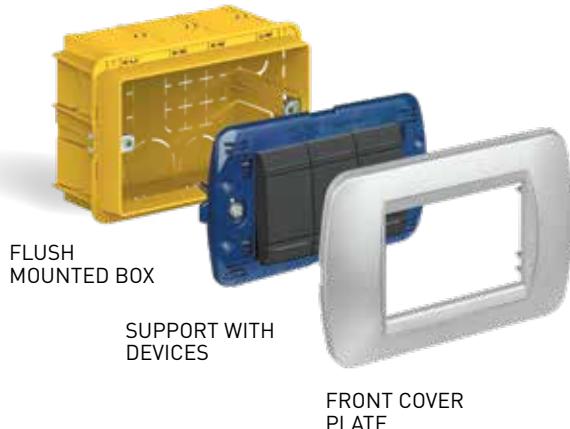


PROTRUDING TOWER

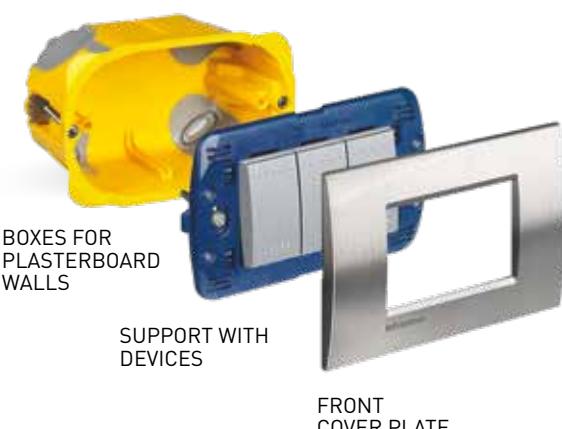


WORKSTATION

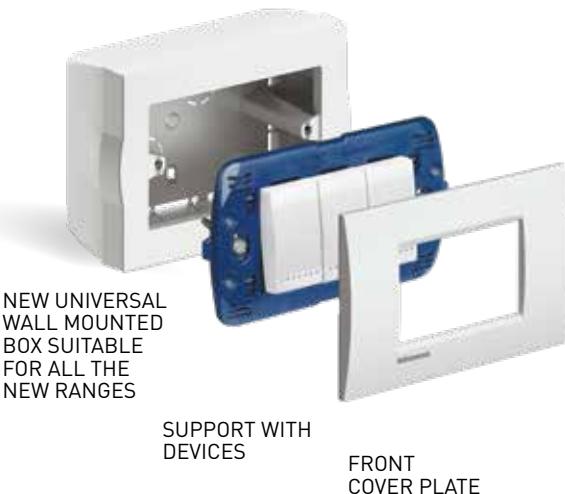
## FLUSH-MOUNTED IN MASONRY WALLS



## FLUSH-MOUNTED IN PLASTERBOARD WALLS



## WALL MOUNTED



## IN IP40 - IP44 - IP55 PROTECTION HOUSINGS



IP40 INDOOR HOUSING



IP55 OUTDOOR HOUSING



IP55 PROTECTED COVER

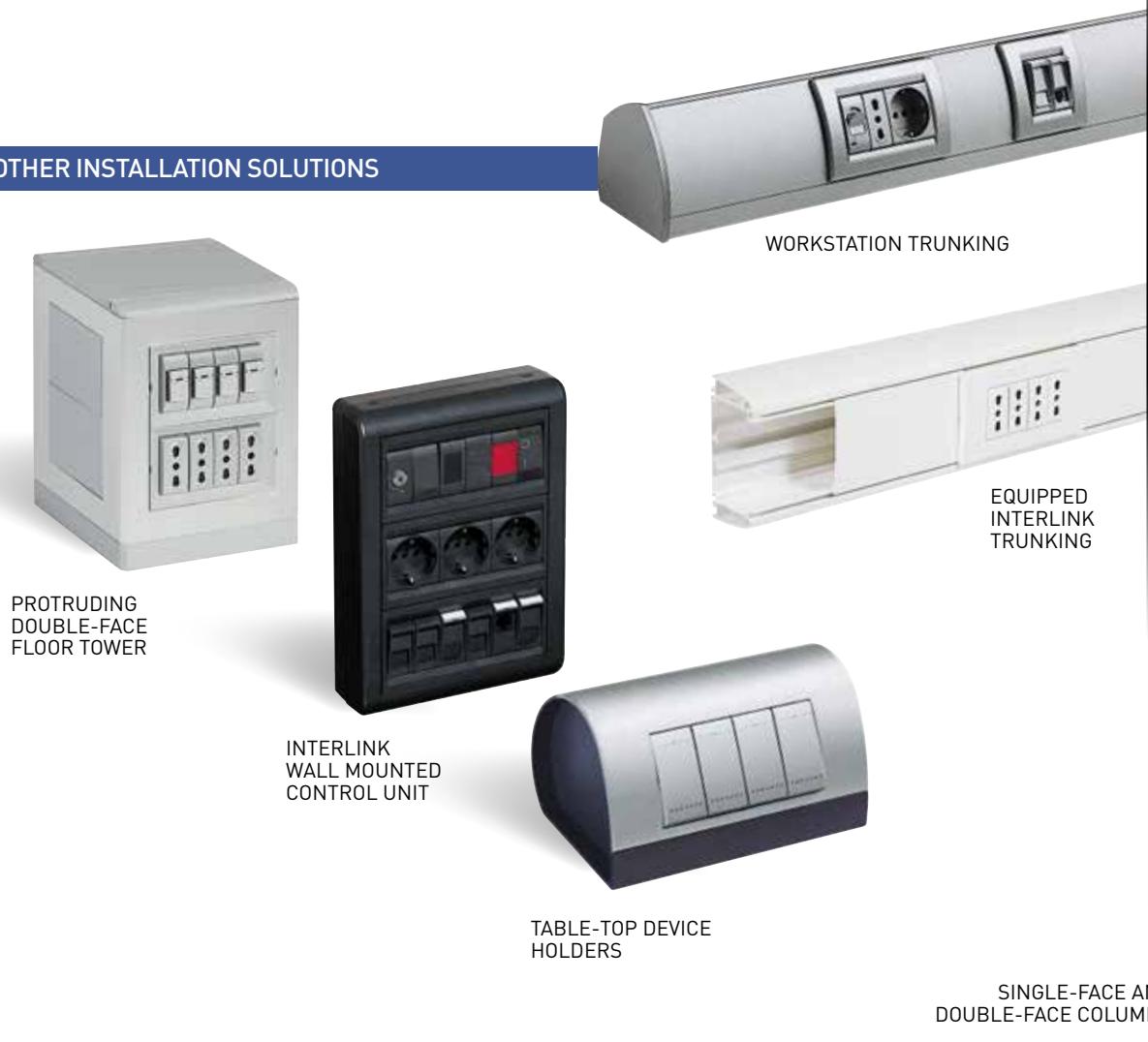


FLUSH MOUNTED BOX



IP44 PROTECTION HOUSING

COMPLETE LIGHT POINT  
(support, devices, cover plate)

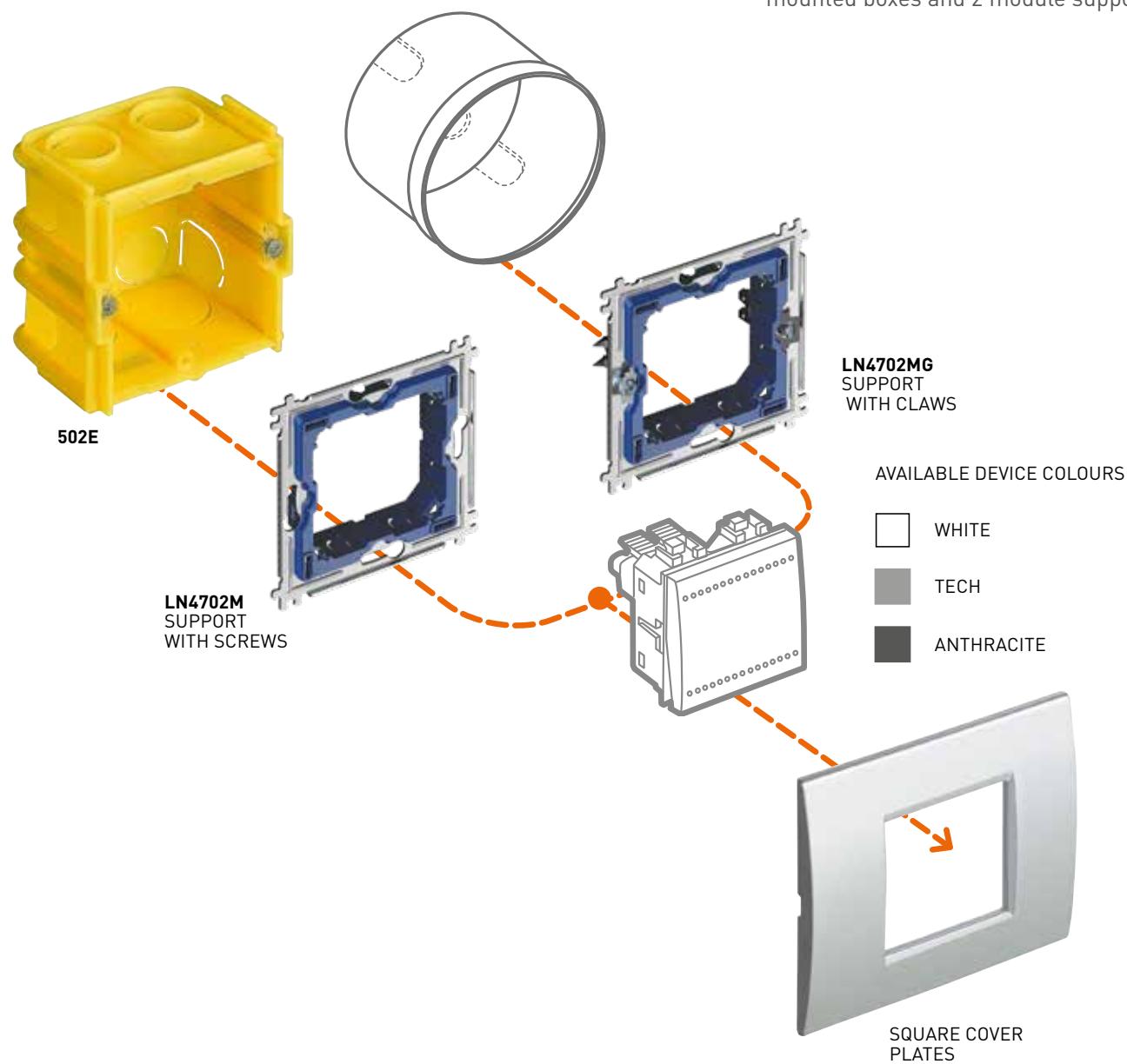
**ON RAILS****OTHER INSTALLATION SOLUTIONS**

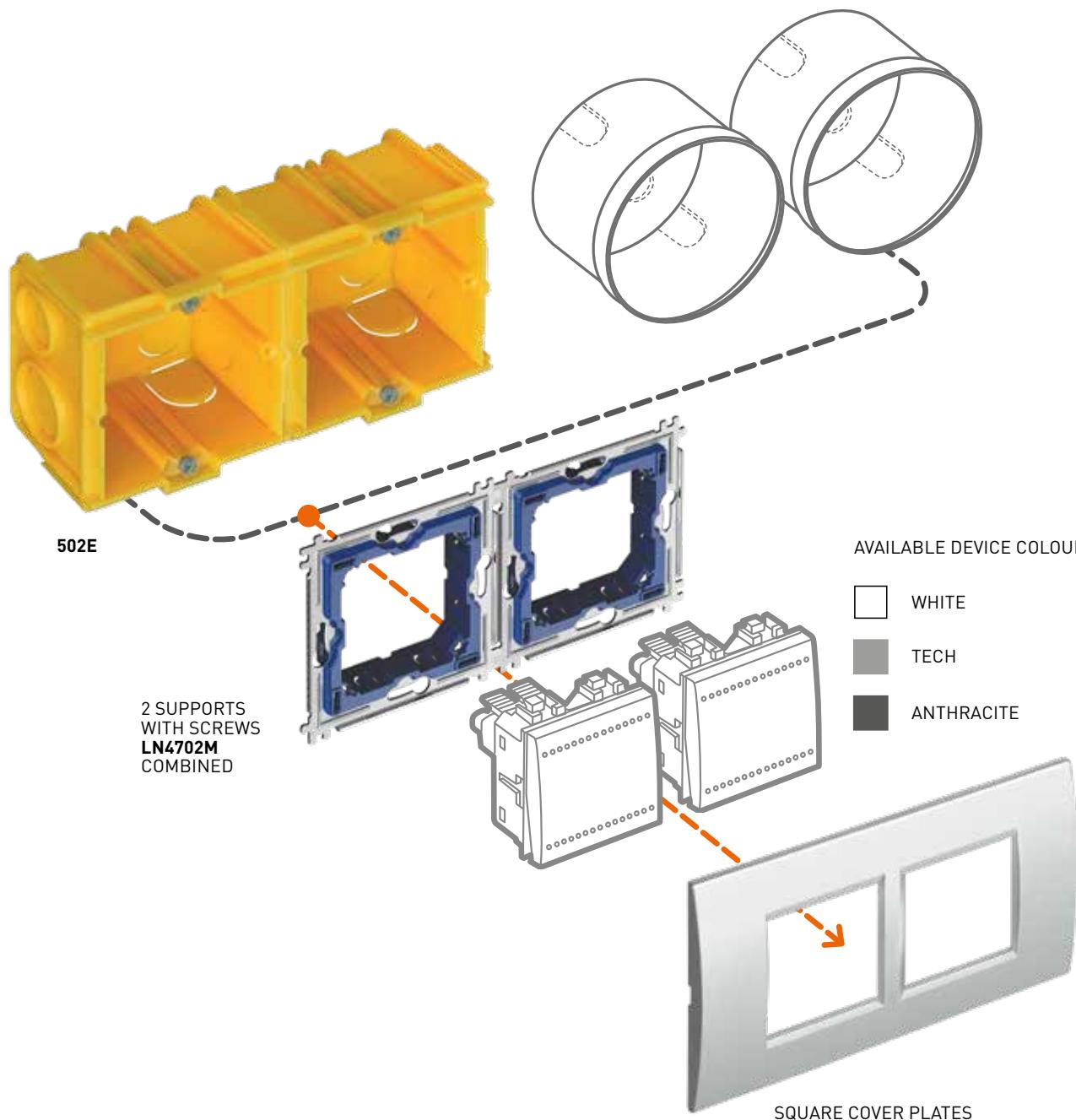
# SQUARE INSTALLATION: 2 MODULE AREA SYSTEM

Standard flush mounted boxes

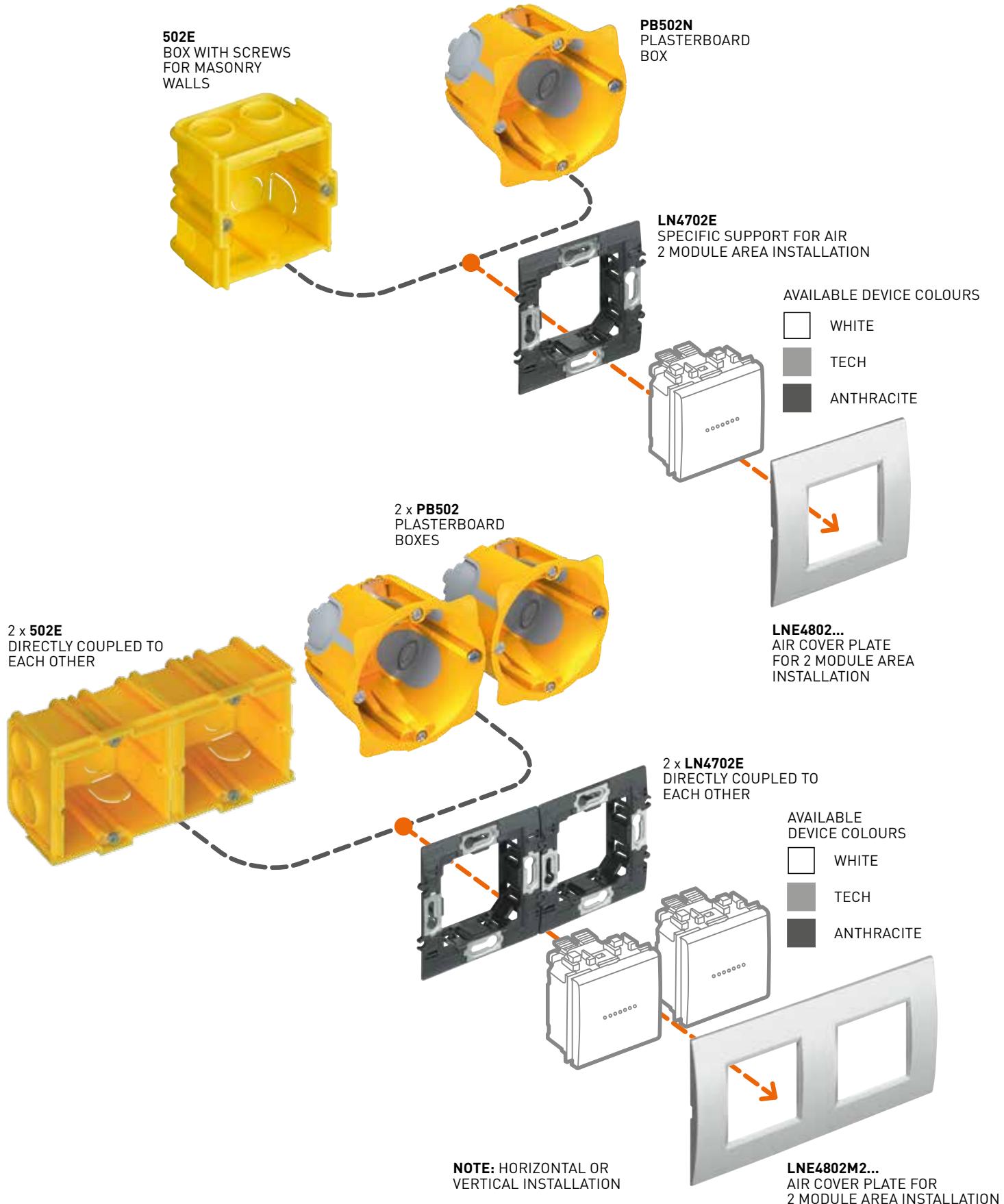
## Livinglight

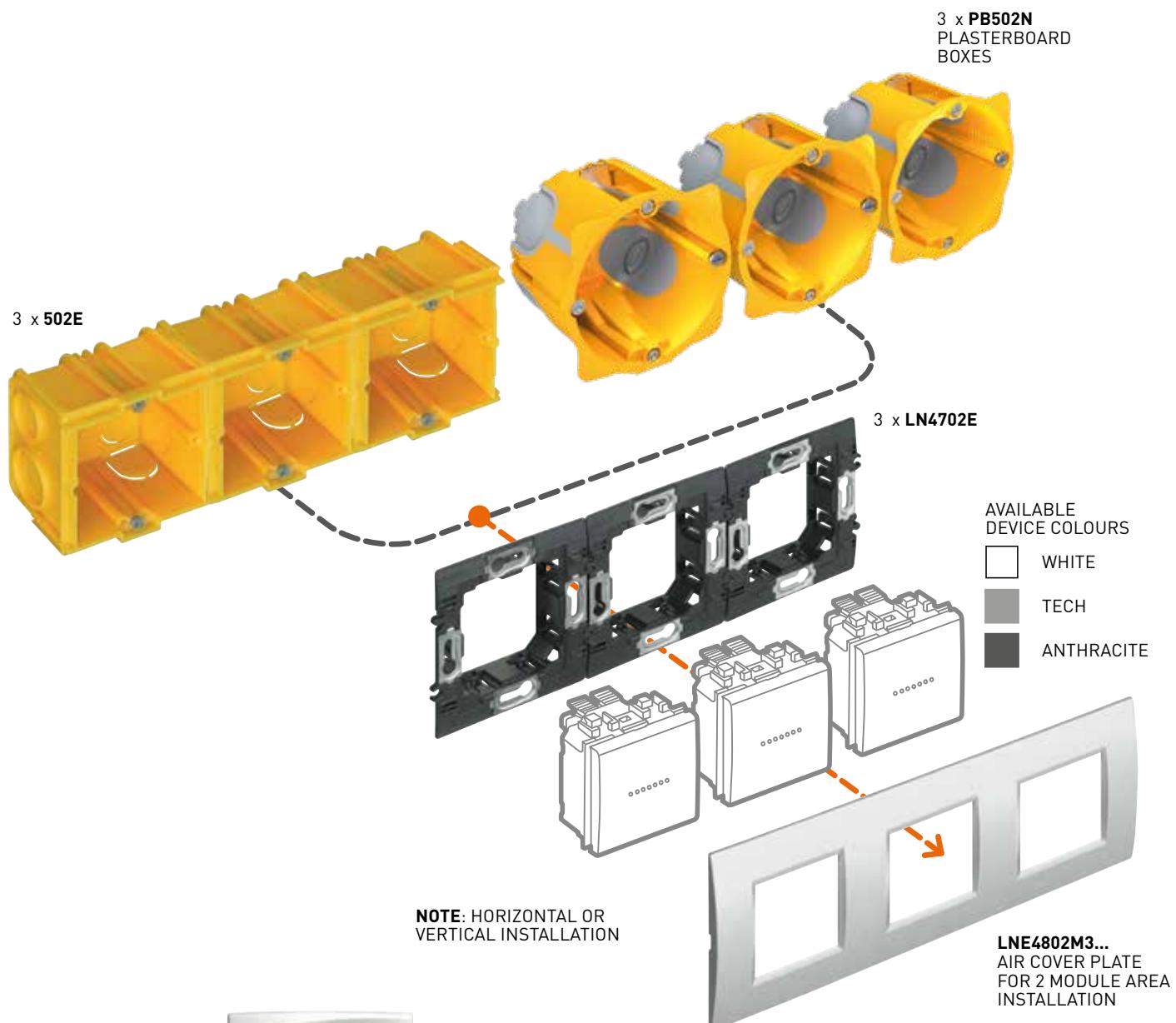
can be installed using normal flush mounted boxes and 2 module supports.





# AIR INSTALLATION: 2 MODULE AREA SYSTEM





**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:**

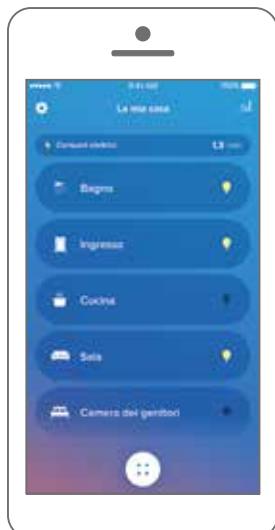
- new systems: considering the back position of the mechanisms inside the boxes, for masonry walls the use of box extensions is recommended, for better comfort and wiring





## 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.



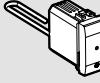
# CATALOGUE



Item	CONNECTED DEVICES FOR LIGHT	CONNECTED DEVICES FOR SHUTTERS
<input type="checkbox"/> <b>N4003C</b> <input type="checkbox"/> NT4003C <input checked="" type="checkbox"/> L4003C	 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 power 250 W. It's equipped 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 V a.c. - 1 module	 connected rolling shutter switch - It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply). Not compatible with motors for radio-controlled or pulse-controlled roller shutters. It can be associated with one or more wireless commands. Caution: Must be connected to the neutral. Power supply 110-230 V a.c. - 1 module
<input type="checkbox"/> <b>N4411C</b> <input type="checkbox"/> NT4411C <input checked="" type="checkbox"/> L4411C	 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 equipped 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 V a.c. - 1 module	 As above - interlocked modality
<input type="checkbox"/> <b>3584C</b>	 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. Caution: Must be connected to the neutral. Power supply 110-230 V a.c.	 connected micromodule for shutters. Associated to one or more shutter wireless controls, it controls a shutter locally or remotely. Compatible with all standard shutter motors (with mechanical or electronic limit switch and maximum power 500 VA), controlled by a wired shutter changeover switch (changeover with the same power supply as the motor). Not compatible with radio controlled or pulse controlled shutter motors. It can be installed in the existing shutter box with no need of masonry works. Power supply 110-230 V a.c.
<input type="checkbox"/> <b>FC80RC</b>	 DIN switchboard light device for loads with absorption $I_n = 16$ A. Equipped with a meter measuring the current absorbed by the load and contacts for control with up to 10 pushbuttons. Power supply 110-230 V a.c. - 1 DIN module.	

## Controls for energy management and light



Item	CONNECTED DEVICES FOR ENERGY MANAGEMENT	Item	CONNECTED PLUG&PLAY SOCKET
<input type="checkbox"/> <b>N4531C</b> <input type="checkbox"/> <b>NT4531C</b> <input checked="" type="checkbox"/> <b>L4531C</b> 	<b>connected socket module</b> - 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 V a.c. - 1 module	<input type="checkbox"/> <b>4141PC</b> 	<b>connected to an existing socket</b> , it allows remote control of all the connected electrical appliances. It also monitors the instantaneous, daily and monthly consumption. Compatible with all the devices with power up to 16 A 3680 W (with overload protection). It can be associated to wireless light controls. Power supply 110-230 V a.c.
<input type="checkbox"/> <b>FC80CC</b> 	<b>connected contactor for single-phase and/or three-phase loads</b> with maximum absorption $I_{n}=20$ A. With meter for the measurement of the current absorbed by the load. Power supply 110-230 V a.c. - 1 DIN module	<input type="checkbox"/> <b>4142PC</b> 	<b>Shuko standard socket</b>
<input type="checkbox"/> <b>F20T60A</b> 	<b>Smart DIN meter</b> . 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 V a.c. - 1 DIN module. (Only for single-phase systems).	<input type="checkbox"/> <b>3585C</b> 	<b>French / Belgian standard socket</b>
<input type="checkbox"/> <b>FC80GCS</b> 	<b>connected DIN load management module</b> 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. Power supply 110-230 V a.c. - 1 DIN module	<input type="checkbox"/> <b>WIRELESS CONTROLS FOR LIGHT</b>	<b>it controls one or more devices connected for light control.</b> 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.

## SMART ELECTRICAL SYSTEM - MODULAR VERSION

Wireless controls for light, shutter and scenario



LN4003CWI L4003CW

L4003DCW

LN4027CWI

L4027CW

N4575CW

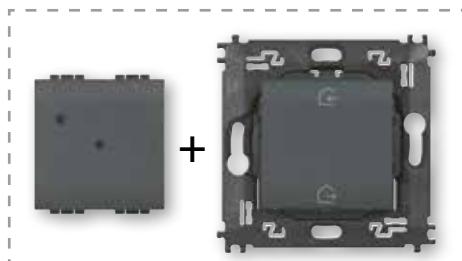
L4570CW

Item	WIRELESS CONTROLS FOR LIGHT	Item	WIRELESS 4 SCENARIOS CONTROL
○ <b>LN4003CWI</b> (*)	 <p>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</p>	○ <b>N4575CW</b> ■ <b>NT4575CW</b> ■ <b>L4575CW</b>	 <p>it's equipped with 4 buttons for activating scenarios 1,2,3 and 4. Scenarios can be customized by the Home+ Control app. Surface installation with repositionable stickers (supplied) or onto a flushmounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules.</p>
□ <b>N4003CW</b> ■ <b>NT4003CW</b> ■ <b>L4003CW</b>	 <p>wirelless controls for light, as above. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. - 2 modules.</p>	○ <b>LN4570CWI</b> (*)	 <p>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</p>
□ <b>N4003DCW</b> ■ <b>NT4003DCW</b> ■ <b>L4003DCW</b>	 <p>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</p>	○ <b>N4570CW</b> ■ <b>NT4570CW</b> ■ <b>L4570CW</b>	 <p>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</p>
○ <b>3577C</b>	 <p>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)</p>	○ <b>LN4574CWI</b> (*)	 <p>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</p>
LN4027CWI (*)	 <p>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</p>	○ <b>N4574CW</b> ■ <b>NT4574CW</b> ■ <b>L4574CW</b>	 <p>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</p>
□ <b>N4027CW</b> ■ <b>NT4027CW</b> ■ <b>L4027CW</b>	 <p>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</p>		

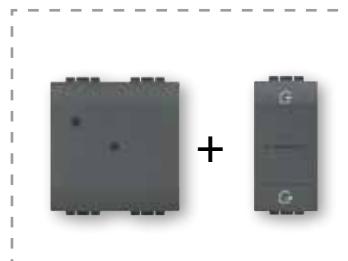
(\*) Mechanism provided with front covers in white, tech and and anthracite color finishes

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

## Gateway



L4500C



L4510C



FC80GT

Item	<b>GATEWAY</b>	
<input type="checkbox"/> <b>N4500C</b> <input type="checkbox"/> <b>NT4500C</b> <input checked="" type="checkbox"/> <b>L4500C</b>	 	<p>Gateway. This pack enables to create a connected installation in the home. It can be used to control lighting, roller shutters and electrical equipment plugged into connected sockets:</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> <input type="checkbox"/> <b>NT4510C</b> <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 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:</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. Power supply 110-230 Va.c. - 2 modules.</li> </ul>



NT4411CM2



3584C



FC80RC



4027C

## Item

- N4411CM2**
- NT4411CM2**
- L4411CM2**



## CONNECTED DEVICES FOR LIGHT

dimmer/switch without neutral. 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 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".

It doesn't require connection to the neutral, it comes with an active compensator.

Power supply 110-230 V a.c. - 2 modules

## ○ 3584C



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-buttons or associated with "wireless light switches". It is installed as a traditional relay in the box (behind the button) or in derivation boxes.

Caution: Must be connected to the neutral.

Power supply 110-230 V a.c.

## ○ FC80RC



DIN switchboard light device for loads with absorption  $I_n = 16$  A. Equipped with a meter measuring the current absorbed by the load and contacts for control with up to 10 pushbuttons.

Power supply 110-230 V a.c. - 1 DIN module.

## Item

- N4027CM2**
- NT4027CM2**
- L4027CM2**



## CONNECTED DEVICES FOR SHUTTERS

connected rolling shutter switch - It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply). Not compatible with motors for radio-controlled or pulse-controlled roller shutters. It can be associated with one or more wireless commands.

Caution: Must be connected to the neutral. Power supply 110-230 V a.c. - 2 modules

## ○ 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.

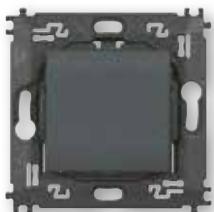
It can be installed in the existing shutter box with no need of masonry works.

Power supply 110-230 V a.c.

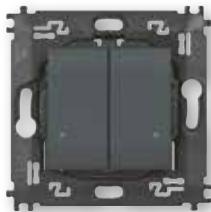
## Wired controls for energy management and light



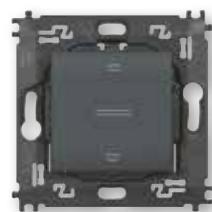
Item	CONNECTED MODULE FOR ENERGY MANAGEMENT	CONNECTED SOCKETS	WIRELESS CONTROLS FOR LIGHT
○ <b>FC80CC</b>	 <p>connected contactor for single-phase and/or three-phase loads with maximum absorption <math>I_{n}=20</math> A. With meter for the measurement of the current absorbed by the load. Power supply 110-230 V a.c. - 1 DIN module</p>	<input type="checkbox"/> <b>N4141AC</b> <input checked="" type="checkbox"/> <b>NT4141AC</b> <input type="checkbox"/> <b>L4141AC</b>  <p>2P+E 16 A 250 V a.c. German standard connected socket. It allows remote control of electric devices and also to monitor their consumption (instantaneous, daily, monthly). 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). 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 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. Power supply 110-230 V a.c.</p>	
○ <b>F20T60A</b>	 <p>Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phasesystem 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 V a.c. - 1 DIN module. (Only for single-phase systems).</p>		
○ <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 Power supply 110-230 V a.c. - 1 DIN module</p>	<input type="checkbox"/> <b>N4142AC</b> <input checked="" type="checkbox"/> <b>NT4142AC</b> <input type="checkbox"/> <b>L4142AC</b>  <p>As above French/belgian standard socket</p>	
	<b>CONNECTED PLUG&amp;PLAY SOCKETS</b>		<b>WIRELESS CONTROLS FOR LIGHT</b>
	<p>Directly connected to an existing socket, it allows remote control of all the connected electrical appliances. It also monitors the instantaneous, daily and monthly consumption. Compatible with all the devices with power up to 16 A 3680 W (with overload protection). It can be associated to wireless light controls. Power supply 110-230 V a.c.</p>		<p>it controls one or more devices connected for light control. Infrared detection with angle of 140°. Distance of the adjustable sensor from 2 to 8 m. Switch off delay with 1 to 30 min adjustable delay time and 1 to 1000 lux brightness threshold. Test possible with a 5 sec. delay. Recommended assembly height: 2.5 m. Optimum distance between 2 detectors: 6 m. For indoor and outdoor use (IP44). Supplied with 2 1.5V AA batteries for power supply.</p>
○ <b>4141PC</b>	 <p>Shuko standard socket</p>		
○ <b>4142PC</b>	 <p>French / Belgian standard socket</p>		



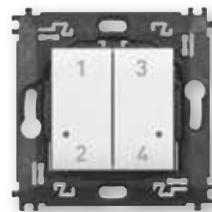
L4003CW



L4003DCW



L4027CW



N4575CW



L4570CW

Item

- N4003CW
- NT4003CW
- L4003CW



**WIRELESS CONTROLS FOR LIGHT**

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. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. - 2 modules.

- N4003DCW
- NT4003DCW
- 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

Item

- N4570CW
- NT4570CW
- L4570CW



**WIRELESS HOME/AWAY SCENARIO CONTROLS**

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

**WIRELESS WAKE UP/SLEEP SCENARIO CONTROLS**

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

- N4027CW
- NT4027CW
- L4027CW



**WIRELESS CONTROLS FOR SHUTTER**

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

- N4575CW
- NT4575CW
- L4575CW



**WIRELESS 4 SCENARIOS CONTROL**

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.

(\*) 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



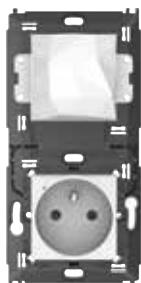
N4501C



NT4501C



L4501C



N4502C



NT4502C



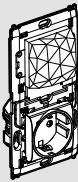
L4502C



FC80GT

## 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 V.a.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 V.a.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 V.a.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 V.a.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 V.a.c. - 2 modules.

# Smarter WITH 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 V a.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**



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



Download on  
**App Store**

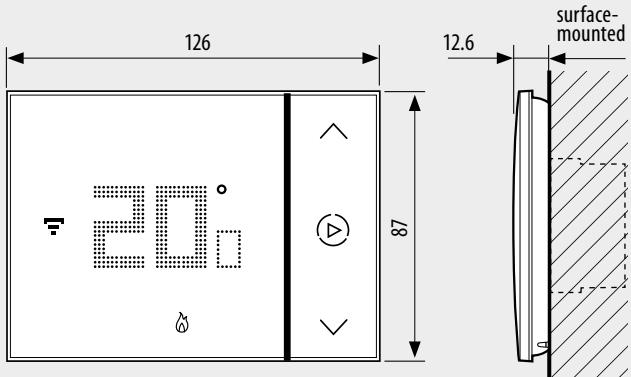
GET IT ON  
**Google Play**

works with  
**Hey Google**

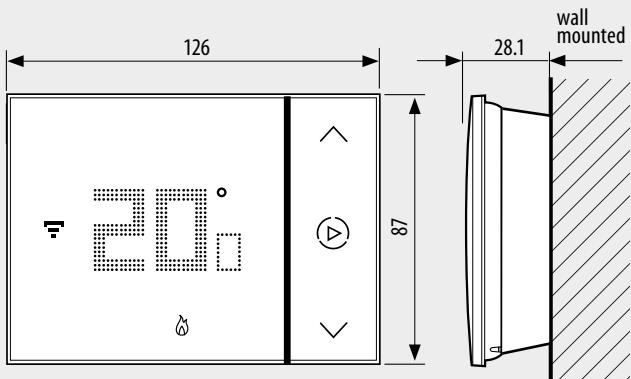
Works with  
**Apple HomeKit**

WORKS WITH  
**alexa**

#### DIMENSIONAL DATA



**XW8002 - XG8002 - XM8002**



**XW8002W**



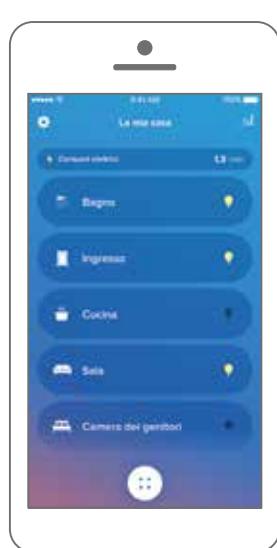
**DESIGN  
AWARD  
2017**

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



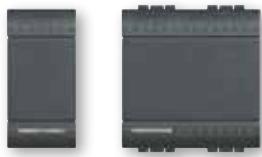
N4001N

N4001M2N



NT4001N

NT4001M2N



L4001N



L4001M2N



L4001/0

		DEVICES WITH AUTOMATIC TERMINAL		DEVICES WITH SCREW & PLATE TERMINAL	
		1 module	2 modules	1 module	2 modules
Description		Item	Item	Item	Item
1 WAY SWITCH 1P 16 AX 250 Va.c.	<input type="checkbox"/>	N4001A	N4001M2A	N4001N	N4001M2N
	<input checked="" type="checkbox"/>	NT4001A	NT4001M2A	NT4001N	NT4001M2N
	<input type="checkbox"/>	L4001A	L4001M2A	L4001N	L4001M2N
	<input type="radio"/>	LN4001A	-	L4001/0	-
2 WAY SWITCH 1P 16 AX 250 Va.c.	<input type="checkbox"/>	N4003A	N4003M2A	N4003N	N4003M2N
	<input checked="" type="checkbox"/>	NT4003A	NT4003M2A	NT4003N	NT4003M2N
	<input type="checkbox"/>	L4003A	L4003M2A	L4003N	L4003M2N
	<input type="radio"/>	LN4003A	-	L4003/0	-
4 WAY SWITCH 1P 16 AX 250 Va.c.	<input type="checkbox"/>	-	-	N4004N	N4004M2N
	<input checked="" type="checkbox"/>	-	-	NT4004N	NT4004M2N
	<input type="checkbox"/>	-	-	L4004N	L4004M2N
	<input type="radio"/>	-	-	LN4004	-
PUSHBUTTON 1P (NO) 10 A 250 Va.c.	<input type="checkbox"/>	N4005A	N4005M2A	N4005N	N4005M2N
	<input checked="" type="checkbox"/>	NT4005A	NT4005M2A	NT4005N	NT4005M2N
	<input type="checkbox"/>	L4005A	L4005M2A	L4005N	L4005M2N
	<input type="radio"/>	LN4005A	-	L4005/0	-

**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

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

**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 WITH Netatmo

## SMART ELECTRICAL SYSTEM

## Connected control devices



L4003C

Item

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

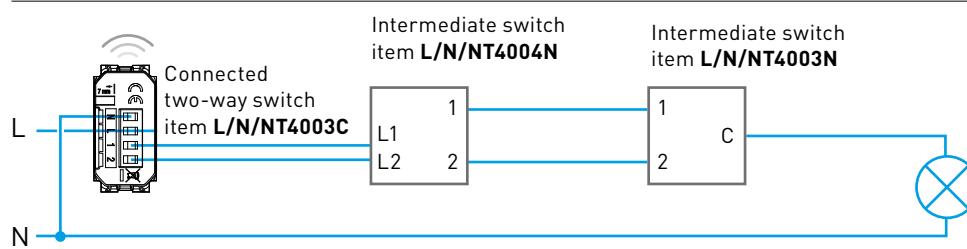


## CONNECTED 2-WAY SWITCHES

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 power 250 W. It's equipped 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 V a.c. - 1 module

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

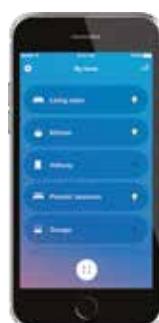


Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT must be installed as part of the system.

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

### Key covers for rocker controls

#### 1 FUNCTION KEY COVERS



#### NEUTRAL LIGHTABLE KEY COVERS

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

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



**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 checked="" 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 checked="" type="checkbox"/> NT4916A	NT4916M2A
	<input type="checkbox"/> L4916A	L4916M2A
KEY COVER WITH STAIRCASE LIGHT SYMBOL	<input type="checkbox"/> N4916B	N4916M2B
	<input checked="" type="checkbox"/> NT4916B	NT4916M2B
	<input type="checkbox"/> L4916B	L4916M2B
KEY COVER WITH BELL SYMBOL	<input type="checkbox"/> N4916D	N4916M2D
	<input checked="" type="checkbox"/> NT4916D	NT4916M2D
	<input type="checkbox"/> L4916D	L4916M2D
KEY COVER WITH KEY SYMBOL	<input type="checkbox"/> N4916F	N4916M2F
	<input checked="" 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 checked="" type="checkbox"/> NT4916T	NT4916M2T
	<input type="checkbox"/> L4916T	L4916M2T



NT4916T



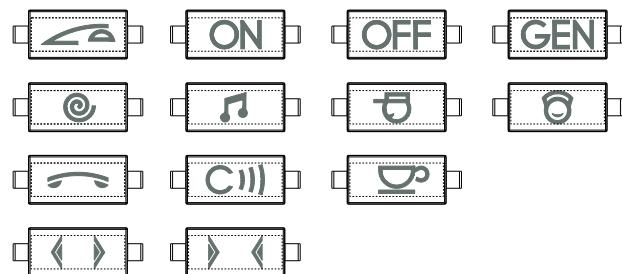
NT4916M2T

**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 checked="" type="checkbox"/> NT4916KIT
	<input type="checkbox"/> L4916KIT



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Relays



N4330/230 N4T330/230 L4330/230

### Dimmers



N4402N NT4406 NT4408N  
NT4410N NT4411N  
L4581

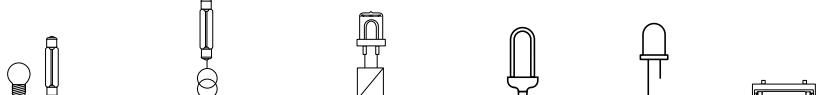
Item	MONOSTABLE RELAYS		
<input type="checkbox"/> N4330/230		monostable relay with NO/NC contact 250 V <sub>a.c.</sub> 10 A (resistive) 4 A (inductive) cos $\phi$ 0.5 coil power supply 230 V <sub>a.c.</sub>	
<input type="checkbox"/> NT4330/230			
<input checked="" type="checkbox"/> L4330/230			
<input type="checkbox"/> N4330/12		as above – coil power supply 12 V <sub>a.c.</sub>	
<input type="checkbox"/> NT4330/12			
<input checked="" type="checkbox"/> L4330/12			
<input type="checkbox"/> N4330/24		as above – coil power supply 24 V <sub>a.c.</sub>	
<input type="checkbox"/> NT4330/24			
<input checked="" type="checkbox"/> L4330/24			

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

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

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



### Loads

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

## SMART ELECTRICAL SYSTEM

## Connected relays



3584C

FC80RC

Item	CONNECTED RELAYS
○ 3584C	<p><b>CONNECTED RELAYS</b></p> <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 pushbutton or associated with "wireless light switches". It is installed as a traditional relay in the box (behind the button) or in derivation boxes. Caution: Must be connected to the neutral. Power supply 110-230 V a.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. Power supply 110-230 V a.c. - 1 DIN module.</p>

## Connected dimmers

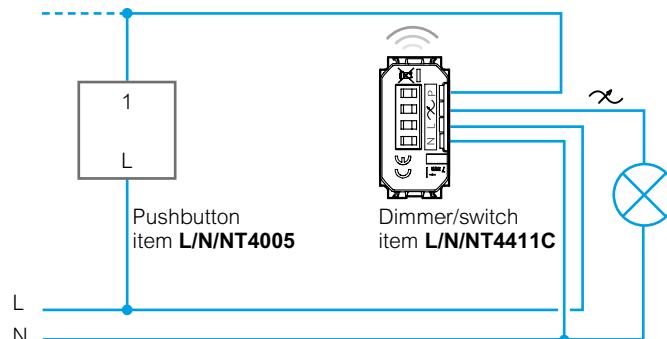


L4411C

NT4411CM2

Item	CONNECTED DIMMER
○ N4411C ■ NT4411C ■ L4411C	<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 is equipped 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 pushbutton or associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 V a.c. - 1 module</p>
○ N4411CM2 ■ NT4411CM2 ■ 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. 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". It doesn't require connection to the neutral, it comes with an active compensator. Power supply 110-230 V a.c. - 2 modules</p>

1 module dimmer/switch with remote pushbutton

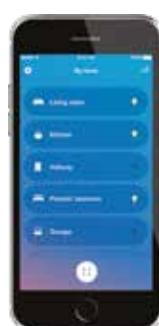


Note: for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT must be installed as part of the system.

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



HOME + CONTROL



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### IR and Green switches



N4433N

N4434N



NT4431N



L4432

Item	PASSIVE IR SWITCHES	GREEN SWITCH - FEATURES	
<input type="checkbox"/> N4431N <input type="checkbox"/> NT4431N <input checked="" type="checkbox"/> L4431N	 <p>Zero crossing technology Green Switch, multiload 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</p>	<input type="checkbox"/> N4433N NT4433N L4433N	100-240 V~ 50/60 Hz 2 x 2.5 mm <sup>2</sup> YES (-5) - (+45) °C 300 lux 15 minutes
<input type="checkbox"/> N4432 <input type="checkbox"/> NT4432 <input checked="" type="checkbox"/> L4432	 <p>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-1 selector - power supply 230 Va.c. - 2 modules</p>	<input type="checkbox"/> N4434N NT4434N L4434N	40-400 W - 230 V~ 20-200 W - 110 V~
<input type="checkbox"/> N4432/127 <input type="checkbox"/> NT4432/127 <input checked="" type="checkbox"/> L4432/127	 <p>as above - 110/127 Va.c.</p>		
GREEN SWITCH AND IR SENSOR			
<input type="checkbox"/> N4433N <input type="checkbox"/> NT4433N <input checked="" type="checkbox"/> L4433N	 <p>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</p>	<input type="checkbox"/> N4433N NT4433N L4433N	10 x (2x36 W) - 230 V~ 5 x (2x36 W) - 110 V~
<input type="checkbox"/> N4434N <input type="checkbox"/> NT4434N <input checked="" type="checkbox"/> L4434N	 <p>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.</p>	<input type="checkbox"/> N4434N NT4434N L4434N	500 VA - 230 V~ 250 VA - 110 V~
			1000 VA - 230 V~ 500 VA - 110 V~
			500 VA - 230 V~ 250 VA - 110 V~

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

Livinglight WITH Netatmo

## SMART ELECTRICAL SYSTEM

## Connected IR switches



3585C

Item

○ 3585C

**MOTION SENSOR WIRELESS**

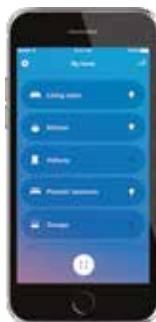
It controls one or more devices connected for light control.  
 Infrared detection with angle of 140°.  
 Distance of the adjustable sensor from 2 to 8 m.  
 Switch off delay with 1 to 30 min adjustable delay time and 1 to 1000 lux brightness threshold.  
 Test possible with a 5 sec. delay.  
 Recommended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

Note: for the use of the connected devices, the gateway, item ...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

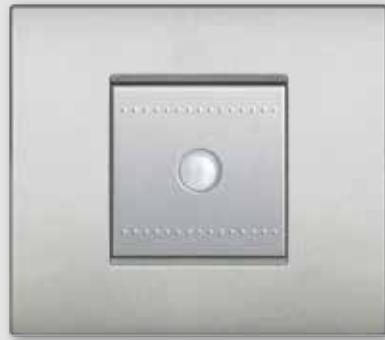
- N4003ES
- NT4003ES
- L4003ES



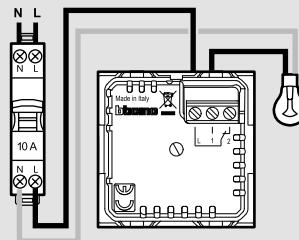
#### TWO-WAY ENERGY SAVING SWITCH

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.

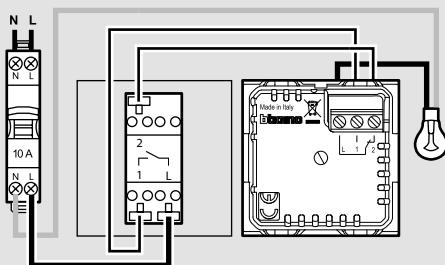
#### TWO WAY ENERGY SAVING SWITCH WIRING DIAGRAM



Two-way energy saving switch

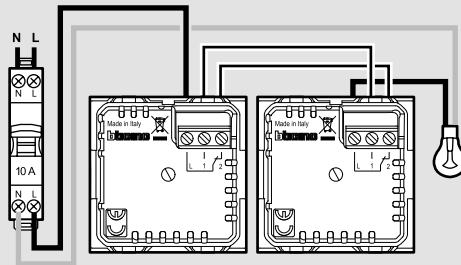


Two-way switch + Two-way energy saving switch



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



NT4022 NT4033



L4037 LN4040



L4038R L4038V

16 AX 250 Va.c. SWITCHES		
<input type="checkbox"/> N4002N		2P switch
<input type="checkbox"/> NT4002N		
<input checked="" type="checkbox"/> L4002N		
<input type="checkbox"/> N4012		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"/> NT4012		
<input checked="" type="checkbox"/> L4012		
<input type="checkbox"/> N4012C*		2P key switch - as above - keys are the same for all devices
<input type="checkbox"/> NT4012C*		
<input checked="" type="checkbox"/> L4012C*		

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

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

16 AX 250 Va.c. TWO-WAY SWITCH		
<input type="checkbox"/> N4022		1P 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"/> NT4022		
<input checked="" type="checkbox"/> L4022		
<input type="checkbox"/> N4022C*		1P key two-way switch - as above - keys are the same for all devices
<input type="checkbox"/> NT4022C*		
<input checked="" type="checkbox"/> L4022C*		

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

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

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

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

### KEY COVERS

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

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Control for shutters



NT4027



NT4027VMC

Item

**16 A 250 V<sub>a.c.</sub> CHANGEOVER SWITCH**

<input type="checkbox"/> N4027		1 P 1-0-2 double-key changeover switch
<input type="checkbox"/> NT4027		
<input checked="" type="checkbox"/> L4027		

<input type="checkbox"/> N4027VMC		as above - fan symbol
<input type="checkbox"/> NT4027VMC		
<input checked="" type="checkbox"/> L4027VMC		

**10 A 250 V<sub>a.c.</sub> PUSHBUTTONS**

<input type="checkbox"/> N4036		1 P (NO) + 1 P (NO) double pushbutton
<input type="checkbox"/> NT4036		
<input checked="" type="checkbox"/> L4036		

<input type="checkbox"/> N4037		1 P (NO) + 1 P (NO) interlocked double pushbutton
<input type="checkbox"/> NT4037		
<input checked="" type="checkbox"/> L4037		

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## SMART ELECTRICAL SYSTEM

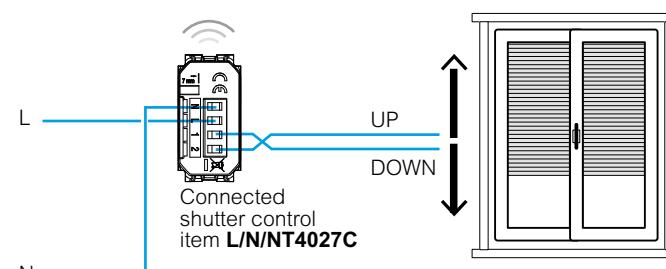
## Connected control for shutters



L4027C



4027C

Item	CONNECTED DEVICES FOR SHUTTERS	
<input type="checkbox"/> <b>N4027C</b> <input type="checkbox"/> <b>NT4027C</b> <input checked="" type="checkbox"/> <b>L4027C</b>	<p><b>connected rolling shutter switch</b> - 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.</p> <p>Caution: Must be connected to the neutral.</p> <p>Power supply 110-230 V.a.c.</p> <p>- 1 module</p>	
<input type="checkbox"/> <b>N4027CIL</b> <input type="checkbox"/> <b>NT4027CIL</b> <input checked="" type="checkbox"/> <b>L4027CIL</b>	as above - interlocked modality	For correct operation, connect also the neutral conductor to the connected devices.
<input type="checkbox"/> <b>N4027CM2</b> <input type="checkbox"/> <b>NT4027CM2</b> <input checked="" type="checkbox"/> <b>L4027CM2</b>	<p><b>connected rolling shutter switch</b> - 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 V.a.c.</p> <p>- 2 modules</p>	
<input type="radio"/> <b>4027C</b>	<p><b>connected micromodule for shutters.</b></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 V.a.c.</p>	<p><b>Note:</b> for the use of the connected devices, the gateway, item ...4500C, ...4510C or FG80GT must be installed as part of the system.</p> <p>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 <b>HOME + CONTROL</b> App</p>



HOME + CONTROL



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Temperature control



N4441



N4451



NT4442

Item	ELECTRONIC THERMOSTATS		Item	TIMER THERMOSTATS	
<input type="checkbox"/> N4441 <input type="checkbox"/> NT4441 <input checked="" type="checkbox"/> L4441		electronic room thermostat - relay output with 1 switching contact 2 A 250 V a.c. - power supply 230 V a.c.	<input type="checkbox"/> N4451 <input type="checkbox"/> NT4451 <input checked="" 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. Backlit 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
<input type="checkbox"/> N4441FH <input type="checkbox"/> L4441FH <input checked="" type="checkbox"/> NT4441FH		as above, with floor probe			
<input type="checkbox"/> N4442 <input type="checkbox"/> NT4442 <input checked="" type="checkbox"/> L4442		electronic room thermostat with a built-in "summer/winter" changeover switch - relay output with a C-NO 2 A 250 V a.c. contact - power supply 230 V a.c.			
ACCESSORIES FOR TIMER THERMOSTATS					
<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 WITH 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 VAC, 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:

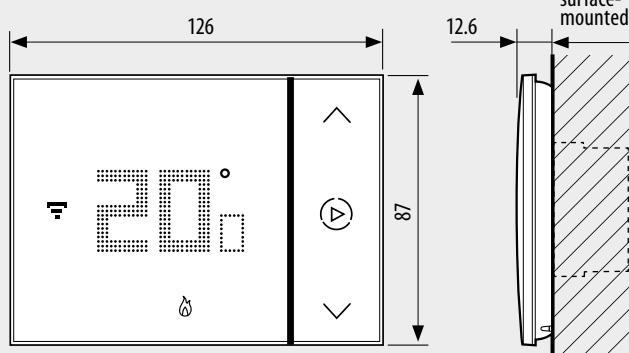
- flush mounted, on boxes item 503E or 500 (for item 500 use the wall dowels)
- plasterboard, on boxes 2 module e 3 module

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

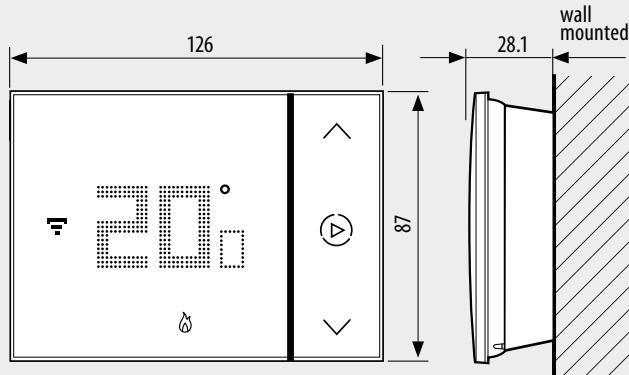
**XW8002W** features: as ..8002.

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 devicesDESIGN  
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	2 P+E 10 A 250 Va.c. socket - centre distance 19 mm - shielded tulip contacts Ø 4 mm
<input checked="" type="checkbox"/> NT4113	
<input checked="" type="checkbox"/> L4113	
<input type="checkbox"/> N4180	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 checked="" type="checkbox"/> NT4180	
<input checked="" type="checkbox"/> L4180	
<input type="checkbox"/> N4115	2 P+E 10 A 250 Va.c. safety socket - irreversible for plug item 2200NA or 2200NN
<input checked="" type="checkbox"/> NT4115	
<input checked="" type="checkbox"/> L4115	
<input type="checkbox"/> 2200NA	safety plug for N/NT/L4115 socket - colour ivory (NA) or black (NN)
<input checked="" type="checkbox"/> 2200NN	

DUPLEX AND TRIPLEX ITALIAN STANDARD	
<input type="checkbox"/> N4180/2	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 checked="" type="checkbox"/> NT4180/2	
<input checked="" type="checkbox"/> L4180/2	
<input type="checkbox"/> N4180/3	triplex socket - 3 parallel sockets - features as above.
<input checked="" type="checkbox"/> NT4180/3	
<input checked="" type="checkbox"/> L4180/3	

GERMAN AND ITALIAN STANDARDS	
<input type="checkbox"/> N4140	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 checked="" type="checkbox"/> NT4140	
<input checked="" type="checkbox"/> L4140	
<input type="checkbox"/> N4140/16	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
<input checked="" type="checkbox"/> NT4140/16	
<input checked="" type="checkbox"/> L4140/16	

Item	FOR SPECIAL USERS
<input type="radio"/> 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="radio"/> L4180V*	as above - colour green
<input type="radio"/> 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="radio"/> L4140X16V*	as above - colour green
<input type="radio"/> 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

GERMAN AND ITALIAN STANDARD FLAT SOCKET	
<input type="checkbox"/> N4140/16F	When the plug is inserted the socket surface slides inside the casing; it returns to its initial position when the plug is taken out. 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.
<input checked="" type="checkbox"/> NT4140/16F	
<input checked="" type="checkbox"/> L4140/16F	

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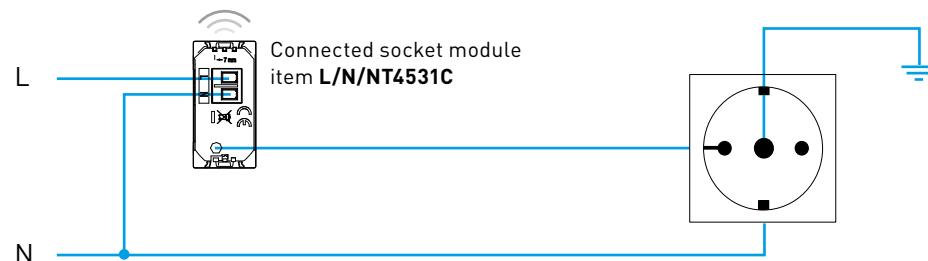
## SMART ELECTRICAL SYSTEM

Connected devices for energy management



Item	CONNECTED DEVICES FOR ENERGY MANAGEMENT	CONNECTED DIN METERS
<input type="checkbox"/> <b>N4531C</b> <input type="checkbox"/> <b>NT4531C</b> <input checked="" type="checkbox"/> <b>L4531C</b>	<b>FC80GCS</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 V a.c. - 1 module</p>	<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. Power supply 110-230 V a.c. - 1 DIN module</p>
<input type="checkbox"/> <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. Power supply 110-230 V a.c. - 1 DIN module</p>	<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. Power supply 100-240 V a.c. 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



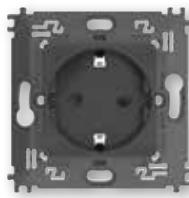
Livinglight WITH Netatmo  
**SMART ELECTRICAL SYSTEM**  
**Connected sockets**



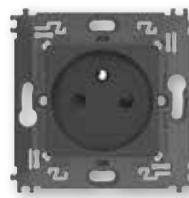
4142PC



4141PC



L4141AC



L4142AC

Item	CONNECTED PLUG&PLAY SOCKETS	CONNECTED SOCKETS
	<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>	<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="radio"/> 4141PC	 <p>Shuko standard socket</p>	
<input type="radio"/> 4142PC	 <p>French / Belgian standard socket</p>	
		<p>As above</p> <p>French/belgian standard socket</p>

## Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

## USB chargers

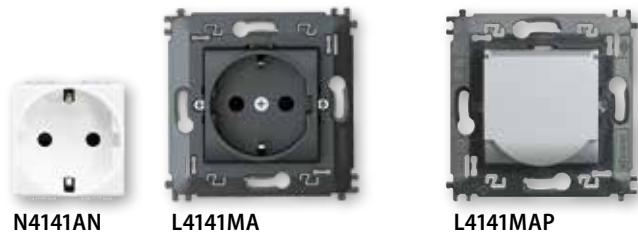


N4285C1 L4285C2 N4286C2 NT4287C2 LN4285CW2

Item	USB CHARGER
<input type="checkbox"/> N4285C1 <input type="checkbox"/> NT4285C1 <input checked="" 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 <input type="checkbox"/> NT4285C2 <input checked="" 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 V a.c. DIRECT power supply 50-60 Hz
<input type="checkbox"/> N4286C1 <input type="checkbox"/> NT4286C1 <input checked="" 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 <input type="checkbox"/> NT4286C2 <input checked="" 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 <input type="checkbox"/> NT4287C2 <input checked="" 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 <input type="checkbox"/> NT4141USB <input checked="" 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

N4141AN L4141MA L4141MAP

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

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Socket outlets

### French standards



NT4143



NT4142



LN4142AN



L4142

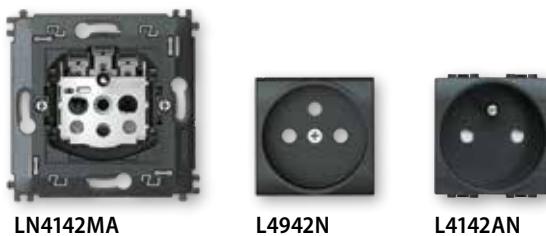


L4146



L4141V

NT4145



LN4142MA



L4942N



L4142AN

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

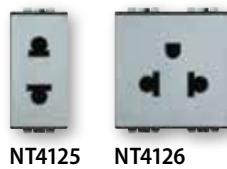
Item	FRENCH STANDARD (AUTOMATIC CLAMPS)
<input type="radio"/> LN4142AN	2 P+E 16 A 250 Va.c. socket - neutral finish to be completed with front cover L4942S, N4942S, NT4942S
<input type="checkbox"/> N4942S ■ NT4942S ■ L4942S	front cover for sockets LN4142AN
<input type="radio"/> LN4142MA	2P + E 250 Va.c. socket monobloc - neutral finish to be completed with front cover L4942N, N4942N, NT4942N
<input type="checkbox"/> N4942N ■ NT4942N ■ L4942N	front cover for sockets LN4142MA
<input type="checkbox"/> N4142AF ■ NT4142AF ■ 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



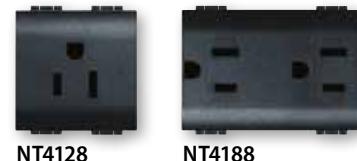
N4129S N4150



NT4125 NT4126



L4185



NT4128 NT4188

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

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

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

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

##### WRONG INSTALLATION



4-module cover plate

##### CORRECT INSTALLATION



7-module cover plate



N4132



NT4132



NT4183



L4139



L4122ET



L4164/12

### RJ connectors



N4261AT5



NT4262C5E



L4279C5E



N4261AT6



N4262C6



L4279C6

Item	AUSTRALIAN STANDARD
<input type="checkbox"/> N4132 ■ NT4132 ■ L4132	2 P+E 10 A 250 V.a.c. socket - safety socket, shuttered and auto switched - 2 modules
<input type="checkbox"/> N4133 ■ NT4133 ■ L4133	2 P+E 15 A 250 V.a.c. socket - safety socket, shuttered and auto switched - 2 modules

Item	BRAZILIAN STANDARD
<input type="checkbox"/> N4165S ■ L4165S	10 A socket with unshielded tulip contacts - 1 module
<input type="checkbox"/> N4166S ■ L4166S	20 A socket with unshielded tulip contacts - 1 module

Item	SHAVER SOCKETS
<input type="checkbox"/> N4177* ■ NT4177 * ■ 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* ■ L4177/127*	as above - input voltage 127V a.c.

Item	EGYPTIAN STANDARD
<input type="checkbox"/> N4122ET ■ NT4122ET ■ L4122ET	2 P 10 A 250 V.a.c. socket - contact tubes Ø 4 - 4.8 mm - centre line of holes 19 mm - 1 module

Item	SWISS STANDARD
<input type="checkbox"/> N4164/13 ■ NT4164/13 ■ L4164/13	2 P+E 10 A 250 V.a.c. socket - 2 modules

Item	ISRAELI STANDARD
<input type="checkbox"/> N4183 ■ NT4183 ■ L4183	2 P+E 10/16 A 250 V.a.c. socket - 2 modules

Item	MULTISTANDARD
<input type="checkbox"/> N4139 ■ NT4139 ■ L4139	2 P+E 5/6/10/13 A 250 V.a.c. and 127 V.a.c. socket - multistandard - 2 modules

Item	RJ45 CONNECTORS	
		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.
	Category	Connection type
<input type="checkbox"/> N4279C5E ■ NT4279C5E ■ L4279C5E	5E UTP	TOOLLESS IDC
<input type="checkbox"/> N4279C5F ■ NT4279C5F ■ L4279C5F	5 FTP	TOOLLESS IDC
<input type="checkbox"/> N4279C6 ■ NT4279C6 ■ L4279C6	6 UTP	TOOLLESS IDC
<input type="checkbox"/> N4279C6F ■ NT4279C6F ■ L4279C6F	6 FTP	TOOLLESS IDC
<input type="checkbox"/> N4279C6S ■ NT4279C6S ■ L4279C6S	6 STP	TOOLLESS IDC
<input type="checkbox"/> N4279C6A ■ NT4279C6A ■ L4279C6A	6A STP	TOOLLESS IDC
<input type="checkbox"/> N4262C5E ■ NT4262C5E ■ L4262C5E	5E UTP	110 IDC
<input type="checkbox"/> N4262C6 ■ NT4262C6 ■ L4262C6	6 UTP	110 IDC
<input type="checkbox"/> N4262C6S ■ NT4262C6S ■ L4262C6S	6 STP	110 IDC
<input type="checkbox"/> N4261AT5 ■ NT4261AT5 ■ L4261AT5	5E UTP	110 IDC
<input type="checkbox"/> N4261AT6 ■ NT4261AT6 ■ L4261AT6	6 UTP	110 IDC

## TV - FM - SAT sockets



LN4214D



LN4214M2D



LN4202D



LN4202M2D



LN4210M2D



S2133



LN4202P14



LN4202P10



LN4202F

## Item

○ LN4214D



## STAR TV/SAT DEMIXED SOCKET

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

○ LN4202D



## STAR TV SOCKET

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, -1dB 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

○ 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		Item	AUDIO VIDEO CONNECTORS	
	These connectors have been designed for meeting the requirements of telephone connections.			double RCA connector – red and yellow collars	
	Jack type	Connection type		– terminations to be welded	
<input type="checkbox"/> N4258/11N <input type="checkbox"/> NT4258/11N <input checked="" type="checkbox"/> L4258/11N		RJ11	<input type="checkbox"/> N4269R <input type="checkbox"/> NT4269R <input checked="" type="checkbox"/> L4269R	- 1 module	
(1) Connection type 110			<input type="checkbox"/> N4294 <input type="checkbox"/> NT4294 <input checked="" type="checkbox"/> L4294	connector for loudspeakers	
<b>TELEPHONE SOCKETS</b>			<input type="checkbox"/> N4280 <input type="checkbox"/> NT4280 <input checked="" type="checkbox"/> L4280	- 1 module	
<input type="checkbox"/> N4237 <input type="checkbox"/> NT4237 <input checked="" type="checkbox"/> L4237		telephone socket - Belgian standard - 1 module	<input type="checkbox"/> N4281 <input type="checkbox"/> NT4281 <input checked="" type="checkbox"/> L4281	connector - RCA x 2	
<input type="checkbox"/> N4238 <input type="checkbox"/> NT4238 <input checked="" type="checkbox"/> L4238		telephone socket - Israeli standard without shutter - 1 module	<input type="checkbox"/> N4282 <input type="checkbox"/> NT4282 <input checked="" type="checkbox"/> L4282	- 1 module	
<input type="checkbox"/> N4238M <input type="checkbox"/> NT4238M		master telephone socket UK standard - 1 module	<input type="checkbox"/> N4283 <input type="checkbox"/> NT4283 <input checked="" type="checkbox"/> L4283	connector - HD15	
<input type="checkbox"/> N4238S <input type="checkbox"/> NT4238S		secondary telephone socket UK standard - 1 module	<input type="checkbox"/> N4284 <input type="checkbox"/> NT4284 <input checked="" type="checkbox"/> L4284	- 2 modules	
<b>CONNECTORS FOR OPTICAL FIBER CONNECTIONS</b>				RCA x 3 connector	
<input type="checkbox"/> N4268ST <input type="checkbox"/> NT4268ST <input checked="" type="checkbox"/> L4268ST		coupling connector for optical fiber - ST cable socket - duplex - 1 module		- 2 modules	
<input type="checkbox"/> N4268SC <input type="checkbox"/> NT4268SC <input checked="" type="checkbox"/> L4268SC		coupling connector for optical fiber - SC cable socket - duplex - 1 module	<input type="checkbox"/> N4285 <input type="checkbox"/> NT4285 <input checked="" type="checkbox"/> L4285	pre-connected HDMI 2.0 connector	
<input type="checkbox"/> N4268LC <input type="checkbox"/> NT4268LC <input checked="" type="checkbox"/> L4268LC		connector for fiber - optic cable sealing and type LC - duplex - 1 module		- 2 modules	
<b>DATA CONNECTOR</b>				USB connector	
				- 1 module	
<b>SPECIAL CONNECTORS</b>					
			<input type="checkbox"/> N4291 <input type="checkbox"/> NT4291 <input checked="" 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	
				- 1 module	

## Audible signalling devices



N4351/12



NT4355/12



L4357/12

## Luminous signalling devices



L4371V



N4371R



L4385/..



L4374V12V24

Item	BELLS	PILOT LIGHTS	
<input type="checkbox"/> N4351/12 ■ NT4351/12 ■ L4351/12	 bronze bell 12 Va.c. - 5 VA - 80 dB - 1 module	<input type="checkbox"/> N4371T ■ NT4371T ■ L4371T	lampholder with transparent diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
<input type="checkbox"/> N4351/230 ■ NT4351/230 ■ L4351/230	 bronze bell 230 Va.c. - 8 VA - 80 dB - 50 and 60 Hz - 1 module	<input type="checkbox"/> N4371R ■ NT4371R ■ L4371R	lampholder with red diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
<input type="checkbox"/> N4351/127 ■ NT4351/127 ■ L4351/127	 bronze bell 127 Va.c. - 8 VA - 80 dB - 1 module	<input type="checkbox"/> N4371V ■ NT4371V ■ L4371V	lampholder with green diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
<input type="checkbox"/> N4355/12 ■ NT4355/12 ■ L4355/12	 electronic bell - 3 different sounds - with front volume adjustment - 12 Va.c./d.c. - 2 modules	<input type="checkbox"/> N4372AV ■ NT4372AV ■ L4372AV	double lampholder with 2 diffusers: 1 orange + 1 green - for 2 LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
BUZZERS		OFF-DOOR LIGHT UNITS (WITH LAMP)	
<input type="checkbox"/> N4356/12 ■ NT4356/12 ■ L4356/12	 buzzer 12 Va.c. - 5 VA - 74 dB - 1 module	Note: for all models we recommend a mounting height between 160 and 205 cm (wall protrusion 52 mm)	
<input type="checkbox"/> N4356/230 ■ NT4356/230 ■ L4356/230	 buzzer 230 Va.c. - 8 VA - 75 dB - 50 and 60 Hz - 1 module	<input type="checkbox"/> L4385/12R <input type="checkbox"/> L4385/12V <input type="checkbox"/> L4385/12B	
<input type="checkbox"/> N4356/127 ■ NT4356/127 ■ L4356/127	 buzzer 127 Va.c. - 8 VA - 75 dB - 1 module	<input type="checkbox"/> L4385/24R <input type="checkbox"/> L4385/24V <input type="checkbox"/> L4385/24B	
		<input type="checkbox"/> L4385/230R <input type="checkbox"/> L4385/230V <input type="checkbox"/> L4385/230B	
		<input type="checkbox"/> L4745/12	
		<input type="checkbox"/> L4745/24	
		<input type="checkbox"/> L4745/230	
SIGNALLING LAMP			
		<input type="checkbox"/> L4374V12V24	signalling lamp with white light LED - 12/24 Va.c. - 2 modules
		<input type="checkbox"/> L4374/230	signalling lamp with white light LED - 230 Va.c. - 2 modules

# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Lighting devices and emergency lamps



LN4380N



LN4361



L4382/230



NT4362

Item

○ LN4380N



#### REMOVABLE LAMP

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 V.a.c. power supply - 2 modules. Supplied with neutral base and front cover plates in white, tech, anthracite colours

○ 4380NB



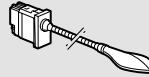
spare batteries for removable torch

Item

□ N4362

■ NT4362

■ L4362



#### DIMMABLE READING LAMP

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

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

○ 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

#### 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 V.a.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 V.a.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



N4301/6 N4305/6

L4356 L4311/10  
L4311/16

Item	<b>AUTOMATIC THERMAL MAGNETIC CIRCUIT BREAKERS</b>		Item	<b>BLANK PLATES</b>		
<input type="checkbox"/> N4301/6 ■ NT4301/6 ■ L4301/6		two-pole automatic thermal magnetic circuit breakers with a 6 A 230 V.a.c. protected pole - indicator of open/closed contacts - breaking capacity 1500 A 230 V.a.c.	<input type="checkbox"/> N4950 ■ NT4950 ■ L4950		blank plate - 1 module	
<input type="checkbox"/> N4301/10 ■ NT4301/10 ■ L4301/10		circuit breakers as above 10 A - breaking capacity 3000 A 230 V.a.c.	<input type="checkbox"/> N4951 ■ NT4951 ■ L4951		blank plate with knockout - 2 modules	
<input type="checkbox"/> N4301/16 ■ NT4301/16 ■ L4301/16		circuit breakers as above 16 A - breaking capacity 3000 A 230 V.a.c.	<input type="checkbox"/> N4952 ■ L4952		blank plate with clamp - 1 module	
<b> SALVAVITA</b>		<b> FLEX OUTLETS</b>		<b> SCREW COVERING SEALS</b>		
<input type="checkbox"/> N4305/6 ■ NT4305/6 ■ L4305/6		Salvavita - two-pole automatic thermal magnetic circuit breakers with a protected pole $\Delta n$ 10 mA - 6 A 230 V.a.c. - indicator of open/closed contacts - test pushbutton- breaking capacity 1500 A 230 V.a.c. - 2 modules	<input type="checkbox"/> N4953 ■ NT4953 ■ L4953		blank plate with output Ø 9 mm - 1 module	
<input type="checkbox"/> N4305/10 ■ NT4305/10 ■ L4305/10		Salvavita as above - 10 A - breaking capacity 3000 A 230 V.a.c.	<input type="checkbox"/> N4954 ■ NT4954 ■ L4954		blank plate with output Ø 9 mm - with clamp - 2 modules	
<input type="checkbox"/> N4305/16 ■ NT4305/16 ■ L4305/16		Salvavita as above - 16 A - breaking capacity 3000 A 230 V.a.c.	<b> CARRIAGE FUSES</b>		<b> NOTE:</b> specify in the order the desired rated current	
<b> INTERLOCKED SOCKETS</b>		<b> Items conform to BS 5733</b>		<b> To be used with N4322, NT4322, L4322 fuse carrier</b>		
<input type="checkbox"/> N4311/10 ■ NT4311/10 ■ L4311/10		2P+E socket with shielded tulip contacts 10 A - 230 V.a.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"/> N4955/20 ■ NT4955/20		- 20 A flex outlet frontplate unfused	
<input type="checkbox"/> N4311/16 ■ NT4311/16 ■ L4311/16		interlocked socket as above 16 A - 230 V.a.c.	<input type="checkbox"/> N4955/45 ■ NT4955/45		- 45 A flex outlet frontplate unfused	
<b> FUSE CARRIERS</b>		<b> Items conform to BS 5733</b>		<b> NOTE:</b> specify in the order the desired rated current		
<input type="checkbox"/> N4321 ■ NT4321 ■ L4321		fuse carrier for fuses 5x20 and 6.3x32 max 13A - 240 V.a.c.	<input type="checkbox"/> T/...	4-6-10-16-20 A - 400 V - breaking capacity 50 KA ceramic body - Ø 8.5x31.5 mm		
<input type="checkbox"/> N4322 ■ NT4322 ■ L4322		fuse carrier for fuses 8,5 x 31,5 mm - max 16A type T/...	<input type="checkbox"/> T1/...	4-6-10-16-20-25 A - 400 V - breaking capacity 50 KA ceramic body - Ø 9x36 mm		
<b> SURGE PROTECTIVE DEVICES</b>		<b> Items conform to BS 5733</b>		<b> NOTE:</b> specify in the order the desired rated current		
<input type="checkbox"/> N4536 ■ NT4536 ■ L4536		1 P surge protective devices to be combined with the users mains socket - rated discharge voltage $I_{DN}=1$ kA - max. current $I_{max}=2$ kA - max. protection voltage $U_{p}=1$ kV - rated voltage $U_{n}=110-230$ V.a.c. - max. permanent voltage $U_{c}=250$ V.a.c.	<input type="checkbox"/> T0/...	2-4-6-10-16A - 250V - breaking capacity 1.5KA ceramic body for home series devices - Ø 6x28 mm		

NOTE: AX = corrente per lampade ad incandescenza e fluorescenti

 White colour device    Tech colour device    Anthracite colour device    Neutral item

# 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:



LN4549



N4547



NT4915DD



NT4915MR



N4373H



N4028H

- 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



L4177



N4033



L4362

Item	BADGE-HOLDER POCKET	
<input type="checkbox"/> 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 V a.c. - 2 modules - to be completed with front cover in the desired look
<input type="checkbox"/> 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 V a.c. - 2 modules - to be completed with front cover in the desired look

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

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

MAKE UP THE ROOM - DO NOT DISTURB		
<input type="checkbox"/> N4373H	<input type="checkbox"/> NT4373H	
<input checked="" type="checkbox"/> L4373H		off-door lampholder with double optical signalling: DO NOT DISTURB - MAKE UP ROOM - 230V built in LEDs
<input type="checkbox"/> N4028H	<input type="checkbox"/> NT4028H	
<input checked="" type="checkbox"/> L4028H		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

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

SHAVER SOCKETS		
<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 checked="" type="checkbox"/> L4177*		

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

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

DIMMER READING LAMP		
<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 checked="" type="checkbox"/> L4362		

USB CHARGERS		
<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 checked="" 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 checked="" type="checkbox"/> L4285C2		

## LEDs for controls and pilot lights



LN4742V12T



LN4742V230

Item	LEDs FOR ROCKER CONTROLS
○ 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

### 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

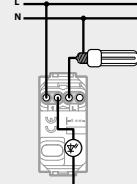
Lightable devices	LEDs for lighting
Rocker control devices	
Screw clamps	
1 module	2 modules
L4001/0	
L4003/0	
LN4004	
L4005/0	
N/NT/L4001N	N/NT/L4001M2N
N/NT/L4003N	N/NT/L4003M2N
N/NT/L4004N	N/NT/L4004M2N
N/NT/L4005N	N/NT/L4005M2N
N/NT/L4002N	N/NT/L4002M2N
N/NT/L4044N	N/NT/L4044M2N
LN4742V12 (12/24 V)	
LN4742V127 (127 V)	
LN4742V230 (230 V)	
LN4742V12V (12/24 V)	
LN4742V127V (127 V)	
LN4742V230V (230 V)	
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
Axial control devices	
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)	
Pushbuttons with pilot light lampholder	
1 module	
N/NT/L4038R	LN4742V12T (12/24 V)
N/NT/L4038V	LN4742V127T (127 V)
LN4040	LN4742V230T (230 V)
Pilot light lampholder	
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)
British standard products	
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

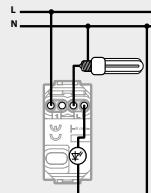
#### CONTROL BACKLIGHTING LED CONNECTION

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.

function: locating



function: load status LED



# Livinglight

## TRADITIONAL ELECTRICAL SYSTEM

### Supports

#### 2 MODULE AREA



LN4702MG



LN4702M

#### 3 MODULE AREA



L4702G



L4702

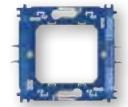


LN4719G\*



LN4719\*

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



LN4702G



LN4702



LN4703



LN4704



LN4707



LN4726

#### Item 2 MODULE AREA INSTALLATION - METALLIC SUPPORT

<input type="radio"/> <b>LN4702MG</b>	2 module support - clip fastening
<input type="radio"/> <b>LN4702M</b>	2 module support - screw fastening

#### 2 MODULE AREA INSTALLATION - PLASTIC SUPPORT

<input type="radio"/> <b>LN4702G</b>	2 module support - clip fastening
<input type="radio"/> <b>LN4702</b>	2 module support - screw fastening

#### Item 3 MODULE AREA INSTALLATION - PLASTIC SUPPORT

<input type="radio"/> <b>L4702G</b>	2 module support - clip fastening
<input type="radio"/> <b>L4702</b>	2 module support - screw fastening
<input type="radio"/> <b>LN4719G</b>	2 central module support - for item LNA4819.. - clip fastening
<input type="radio"/> <b>LN4719</b>	2 central module support - for item LNA4819... - screw fastening
<input type="radio"/> <b>LN4703</b>	3 module support - screw fastening
<input type="radio"/> <b>LN4704</b>	4 module support - screw fastening
<input type="radio"/> <b>LN4707</b>	7 module support - screw fastening
<input type="radio"/> <b>LN4726</b>	3+3 module support - screw fastening



LN4782



LN4783

#### Item PROTECTION SHEATHS

<input type="radio"/> <b>LN4782</b>	protection sheath for 2 module LIVING support item LN4702G and LN4702 - can be used during finishing plastering works
<input type="radio"/> <b>LN4783</b>	protection sheath as above for 3 module support item LN4703
<input type="radio"/> <b>LN4784</b>	protection sheath as above for 4 module support item LN4704
<input type="radio"/> <b>LN4787</b>	protection sheath as above for 7 module support item LN4707
<input type="radio"/> <b>LN4786</b>	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
<b>LN4702MG</b>	YES	
<b>LN4702M</b>	YES	
<b>LN4702G</b>	NO	<b>LN4782</b>
<b>L4702</b>	NO	<b>LN4782</b>
<b>LN4702</b>	NO	
<b>L4702G</b>	NO	
<b>L4702</b>	NO	
<b>LN4719G</b>	NO	
<b>LN4719</b>	NO	
<b>LN4703</b>	NO	<b>LN4783</b>
<b>LN4704</b>	NO	<b>LN4784</b>
<b>LN4707</b>	NO	<b>LN4787</b>
<b>LN4726</b>	NO	<b>LN4786</b>

Livinglight

# Livinglight AIR

## TRADITIONAL ELECTRICAL SYSTEM

### Supports

#### 2 MODULE AREA



LN4702E

#### 3 MODULE AREA



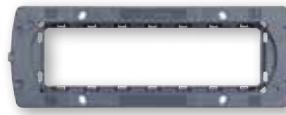
LN4702C



LN4703C



LN4704C



LN4707C



LN4726C

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

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



LN4783C



LN4784C

Item	PROTECTION SHEATHS
○ <b>LN4783C</b>	protection sheath as above for 3 module support item LN4703C
○ <b>LN4784C</b>	protection sheath as above for 4 module support item LN4704C
○ <b>LN4787C</b>	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
LN4702E	YES	
LN4702C	NO	
LN4703C	NO	LN4783C
LN4704C	NO	LN4784C
LN4707C	NO	LN4787C
LN4726C	NO	

## Accessories



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 <input checked="" type="checkbox"/> NT4402N <input checked="" type="checkbox"/> L4402N
1 module resistive dimmer		<input type="checkbox"/> N4406 <input checked="" type="checkbox"/> NT4406 <input checked="" type="checkbox"/> L4406
10 A 1 module axial pushbutton + MH BASIC interface		<input type="checkbox"/> N4055A <input checked="" type="checkbox"/> NT4055A <input checked="" type="checkbox"/> L4055A
10 A 2 module axial pushbutton + MH BASIC interface		<input type="checkbox"/> N4055M2A <input checked="" type="checkbox"/> NT4055M2A <input checked="" type="checkbox"/> L4055M2A
230 V.a.c. shaver socket		<input type="checkbox"/> N4177 <input checked="" type="checkbox"/> NT4177 <input checked="" type="checkbox"/> L4177

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

○ 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

		
MyHOMEServer1	3488	F429
Item	<b>CONTROL SERVER USING THE APP</b>	<b>SCS/DALI INTERFACE</b>
○ MyHOMEServer1	 <p>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.</p>	 <p>DALI dimmer, 8 independent outputs with maximum load 16 ballast at 230 Vac, pushbutton for load direct control - 6 DIN modules</p>
○ MHSERVERKIT	<b>MyHOMEServer1 KIT</b> <p>kit containing MyHOMEServer1 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.</p>	<b>DRIVER MANAGER</b>  <p>integration platform with other brand systems - 6 DIN modules</p>
<p><b>Note:</b> For the details of the products managed by MyHome_Up and the compatible products, see the corresponding guide.</p>		
<p><b>HOMETOUCH - TOUCH SCREEN 7"</b></p>		
□ 3488W		<p>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.</p>
■ 3488		
<p><b>BOX FOR FLUSH MOUNTED INSTALLATION</b></p>		
○ 3487		<p>box for flush mounted installation of the HOMETOUCH Touch screen item 3488 and 3488W. Width 197 mm, height 148 mm and depth 52 mm.</p>
○ 3487AP		<p>support for flush mounted installation on plasterboard walls of the HOMETOUCH Touch screen item 3488 and 3488W.</p>

## Lights and shutter automation



L4652/2



L4652/3



L4680



F428



F425

Item	<b>CONTROLS FOR SINGLE OR DOUBLE LOADS</b>	<b>SCENARIO CONTROL</b>
○ L4652/2	<p>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</p>	<input type="checkbox"/> N4680 <input checked="" type="checkbox"/> NT4680 <input type="checkbox"/> ■ L4680 <p>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.</p>
○ L4652/3	<p>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</p>	<input type="checkbox"/> ○ LN4652 <p>8-KEY control for light management, shutter automation, sound system and scenarios - SCS-BUS connection - sizes: 2 modules</p>
		A5 sheets for the customisation of the control symbols item LN4652. The sheets can be customised using the tool found in the MyHOME_Suite configuration software.
		<input type="checkbox"/> ○ 3541 black <input type="checkbox"/> ○ 3542 white
Item	<b>CONTROL FOR SHUTTER MANAGEMENT</b>	<b>HOME-AUTOMATION HINGE</b>
○ LN4660M2	<p>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.</p>	<input type="checkbox"/> ○ 4911TDM <p>accessory for the installation of 2-module key covers on devices installed in 503E box</p>
Item	<b>CONTROL FOR SPECIAL FUNCTIONS</b>	<b>CONTACT INTERFACE</b>
○ L4651M2	<p>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</p>	<input type="checkbox"/> ○ 3477 <p>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 accept two traditional switches or pushbuttons with NO and NC contact, or a traditional two-way switch, or interlocked pushbuttons</p>
		<input type="checkbox"/> ○ F428 <p>as above - 2 DIN modules</p>
Item		<b>MEMORY MODULE</b>
		<input type="checkbox"/> ○ F425 <p>module for saving the status of the actuators – to reset the light Automation system in case of blackout - 2 lowered DIN modules</p>

# Livinglight

## MyHOME\_UP SYSTEM

### Lights and shutter automation



LN4672M2



3476

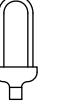
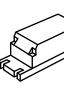
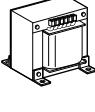
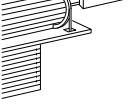
Item	LIGHT AND SHUTTER CONTROL/ACTUATOR	SHUTTER CONTROL/ACTUATOR
○ LN4672M2	 <p>actuator/control with 2 independent relays - for single, double or mixed loads: 1380 W resistive, 1380 W incandescence lamps, 460 W for reducer motors, 460 VA <math>\cos\phi</math> 0.5 for ferromagnetic transformers and 250 W for fluorescent lamps - logic relay interlock via configuration. The device can be also configured to manage a remote actuator - 2 modules.</p>	 <p>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</p>
○ 3476	 <p>1 relay actuator - for single loads: 2 A resistive or incandescence lamps, 2 A <math>\cos\phi</math> 0.5 for ferromagnetic transformers - a traditional pushbutton with NO contact accepted in input</p>	

#### LIGHT CONTROL/ACTUATOR

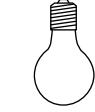
○ 3476

Item	Light Control/Actuator
○ 3476	 <p>1 relay actuator - for single loads: 2 A resistive or incandescence lamps, 2 A <math>\cos\phi</math> 0.5 for ferromagnetic transformers - a traditional pushbutton with NO contact accepted in input</p>

#### LOADS THAT CAN BE DRIVEN (230 V.a.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 Max 2 lamps	250 VA	250 W Max 2 lamps	460 W	460 VA	460 W	
3476	2 A 460 W	40 W Max 1 lamp	-	40 W Max 1 lamp	-	2 A $\cos\phi$ 0.5 460 VA	-	-
LN4661M2	-	-	-	-	-	-	2 A 250 V.a.c.	

#### Notes:

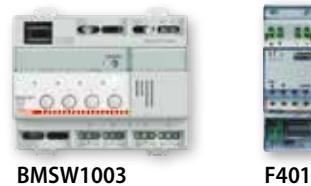
- 1) Power factor corrected fluorescent lamps, discharge lamps.
- 2) Account must be taken of the transformer yield to calculate the effective power of the load connected to the actuator. For example if a dimmer is connected to a 100 VA ferromagnetic transformer with yield 0.8, the effective power of 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 V a.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 V a.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 V a.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 1380 W	250 W Max 4 lamps	4 A 230 W	250 W Max 4 lamps	4 A 230 W	4 A $\cos\phi$ 0,5 460 VA	2 A 460 W
F411/4	2 A 460 W	70 W Max 2 lamps	0.3 A 70 W	70 W Max 2 lamps	0.3 A 70 W	2 A $\cos\phi$ 0,5 460 VA	2 A 460 W
BMSW1003	16 A 3680 W	2.1 A 500 VA	10 X (2 X 36 W) 4.3 A	1150 W 5 A	16 A 3680 W	16 A 3680 W	-
BMSW1005	16 A 3680 W	2.1 A 500 VA	4.3 A 10X2X36 W	5 A 1150 VA	16 A 3680 W	16 A 3680 W	-
F401							2 A 250 V a.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.

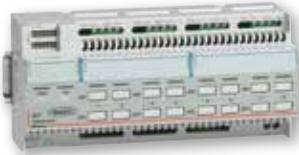
# Livinglight

## MyHOME\_UP SYSTEM

### Lights and shutter automation



F413N



BMDI1002



F429



F416U1



F418U2

Item	DIMMERS FOR CENTRALISATIONS	Item	MULTI-LOAD DIMMERS FOR CENTRALISATIONS
○ F413N	<p>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 V a.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</p>	○ F416U1	<p>multi-load dimmer, 1 output with maximum load 4.3 A at 230 V a.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbutton for load direct control - 6 DIN modules</p>
○ BMDI1002	<p>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</p>	○ F418U2	<p>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</p>
○ F429	<p>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</p>		

LOADS THAT CAN BE DRIVEN (230 V a.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>
BMDI1002	Dimmer for ballast - 4 x 4.3 A outputs - 4x 1000VA@ 230 Vac - 4x500VA@ 230 Vac						
F413N	-	-	2 A 460 W <sup>5)</sup> Max 10 ballast, type T5, T8, compact or driver for LED	-	-	-	-
F416U1	4.3 A 40 - 1000 W	-	-	-	4.3 A 40 - 1000 W	4.3 A 40 - 1000 W	-
F418U2	2x300 W	2x300 VA	-	2x300 VA	2x300 VA	2x300 VA	-
F429	SCS/DALI dimmer interface - 8 x 16 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



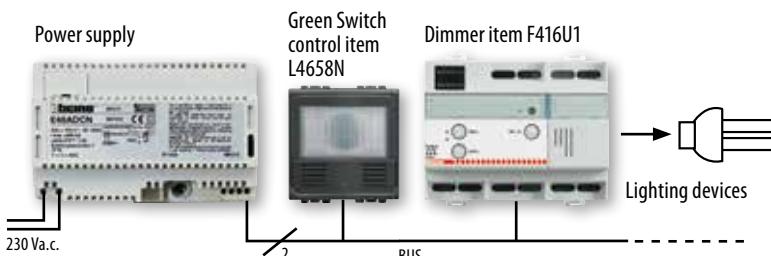
L4658N



N4659N

Item	PIR+US DOUBLE TECHNOLOGY GREEN SWITCH	PIR PASSIVE INFRARED GREEN SWITCH
<input type="checkbox"/> N4658N <input type="checkbox"/> NT4658N <input checked="" type="checkbox"/> L4658N	<b>PIR+US DOUBLE TECHNOLOGY GREEN SWITCH</b> <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>	<b>PIR PASSIVE INFRARED GREEN SWITCH</b> <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

○ BMSE3001



LIGHTING/MOVEMENT SENSORS

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 m<sup>2</sup>) 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 m<sup>2</sup>) infrared coverage area for a 2.5 m installation height, 11 mm diameter (95 m<sup>2</sup>) 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

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	PROBE WITH DISPLAY	PROBE WITHOUT DISPLAY
○ LN4691	<p><b>PROBE WITH DISPLAY</b></p>  <p>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.</p>	<p><b>PROBE WITHOUT DISPLAY</b></p>  <p>temperature probe in basic module with wired sensor - to be associated to the temperature sensor item 3457 and Vantage probe item 8051</p>
□ N4693 ■ NT4693 ■ L4693	<p><b>SLAVE PROBE</b></p>  <p>probe to control the room temperature for heating and cooling systems – temperature measurement range 3–40 °C - 2 modules</p>	<p><b>ACCESSORIES</b></p>  <p>temperature probe to be associated to the probe item 3454</p>
Item	ACTUATORS	
○ F430/2	 <p>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</p>	
○ F430/4		<p>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</p>
○ F430R8	 <p>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</p>	
○ F430R3V10		<p>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</p>
○ F430V10	 <p>actuator with 2 x 0-10 Volt outputs for the control of 0-10 proportional valves - SCS-BUS connection - 2 DIN modules</p>	

# Livinglight

## MyHOME\_UP SYSTEM

### Energy Management



Item	CONSUMPTION DISPLAY	LOAD CONTROL MANAGEMENT	ACCESSORIES
○ 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. The device is fitted with 1 toroid.	□ N4672N ■ NT4672N ■ L4672N
○ 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.	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
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. The device is fitted with 1 toroid.	○ 3508BUS
○ 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 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.	 removable clamp for BUS connection - width 3.81 mm
○ 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.	○ 3508U2 ○ 3508U3 removable clamp 2 poles removable clamp 3 poles

## Common accessories and devices



E46ADCN



E49

L4669  
L4669/500

336904

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

Item	CONNECTION CABLES
○ 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
○ L4669/500	as above - in 500 m coils
○ L4669KM1	 as above - reel lenght 1000 m (1)
○ 336905	 as above - low toxicity cable without halogens - ideal for application in environments where fire hazard safety is critical - coil length 200 metres
○ 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 L4669/500 L4669KM1 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



N4915LN N4915M2LN



NT4915N NT4915N



L4915N L4915N

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



N4911N N4911M2N



NT4911N NT4911M2N



L4911N L4911M2N

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

	1 module	2 modules
Item		Item
<input type="checkbox"/>	N4915LN	N4915M2LN
<input type="checkbox"/>	NT4915N	NT4915M2N
<input checked="" type="checkbox"/>	L4915N	L4915M2N

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

	1 module	2 modules
Item		Item
<input type="checkbox"/>	N4911N	N4911M2N
<input type="checkbox"/>	NT4911N	NT4911M2N
<input checked="" type="checkbox"/>	L4911N	L4911M2N

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

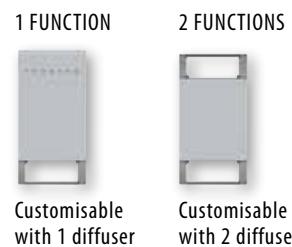
**NT4915AN**   **NT4915M2ADN**   **NT4915MR**
**2-FUNCTION SILK-SCREEN PRINTED KEY COVERS**

**NT4911AHN**   **NT4911AIN**
**SILK-SCREEN PRINTED KEY COVERS WITH SYMBOLS - 1 FUNCTION**

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

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

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

**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"/>	<b>N4915TN</b>	<b>N4915M2TN</b>
	<input checked="" type="checkbox"/>	<b>NT4915TN</b>	<b>NT4915M2TN</b>
	<input checked="" type="checkbox"/>	<b>L4915TN</b>	<b>L4915M2TN</b>
2 FUNCTION CUSTOMISABLE KEY COVER WITH 2 DIFFUSERS*	<input type="checkbox"/>	<b>N4911TN</b>	<b>N4911M2TN</b>
	<input checked="" type="checkbox"/>	<b>NT4911TN</b>	<b>NT4911M2TN</b>
	<input checked="" type="checkbox"/>	<b>L4911TN</b>	<b>L4911M2TN</b>

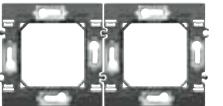
**DIFFUSER KIT**

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

# LIVINGLIGHT AIR - 2 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

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

## Table for selecting codes

		Cover plate modules			AIR COVER PLATE CODES
		2	2+2	2+2+2	2 modules - LNE4802...
MONOCHROME (zamak)					2 + 2 modules - LNE4802M2...
	Pure white	LNE4802BN	LNE4802M2BN	LNE4802M3BN	2 + 2 + 2 modules - LNE4802M3...
	Tech	LNE4802TE	LNE4802M2TE	LNE4802M3TE	
	Anthracite	LNE480AR	LNE4802M2AR	LNE4802M3AR	
SOFT (zamak)					
	Street	LNC4802ST	LNE4802M2ST	LNE4802M3ST	
	Clay	LNC4802CY	LNE4802M2CY	LNE4802M3CY	
	Sand	LNC4802SB	LNE4802M2SB	LNE4802M3SB	
	Blue moon	LNC4802BM	LNE4802M2BM	LNE4802M3BM	
SHINY (zamak)					
	Pewter	LNC4802PT	LNE4802M2PT	LNE4802M3PT	
	Palladium	LNC4802PL	LNE4802M2PL	LNE4802M3PL	
	Satin gold	LNC4802OF	LNE4802M2OF	LNE4802M3OF	
	Satin nickel	LNC4802NK	LNE4802M2NK	LNE4802M3NK	
	Pearl white	LNC4802PR	LNE4802M2PR	LNE4802M3PR	
BRUSHED (zamak)					
	Brushed titanium	LNC4802TIS	LNE4802M2TIS	LNE4802M3TIS	
	brushed chrome	LNC4802CRS	LNE4802M2CRS	LNE4802M3CRS	
Supports					
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				
Metallic supports				
Supports				
No. of modules				
Cover plates				

**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				
No. of modules				
Cover plates				

INSTALLATION OF LN4702 AND LN4702G SUPPORTS				
	<b>71 mm</b> centre distance installation			<b>57 mm</b> centre distance installation
<b>LN4702 (fixing with screw)</b>	To place side by side 2 or more supports	<b>LN4702G (fixing with clips)</b>		Before placing side by side 2 or more supports, detach upper and lower sides as indicated

# LIVINGLIGHT SQUARE COVER PLATES

## - 2 MODULE AREA INSTALLATION SYSTEM

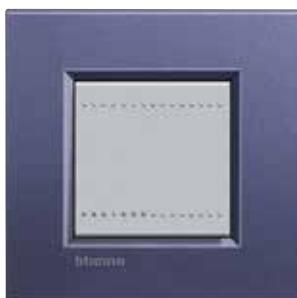
### Table for selecting codes

MODULES							
	2	2+2 Centre distance 71 mm	2+2+2 Centre distance 71 mm	2+2+2+2 Centre distance 71 mm	2+2 Centre distance 57 mm	2+2+2 Centre distance 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

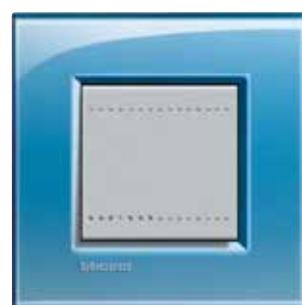
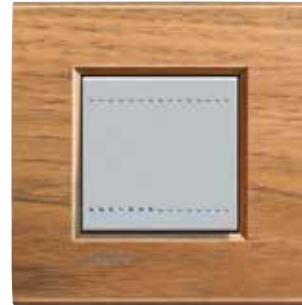
## - 2 MODULE AREA INSTALLATION SYSTEM

### Cover plate finishing

<b>METALS</b> Material: zamak	 Ice gold - OA	 Bronze - BZ
<b>NATURALIA</b> Material: zamak	 Native - NA	 Silver - AG
		 Brushed steel - ACS
<b>SILK</b> Material: zamak	 Park - PK	 Square - SQ
		 Brick - RK
<b>SILK</b> Material: zamak	 Avenue - AE	 Club - CB

#### SQUARE COVER PLATE CODES

- 2 modules - LNA4802...
- 2+2 modules - centre distance 71 mm - LNA4802M2...
- 2+2+2 modules - centre distance 71 mm - LNA4802M3...
- 2+2+2+2 modules - centre distance 71 mm - LNA4802M4...
- 2+2 modules - centre distance 57 mm - LNA4832M2...
- 2+2+2 modules - centre distance 57 mm LNA4832M3...

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

# LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

## Cover plate installation

SELECTION TABLE

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

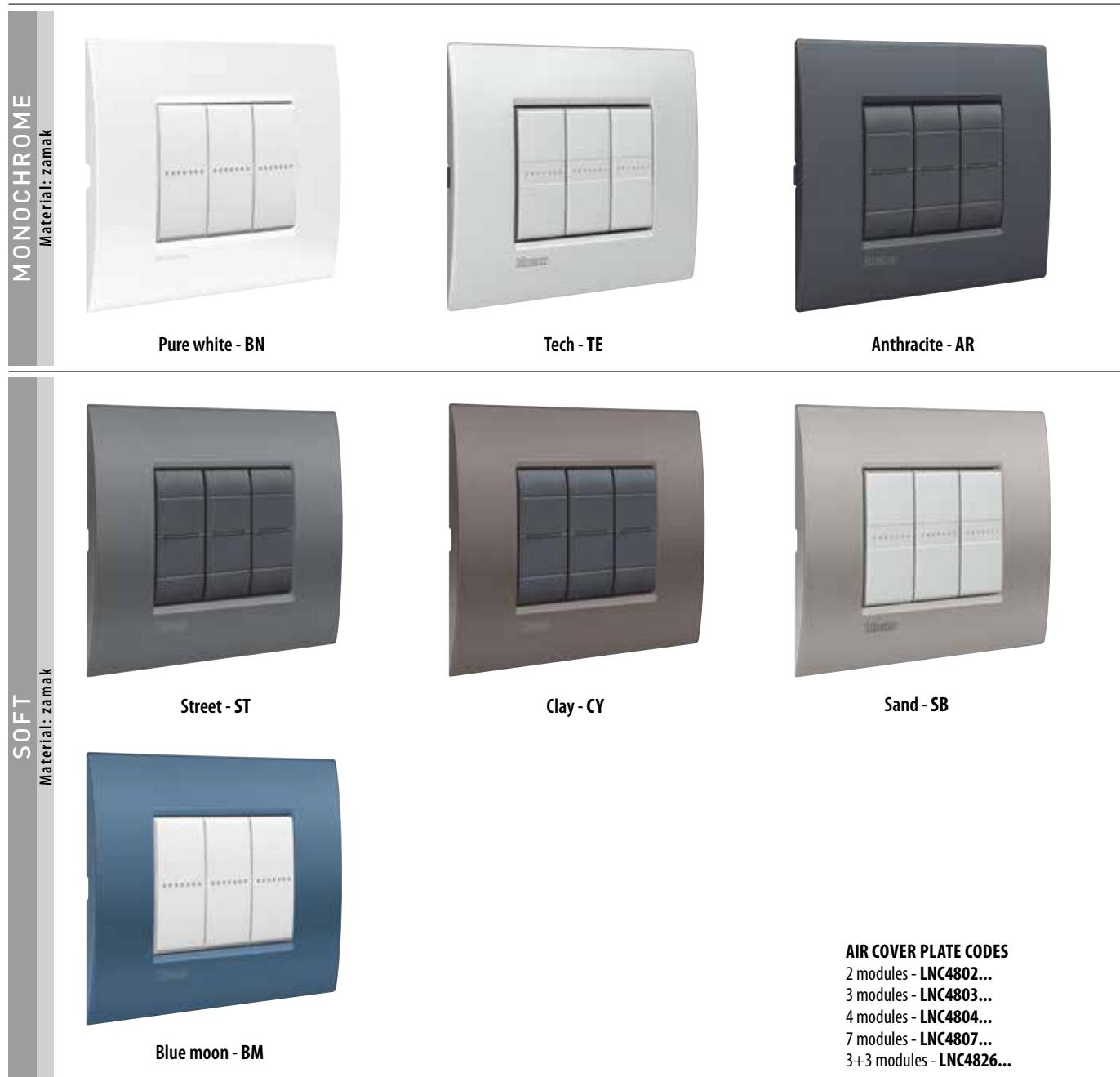
		3	4	7	3 + 3
MONOCHROME (zamak)					
<input type="checkbox"/>	Pure white	LNC4803BN	LNC4804BN	LNC4807BN	LNC4826BN
<input type="checkbox"/>	Tech	LNC4803TE	LNC4804TE	LNC4807TE	LNC4826TE
<input type="checkbox"/>	Anthracite	LNC4803AR	LNC4804AR	LNC4807AR	LNC4826AR
SOFT (zamak)					
<input type="checkbox"/>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

### Supports

Supports	LN4703C	LN4704C	LN4707C	LN4726C

# LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

## Cover plate finishing



**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

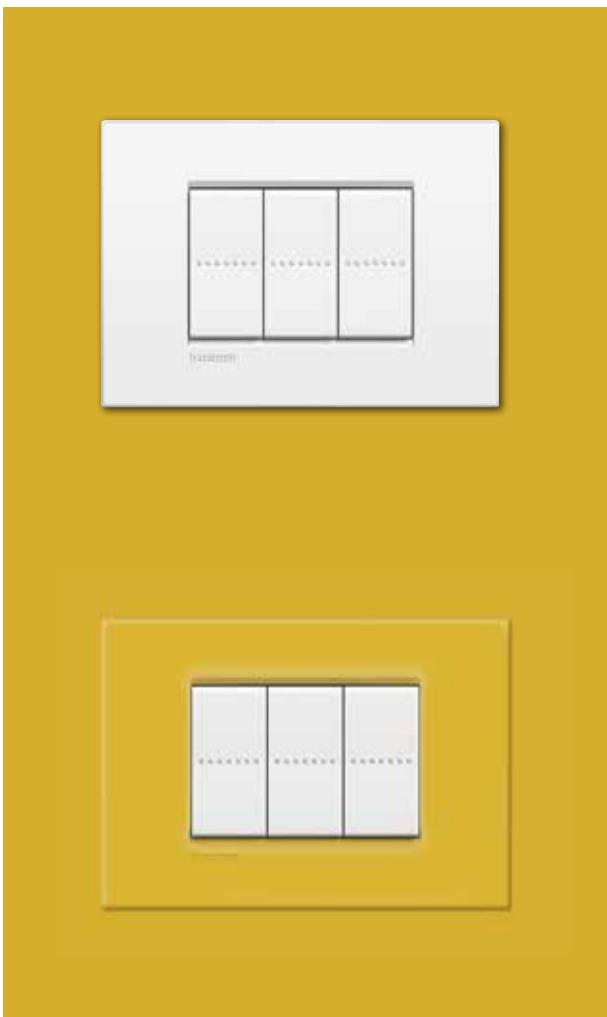
Before painting with house paint, the surface should be sanded/matted for better adhesion. Resin-rich products (e.g. water-based varnishes) should be used.

#### 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						
Plasterboard boxes						
Supports						
No. of modules						
Square cover plates						

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)

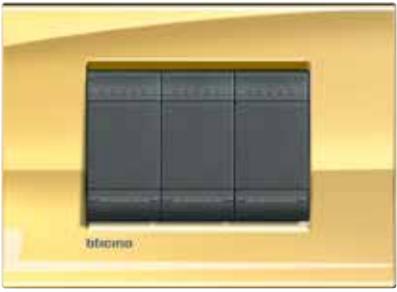
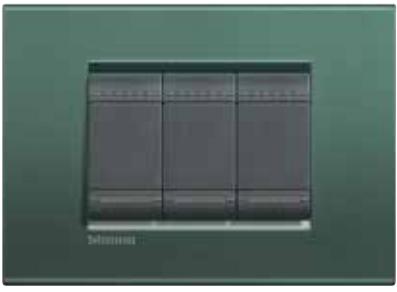
Flush mounted boxes	<b>500</b> (Ø 60x44 mm)		<b>502E</b> (70x70x50)		<b>503E</b> (108x74x53.5 mm)	
Plasterboard boxes			<b>PB502N</b> (Ø 71x50.5 mm)		<b>PB503N</b> (110x71x52 mm)	
Supports	<b>LN4719G</b> fastening with clips				<b>LN4719</b> with screws	
No. of mod.			2 modules			
Square cover plates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

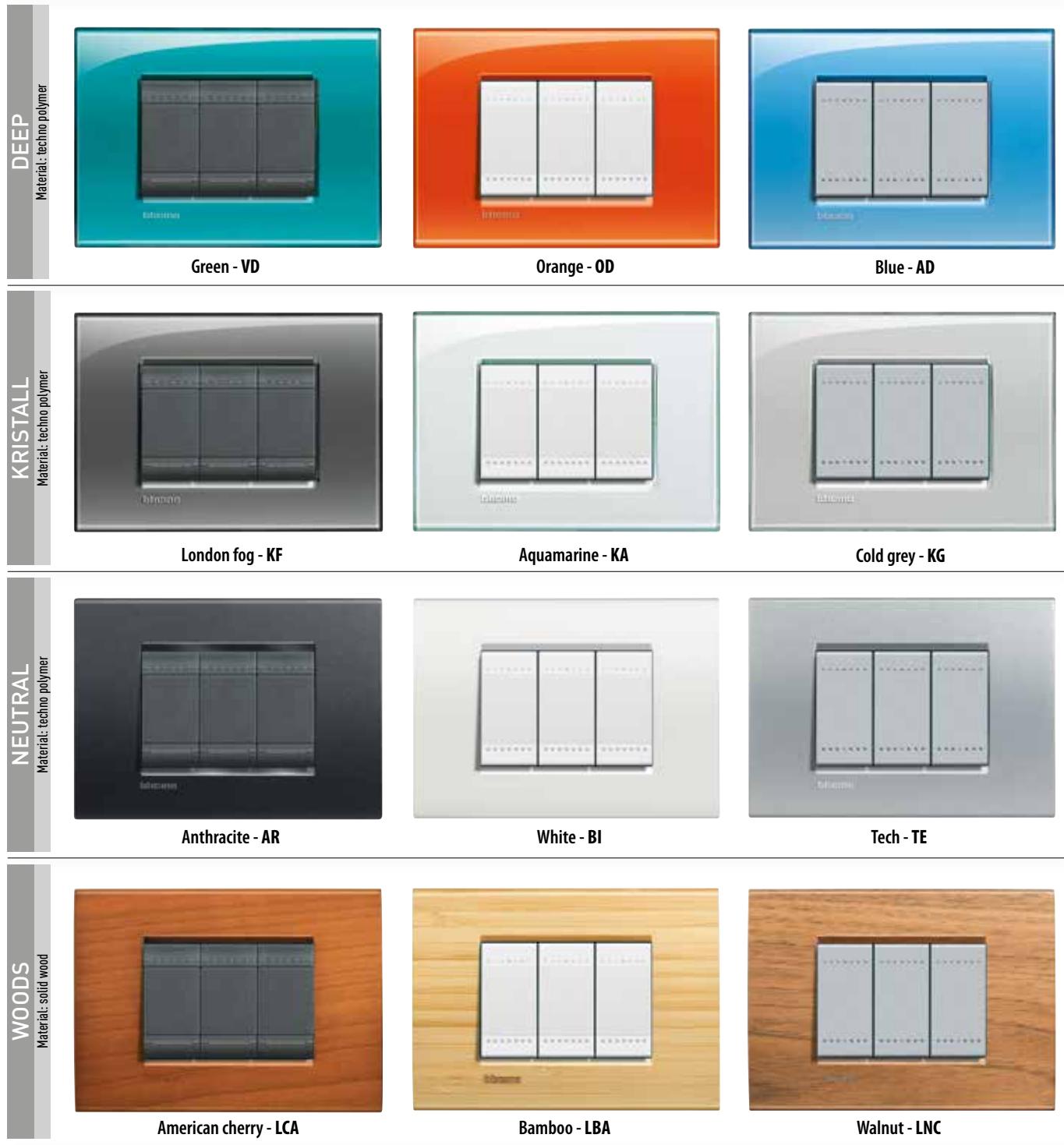
NOTE: long screws 35 mm item 500/00 are available

# LIVINGLIGHT SQUARE COVER PLATES

## - 3 MODULE AREA INSTALLATION SYSTEM

### Square cover plate finishing

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



# 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

Customisable transparent key cover for rocker control devices

Item	
<input type="radio"/> N4932	1 module
<input type="radio"/> N4932/2	2 modules
<input type="radio"/> N4932/3	3 modules



Customisable transparent cover plates

<input type="radio"/> LND4802KR	2 modules
<input type="radio"/> LND4819KR	2 centred modules (LN4719 or LN4719G)
<input type="radio"/> LND4803KR	3 modules
<input type="radio"/> LND4804KR	4 modules
<input type="radio"/> LND4807KR	7 modules
<input type="radio"/> LND4826KR	3 + 3 modules

<input type="radio"/> LND4802M2KR	2 + 2 modules centre distance 71mm
<input type="radio"/> LND4802M3KR	2 + 2 + 2 modules centre distance 71mm
<input type="radio"/> LND4832M2KR	2 + 2 modules centre distance 57mm
<input type="radio"/> LND4832M3KR	2 + 2 + 2 modules centre distance 57 mm

## COVER PLATE CUSTOMISATION

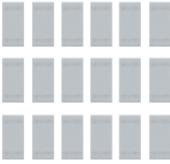


Cover plate and under plate may be separated and interleaved with the decorating element



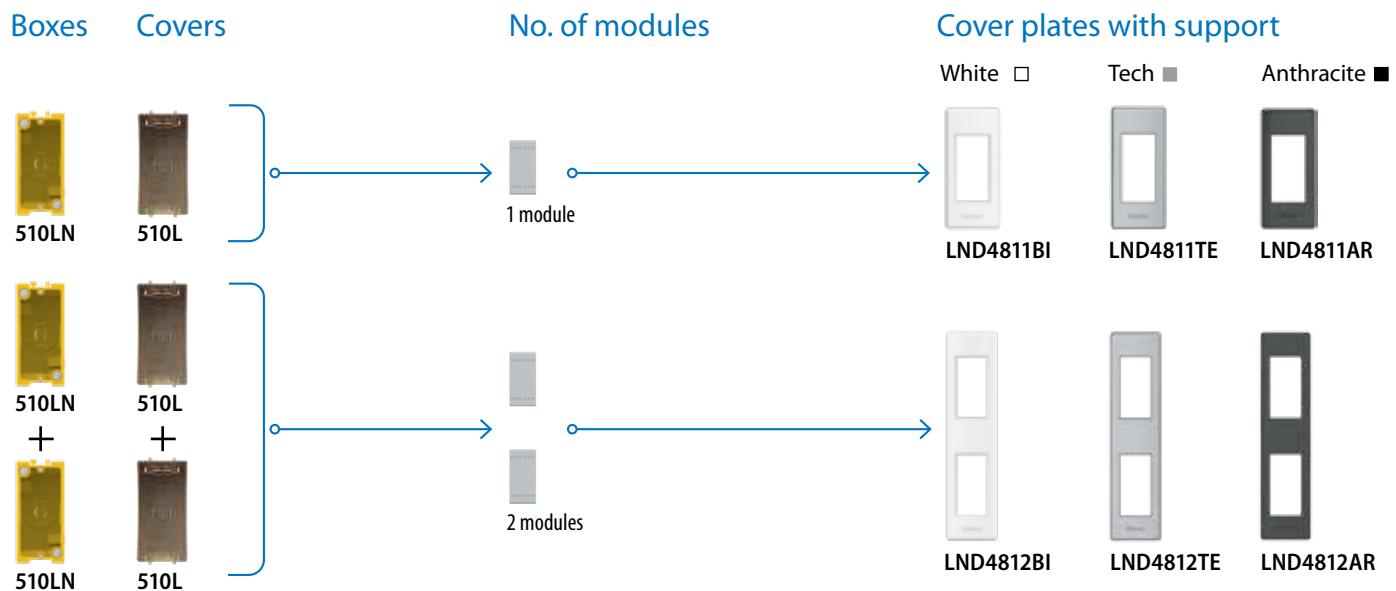
Remove the original key cover and insert the transparent one, making sure to follow the assembly sequence.

# INSTALLATION IN WALL-MOUNTED BOXES

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

# OTHER INSTALLATIONS

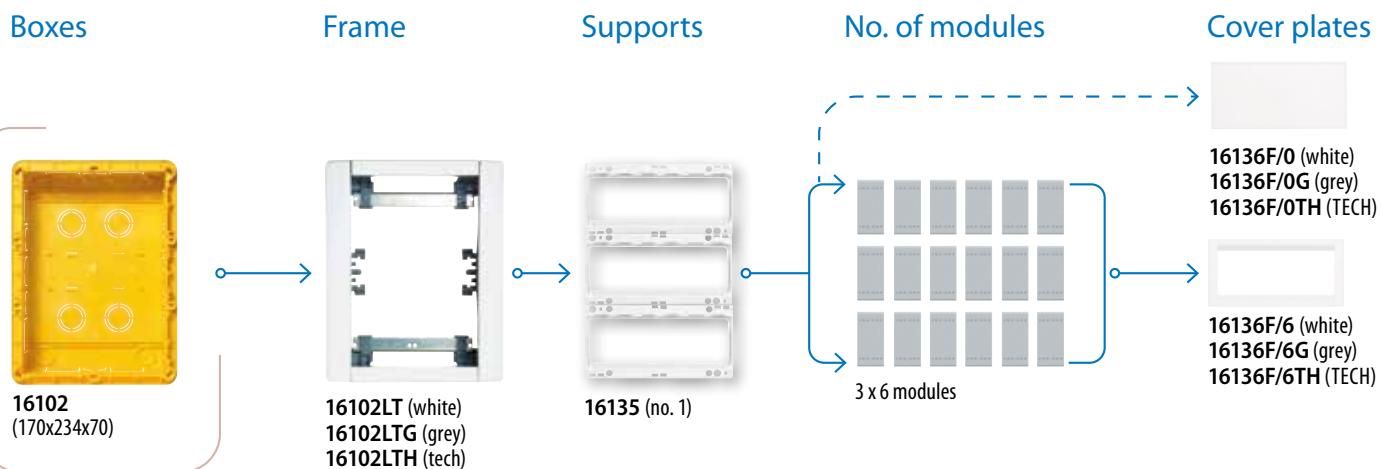
## INSTALLATION ON RAILS



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



# INSTALLATION IN FLUSH-MOUNTED BOX WITH PROTECTED COVERS

UNIVERSAL COVER SELECTION TABLE

Flush mounted boxes		503E (108x74x53.5 mm)	
Plasterboard boxes		PB503N (110x71x52 mm)	
IP44 - IDROBOX universal cover		26603	
Supports			
No. of modules	3 modules	3 modules	2 modules
Cover plates			

SELECTION TABLE FOR 2 OR 3 MODULES

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

SELECTION TABLE FOR 4 MODULES

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

### IP40 housings

4 modules  
IP40



24404/2

### IP55 housings

1 module  
IP55



24501

2 modules  
IP40



24402

6 modules  
IP40



24406

2 modules  
IP55



24502

3 modules  
IP40



24403

3 modules  
IP55



24503

4 modules  
IP40



24404

4 modules  
IP55



24504

# INSTALLATION IN PROTECTED HOUSINGS AND OTHER



25700



25700F/16  
25700F/20



150560F  
Cutter for raised floor

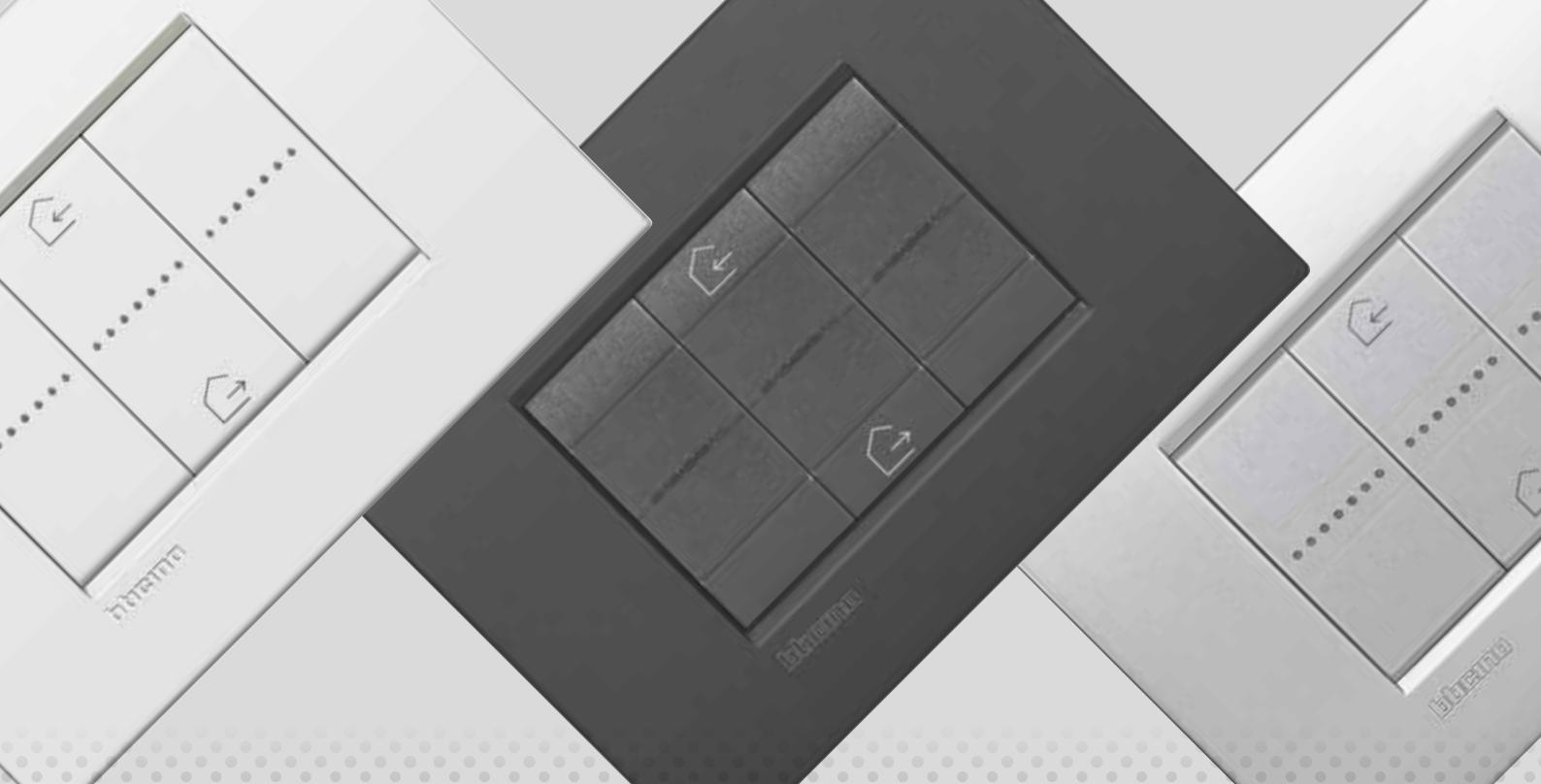


150560SB  
Box for cement floors



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

WIRING ACCESSORIES - FLOOR BOXES	
○ 150560AC	These floor boxes were planned for being equipped with 1 or 2 module devices of the wiring accessories series LIVINGLIGHT. Thanks to the cover with automatic shutting and hinge made of caoutchouc, they allow a very good protection degree (IP24-7). 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. 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). Dimensions: – ext. diameter 100 mm – protrusion from the floor max. 4.5 mm
○ 150560OT	2 module column, inox
○ 150560SB	2 module column, brass
○ 150560SB	box for cement
○ 150560S	underfloor flush mounted box
○ 150560F	cutter diam. 86 mm



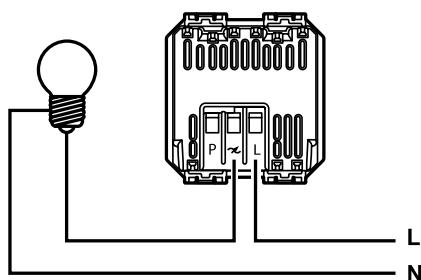
# TECHNICAL INFORMATION DIMENSIONAL DATA

# TECHNICAL INFORMATION

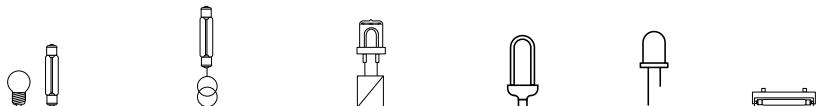
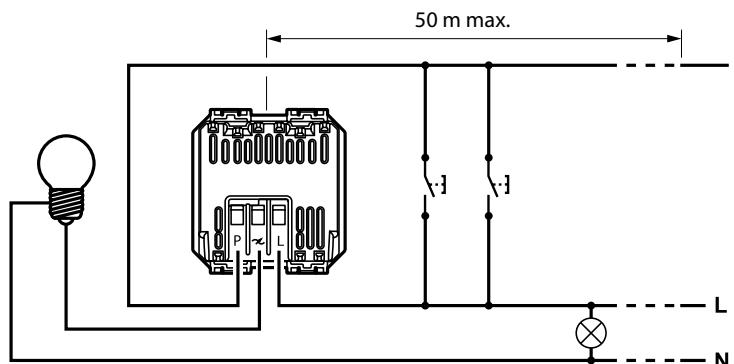
## Dimmer

### UNIVERSAL DIMMER: ELECTRICAL CONNECTIONS

Stand alone dimmer



Dimmer with remote pushbuttons



### Loads

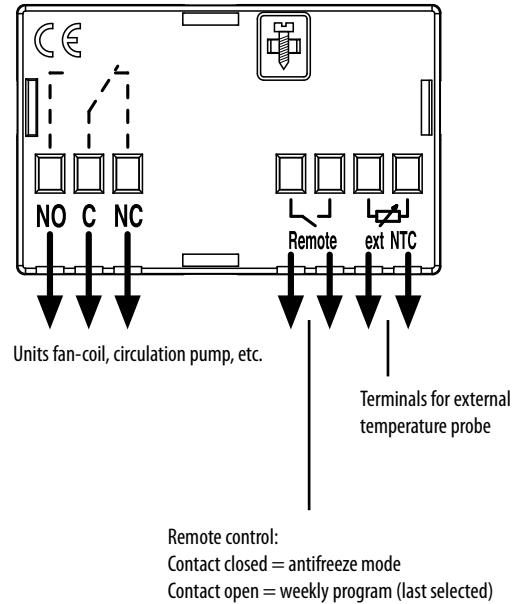
Item	Type	range	supply std	Incandescents and halogens	Halogens with ferromagnetic transformer	Halogens with electronic transformer	Dimmable compact fluorescents	Dimmable LED lamps	Fluorescents with electronic 0-10 V ballast
N4402N	Resistive	230 V.a.c. 50 Hz	230 V.a.c.	60 - 500 W					
NT4402N								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

## 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:  $R(25^\circ\text{C}) = 10\text{k}$  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.).

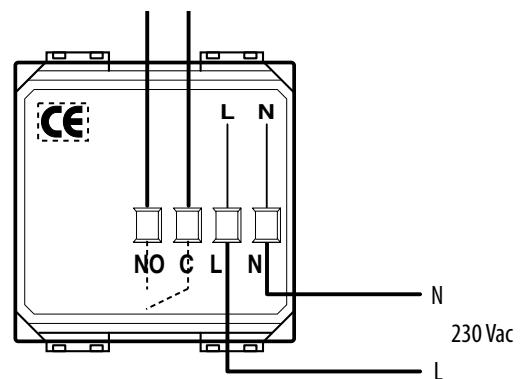


ITEM L/N/NT4442

### 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 Ø 2.5 mm<sup>2</sup>;
- for heating and air conditioning systems: boilers, fan-coil units, air conditioners, fan coils;
- with "summer / winter" switch.

Units fan-coil, circulation pump, etc.



# TECHNICAL INFORMATION

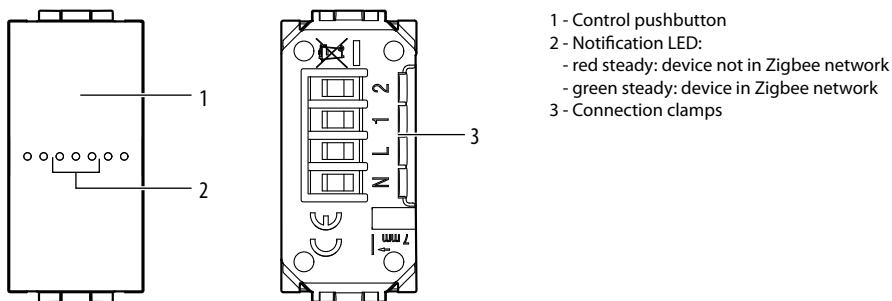
## Devices for the Smart electrical system

### TECHNICAL FEATURES FOR ALL DEVICES

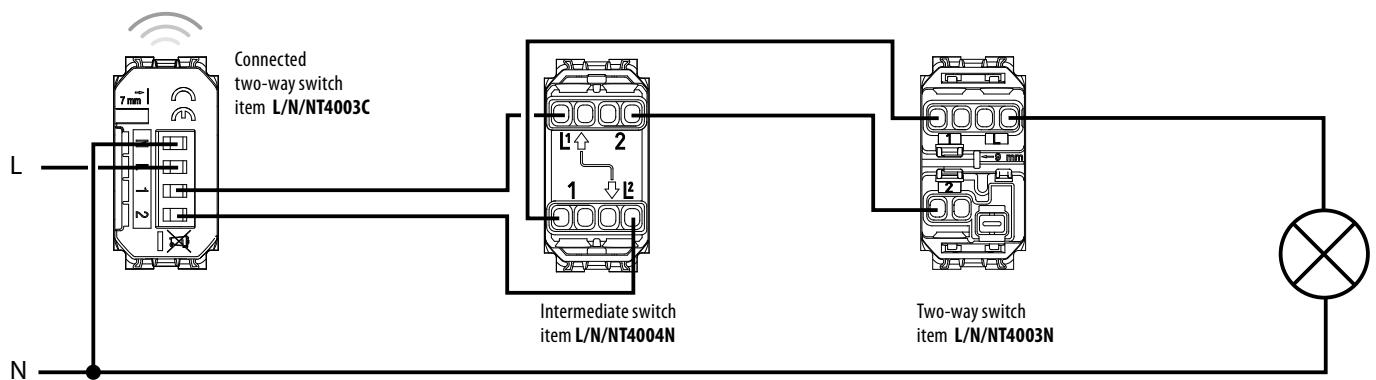
- Technology: ZigBee certified product, Zigbee 3.0 public profile
- Performance: 200 m range in a free point-to-point field
- Band frequency: from 2.4 to 2.4835 GHz

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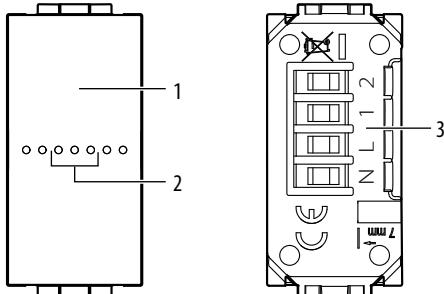
### CONNECTED TWO-WAY SWITCH ITEM L/N/NT4003C



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

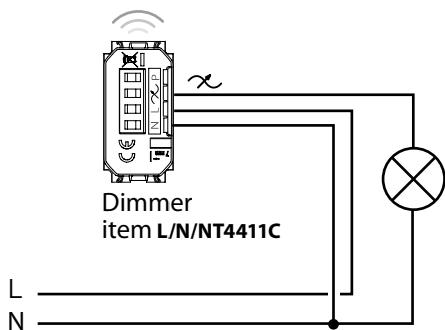
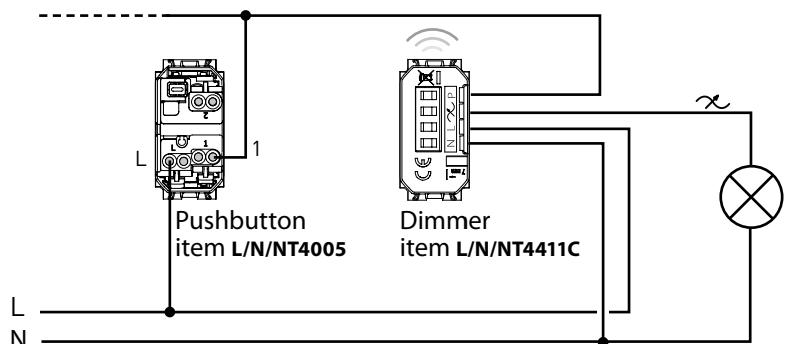


Diagram with remote control pushbuttons



## Technical features



110 – 240 V~, 50/60 Hz



Loads



LED lamp

240 VAC

150 W

150 W

100 VAC

75 W

75 W

Technology

Radio (Wireless meshed network)

Power level

&lt; 100 mW

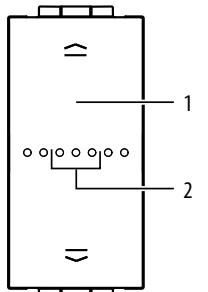
Band frequency

from 2,4 to 2,4835 GHz

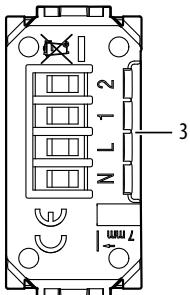
# TECHNICAL INFORMATION

## Devices for the Smart electrical system

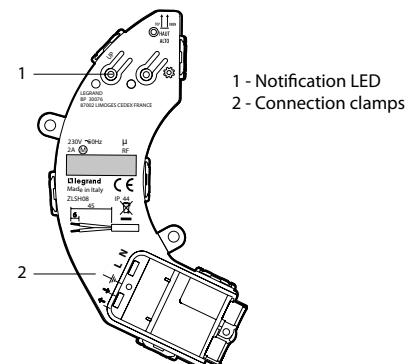
### SHUTTERS CONTROL ITEM L/N/NT4027C AND MICROMODULE ITEM 4027C



item L/N/NT4027C

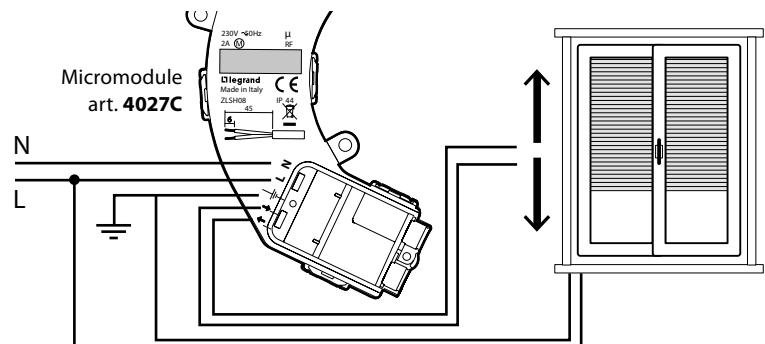
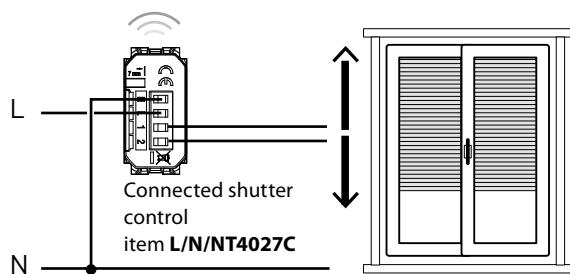


- 1 - Control pushbutton
- 2 - Notification LED
- 3 - Connection clamps



item 4027C

### Wiring diagram



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

### Technical features



110 – 240 V~, 50/60 Hz



Carichi

Motor for shutters

**240 VAC**

1 x 500 VA

**100 VAC**

1 x 270 VA

**Technology**

Radio (Wireless meshed network)

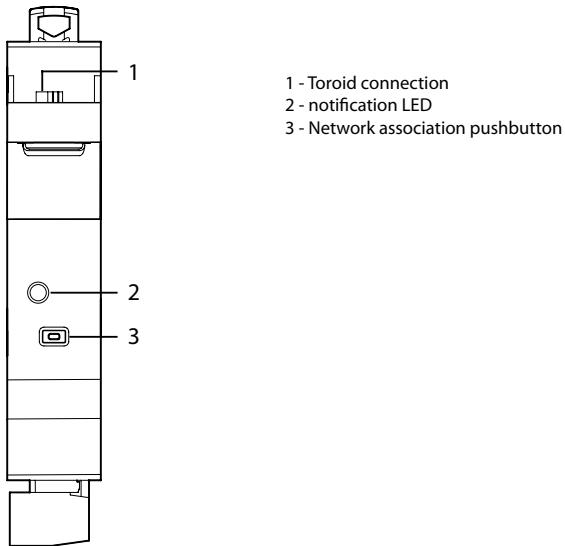
**Power level**

< 100 mW

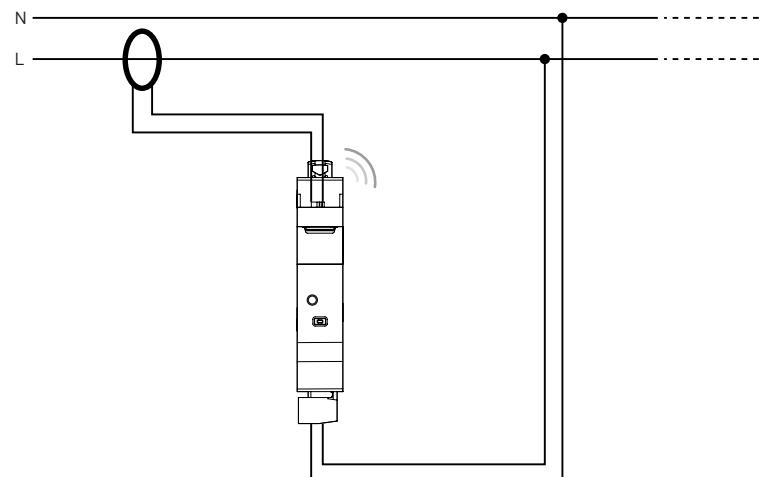
**Band frequency**

from 2,4 to 2,4835 GHz

## CONNECTED DIN METER ITEM F20T60A AND ITEM F80GCS



## Wiring diagram



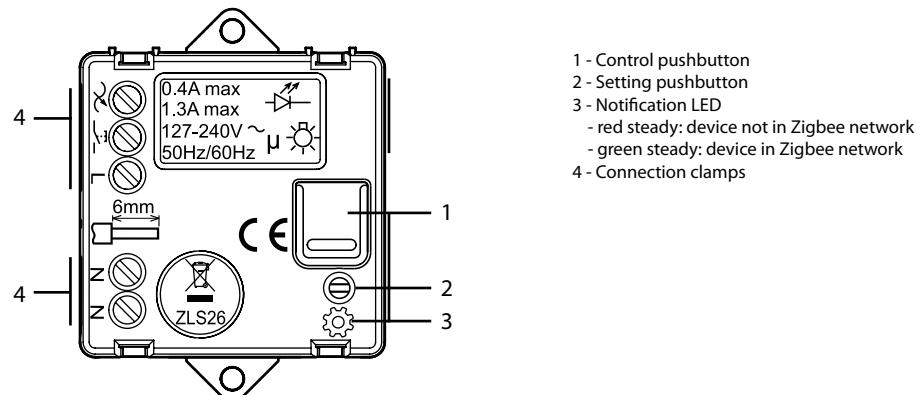
## Technical features

<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

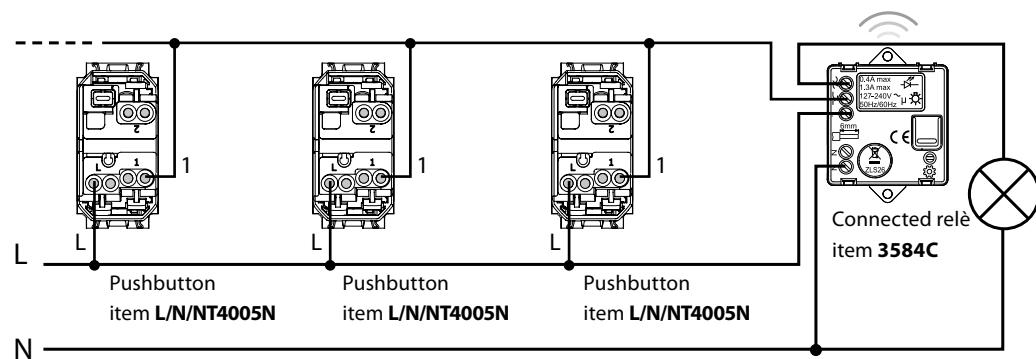
# TECHNICAL INFORMATION

## Devices for the Smart electrical system

### CONNECTED LIGHT RELAY ITEM 3584C



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



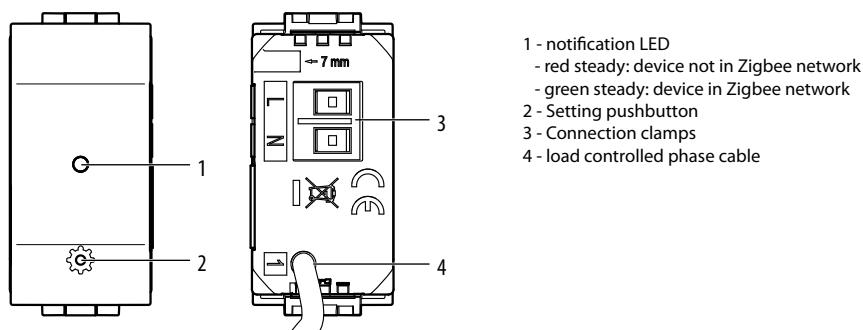
**Table of managed loads**

	R	LED	L	(**)
+45°C +5°C 2x2,5mm <sup>2</sup>				
Loads	Filament lamp or halogen lamp	LED lamp	Fluorescent compact	Electronic transformer
240 V ~ 50/60 Hz	Max.	300 W (*) 100 W	250 VA	250 VA 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



## Wiring diagram

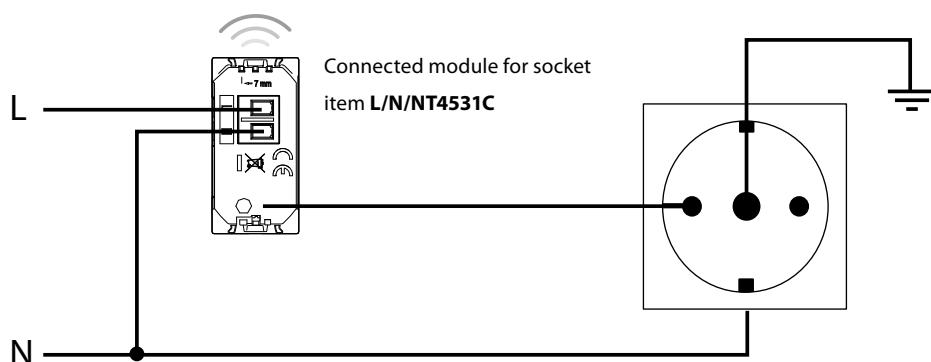


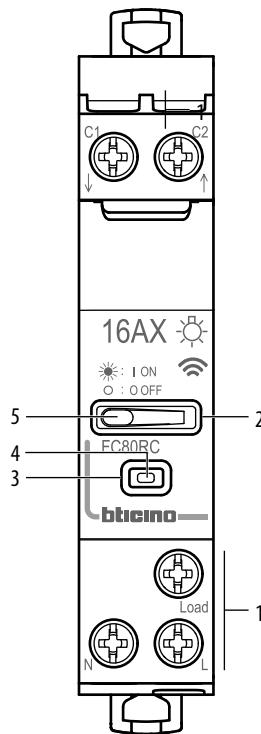
Table of managed loads

+45°C +5°C 2x2,5mm <sup>2</sup>								
Loads	Filament lamp	Halogen lamp	Electronic transformer	Ferromagnetic transformer	Fluorescent tube	Fluorescent compact	LED lamp	Ventilation motor
230 V a.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

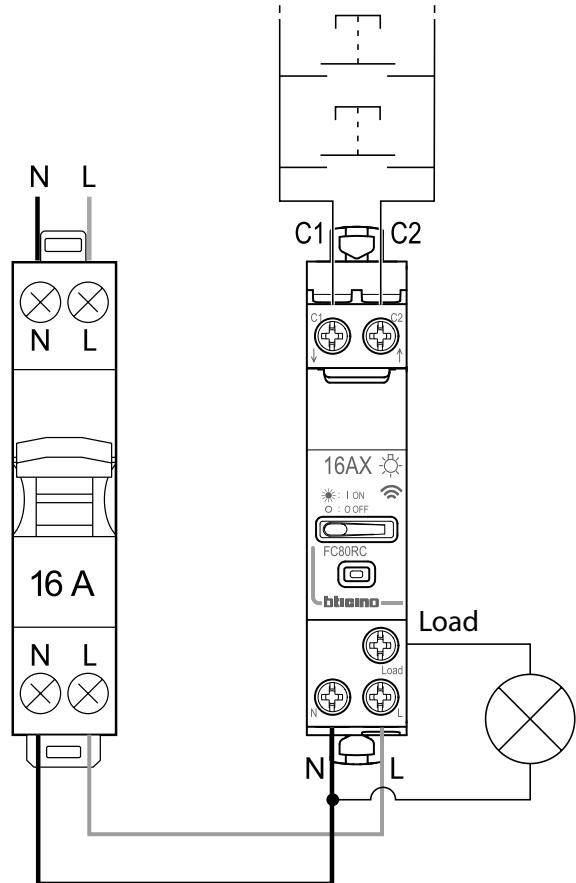


Table of managed loads

	+ 45 °C - 5 °C	N, L, LOAD		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				

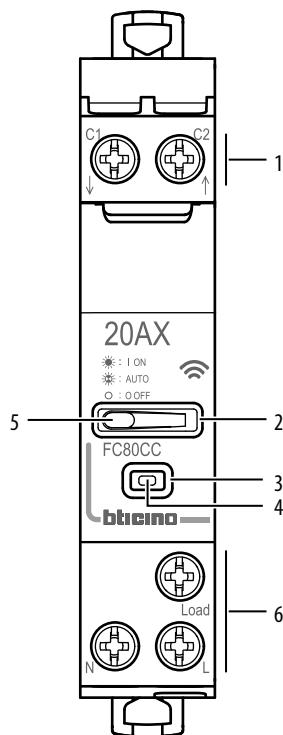
(\*) Or 10 maxi. lamps For good lighting comfort, we recommend the use of lamps of the same type and from the same supplier.

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

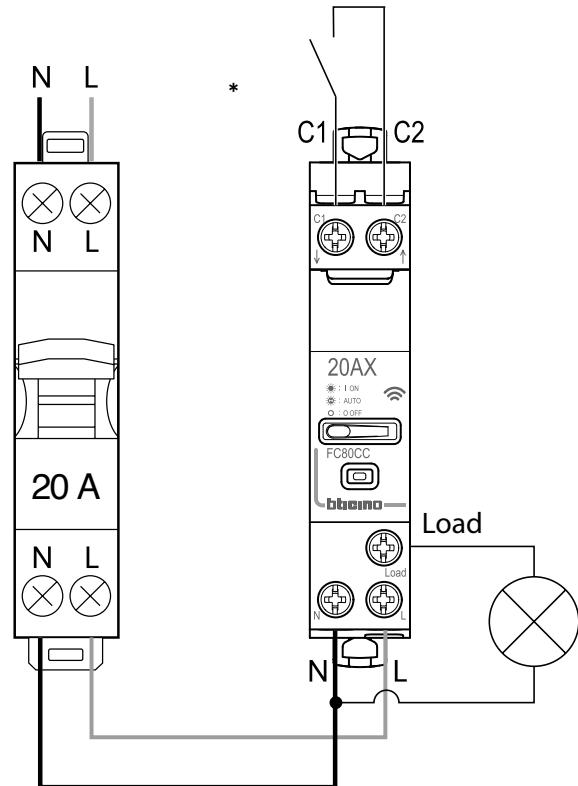
- During the calculation of the permitted power, take into account the performance of ferromagnetic transformers.

- 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**


1. Connection clamps for additional switch
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 and presence of additional switch  
OFF: open contact  
Green: closed contact  
Blue flashing: open contact and active automatic mode  
Green/blue flashing: closed contact and active automatic mode
6. Connection clamps

**Diagram with control pushbuttons without voltage**


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

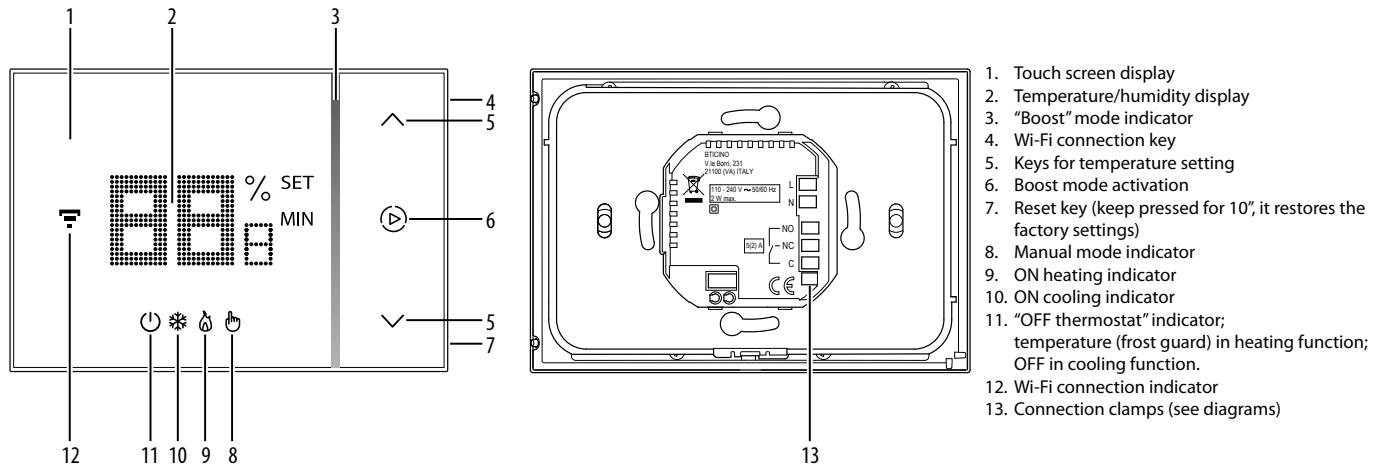
**Table of managed loads**

+ 45 °C - 5 °C		N, L, LOAD 2 x 2,5 mm <sup>2</sup> 1 x 6 mm <sup>2</sup>	C1, C2 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

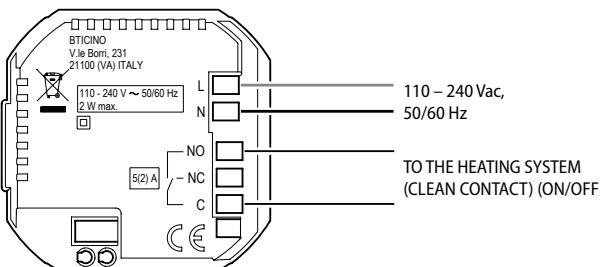
## Devices for the Smart electrical system

### SMAROTHER2 ITEM XW/XM/XG8002

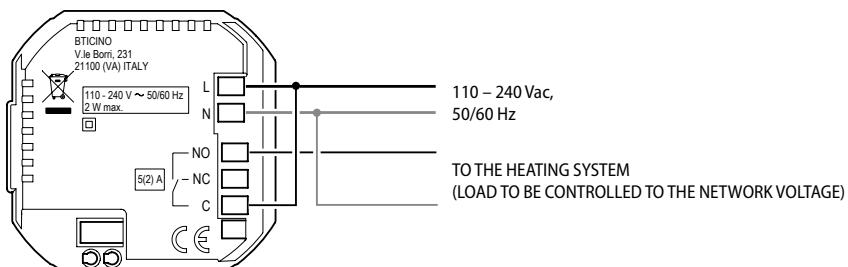


### Wiring diagrams

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)

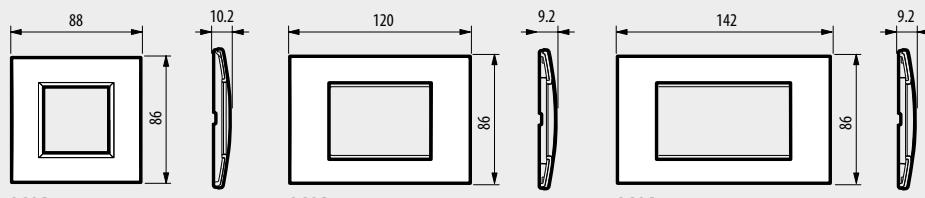


For other diagrams, consult the documentation supplied with the device.

# DIMENSIONAL DATA

## LIVINGLIGHT square cover plates

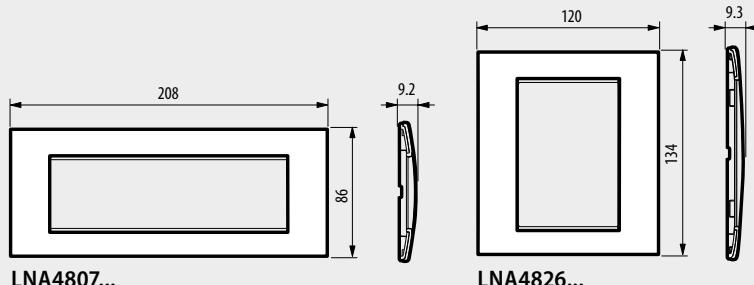
### SQUARE COVER PLATES



LNA4802...

LNA4803...

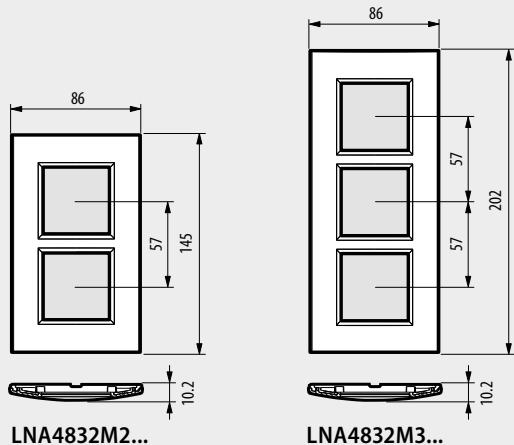
LNA4804...



LNA4807...

LNA4826...

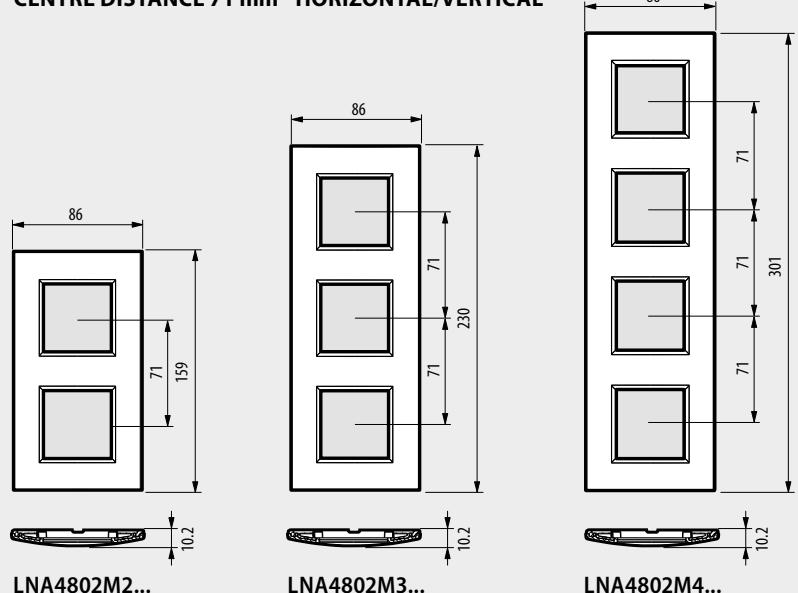
### CENTRE DISTANCE 57 mm - HORIZONTAL/VERTICAL



LNA4832M2...

LNA4832M3...

### CENTRE DISTANCE 71 mm - HORIZONTAL/VERTICAL



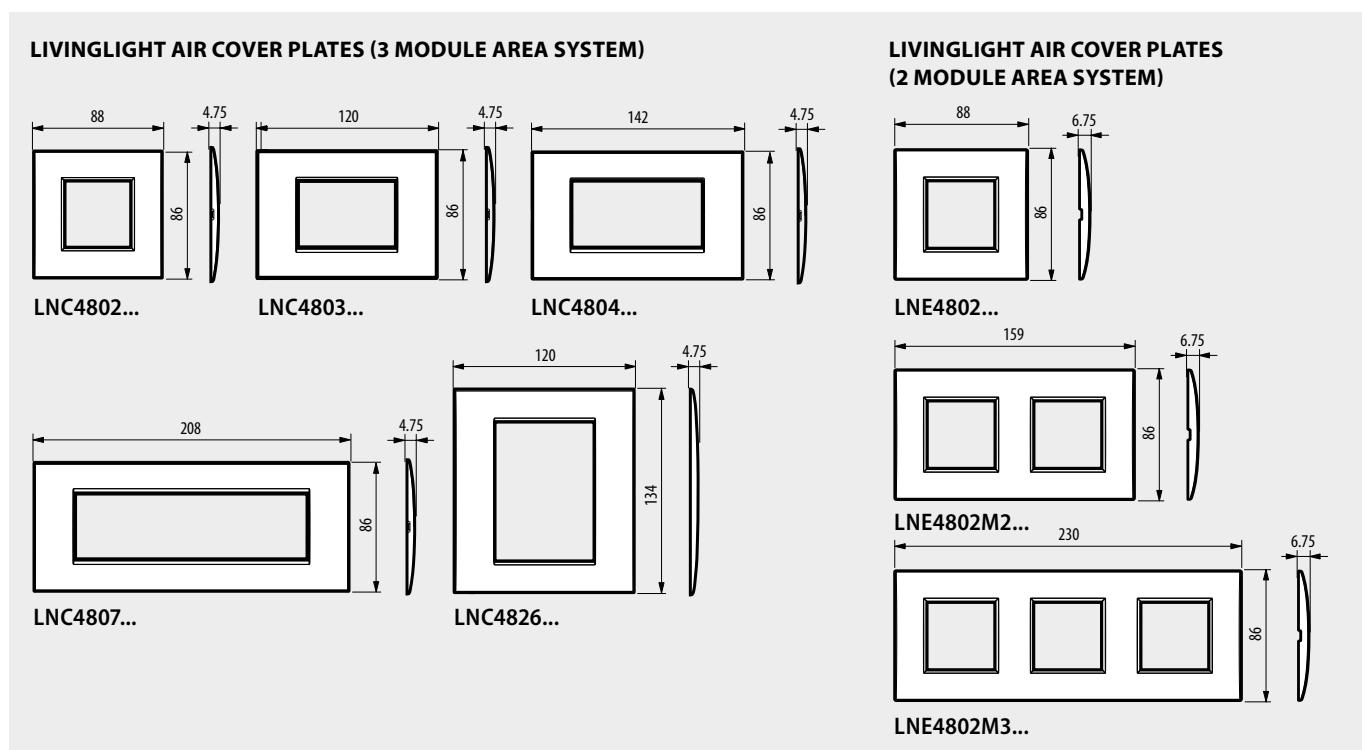
LNA4802M2...

LNA4802M3...

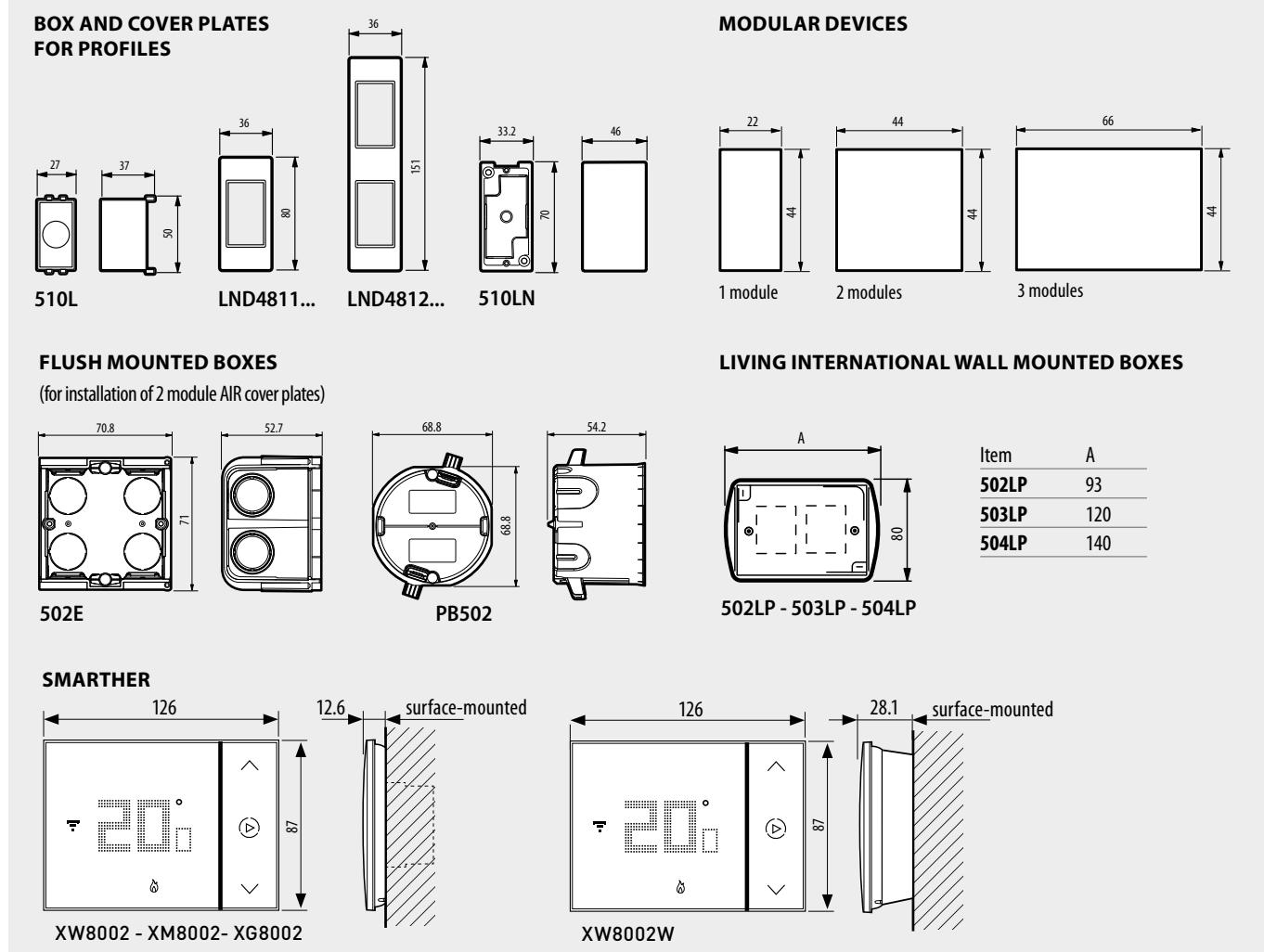
LNA4802M4...

# DIMENSIONAL DATA

## LIVINGLIGHT AIR cover plates



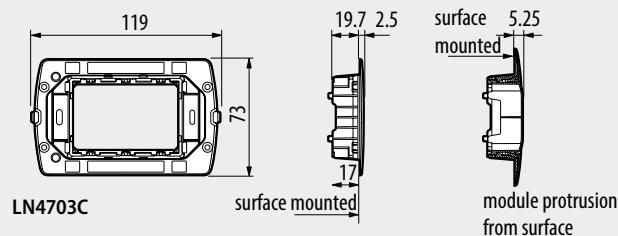
## Box and cover plates for rails



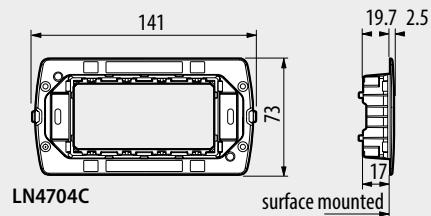
## DIMENSIONAL DATA

### Livinglight AIR supports

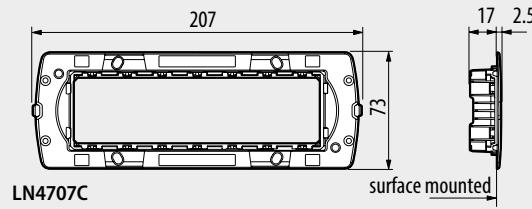
#### 3-MODULE SUPPORT



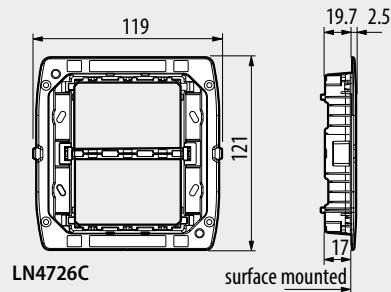
#### 4-MODULE SUPPORT



#### 7-MODULE SUPPORT

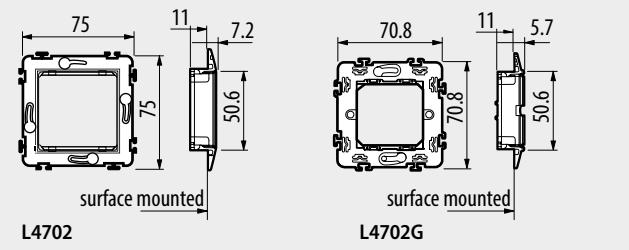
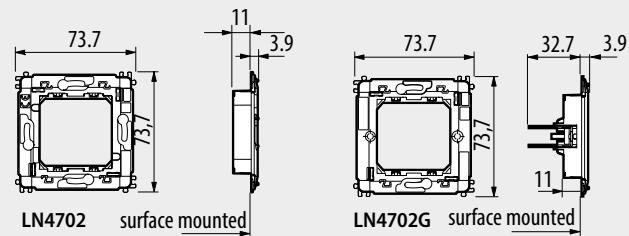


#### 3+3-MODULE SUPPORT

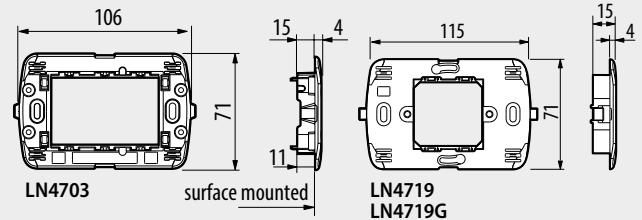


## Livinglight / Living International supports

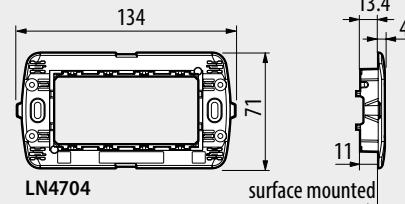
#### 2-MODULE SUPPORT



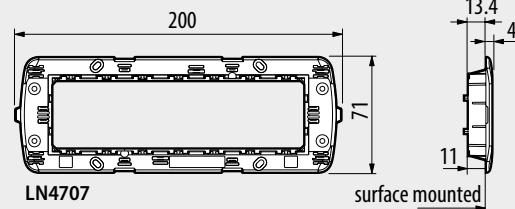
#### 3-MODULE SUPPORT



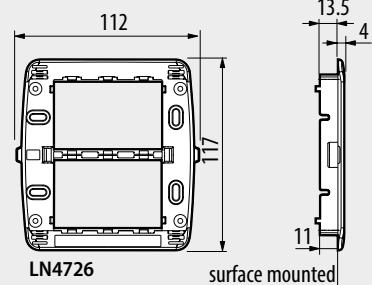
#### 4-MODULE SUPPORT



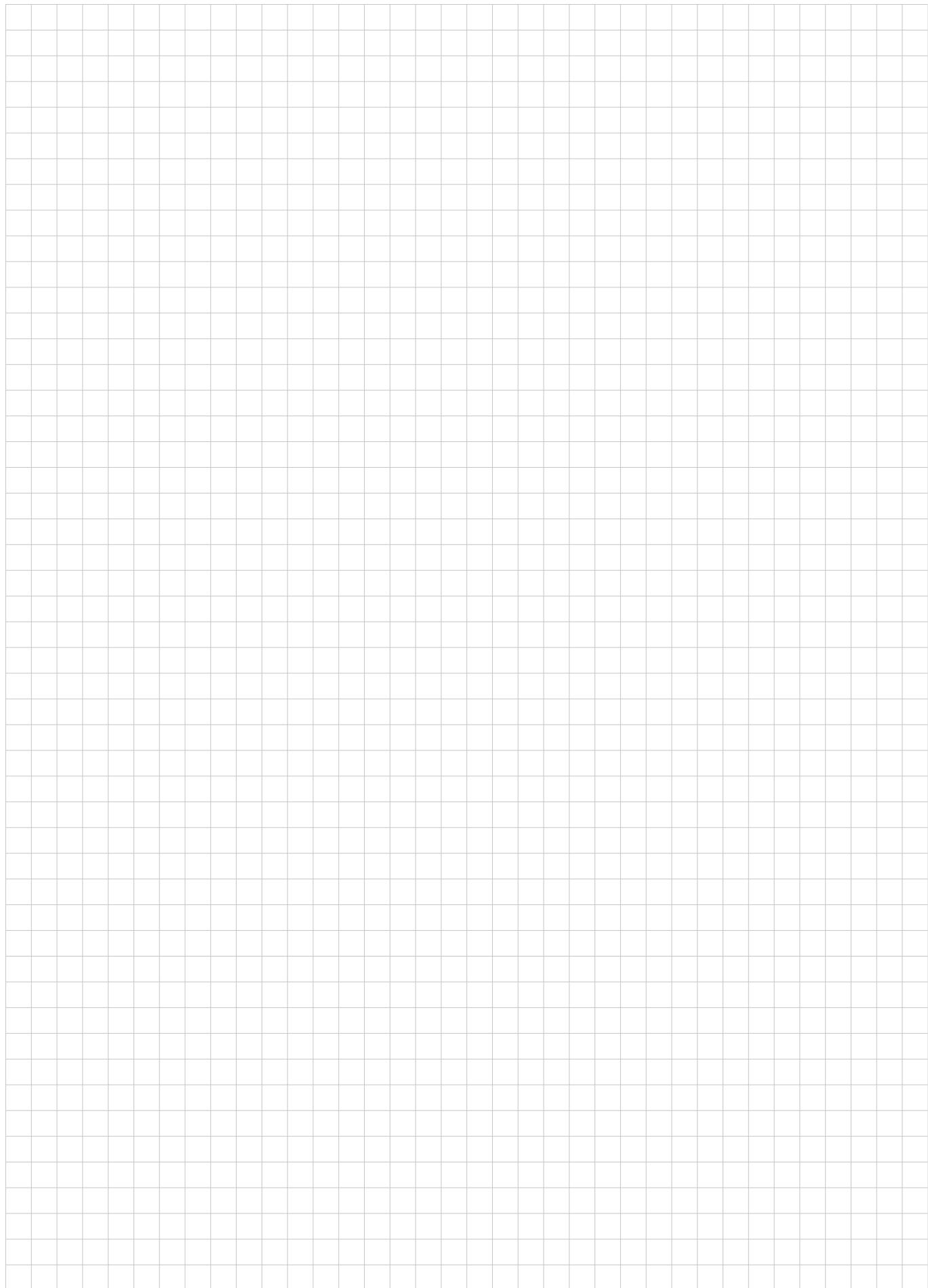
#### 7-MODULE SUPPORT



#### 3+3-MODULE SUPPORT



## NOTE





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