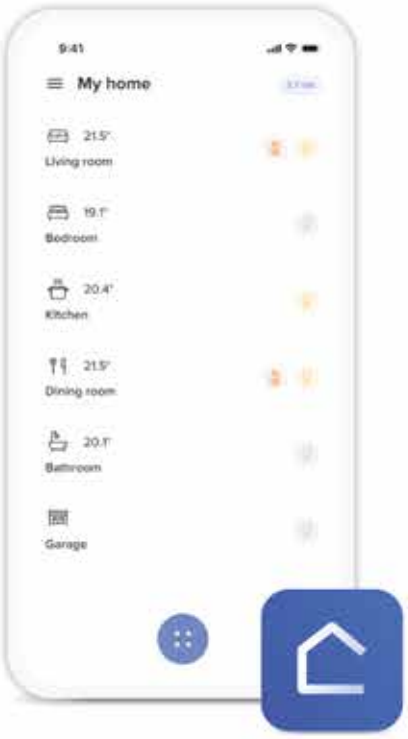
A Group brand | legrand

Livinglight

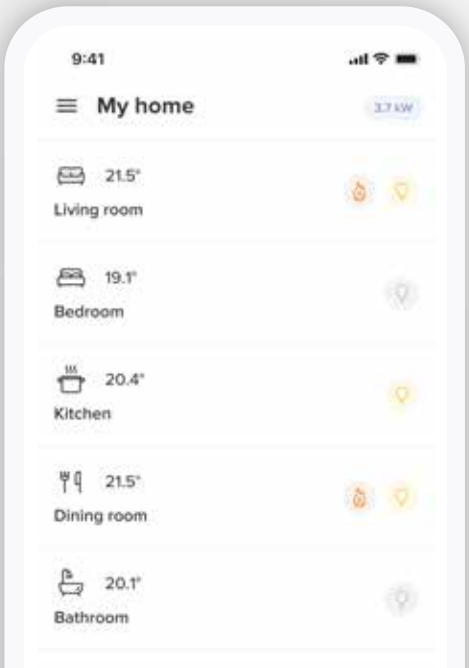


App Home + Control

bticino

Now the system is also Smart

Livinglight WITH Netatmo



App Home + Control

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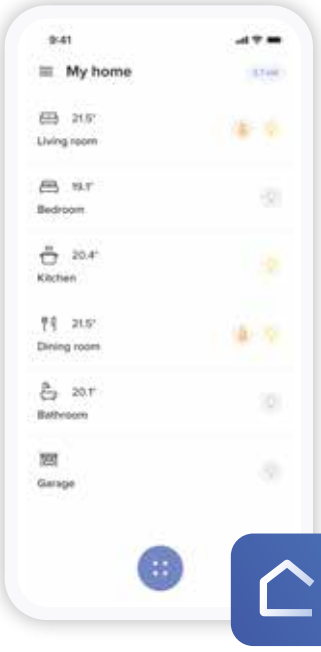
LivingLight with Netatmo forms part of Eliot, the BTicino program for connected objects.

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

Works with Apple HomeKit

works with Hey Google

works with alexa

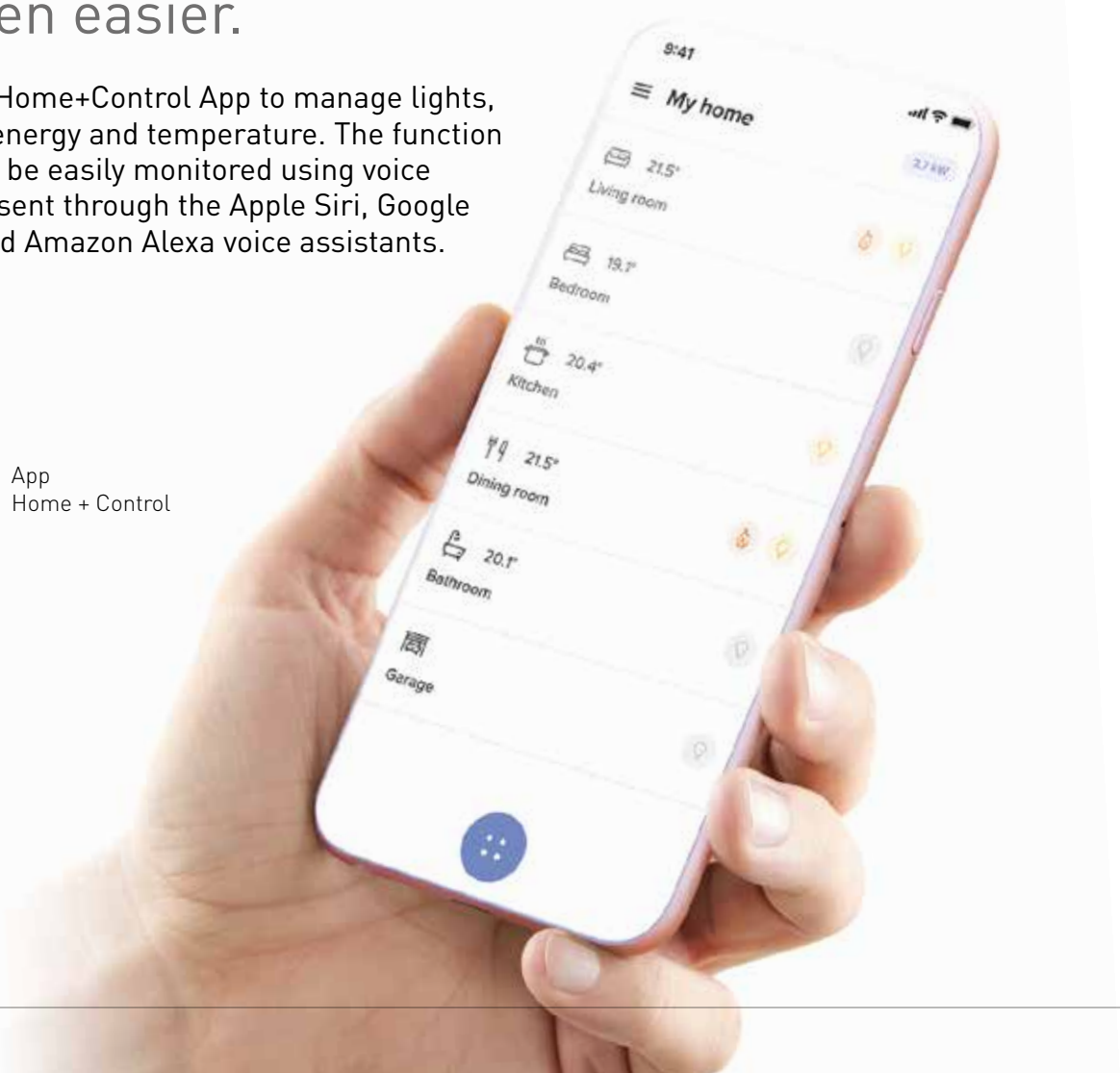
Livinglight
WITH
Netatmo

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.

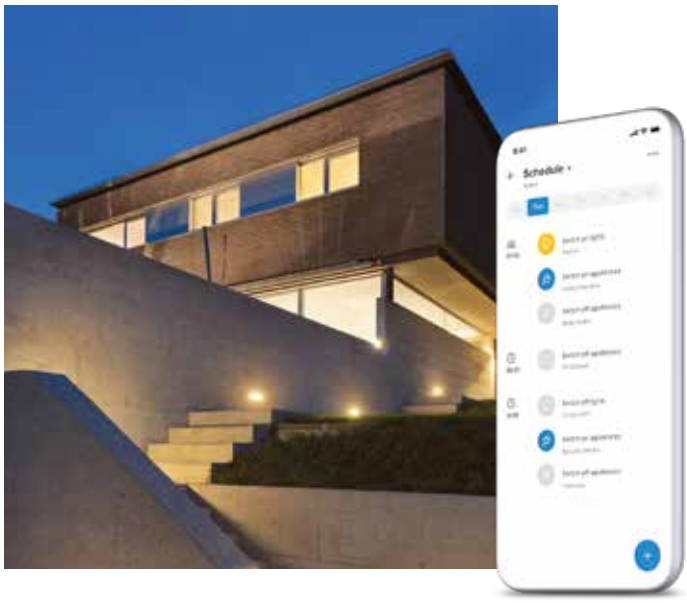
VOICE COMMAND

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

Works with Apple HomeKit

works with Hey Google

works with alexa



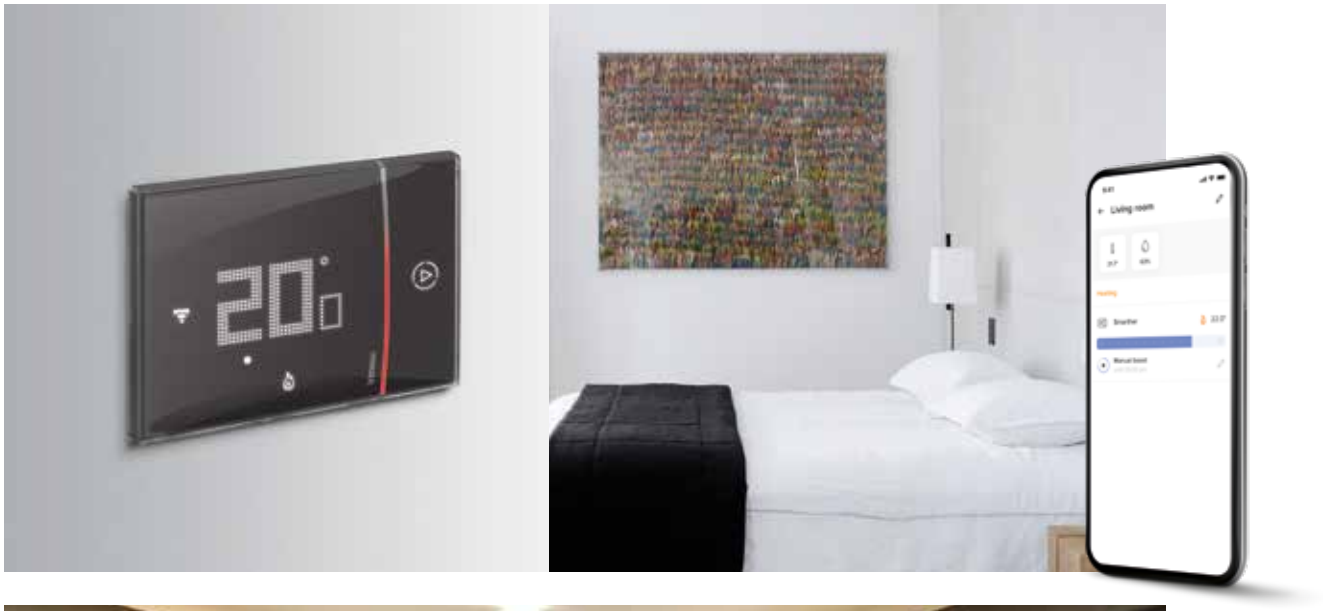
PLANNED PROGRAMMING

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.

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

Home + Control

one single App, many connected advantages

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

The Homepage shows all the system information.

Scarica su App Store

DISPONIBILE SU Google Play

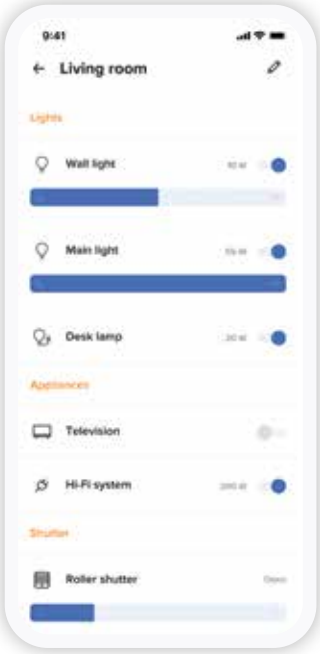
WHAT YOUR CUSTOMER CAN DO:

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 Smarther timer thermostat** simply and intuitively;
4. **Check the** total home **consumptions.**
5. **Receive notifications** on the load and system status;
6. **Define the load priority** for black-out prevention*.

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

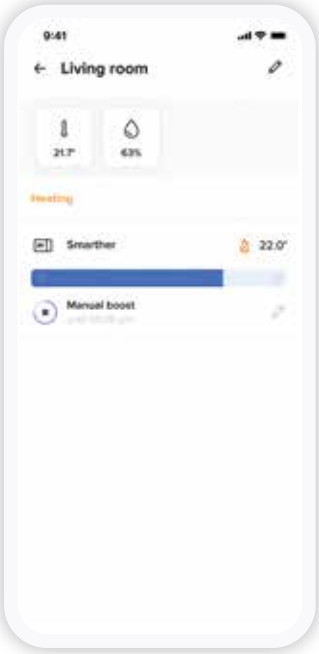
HOME + CONTROL
CONFIGURATION IS EASY, BOTH FOR YOU AND YOUR CUSTOMER.

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

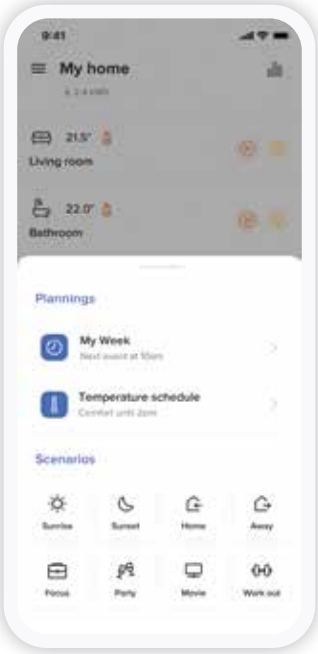


Lights, shutters
and generic loads activations

Consumption
display



Management of the
temperature



Scenario
management

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.

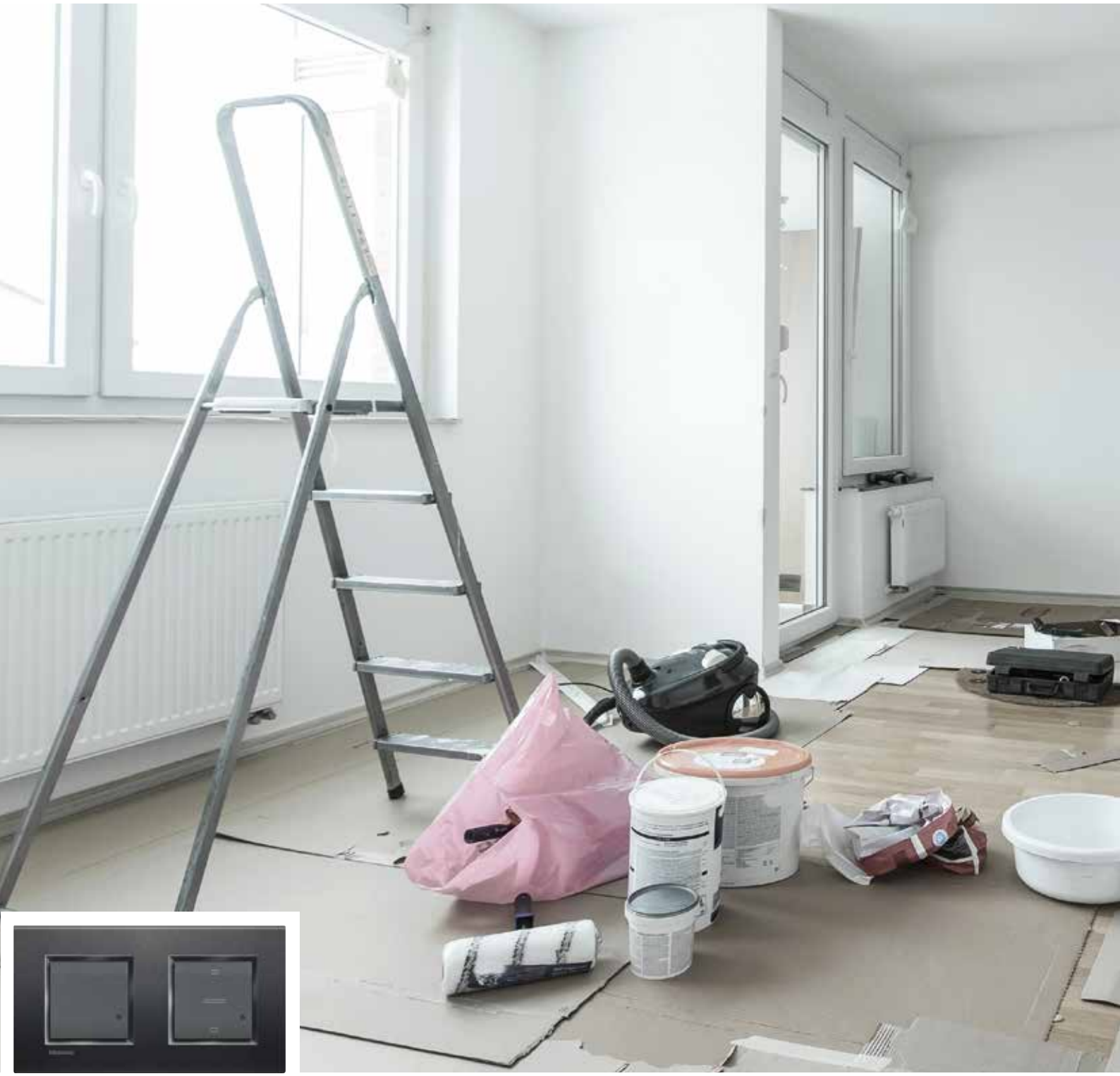
Note: Home Pod, Google Home and Amazon Echo are available from Apple store, Google Store, Amazon, or from authorised retailers.

Works with Apple HomeKit

works with Hey Google

works with alexa

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



ADDITIONAL FUNCTIONS

REMOTE CONTROL

CREATION OF SCENARIOS

VOICE CONTROL

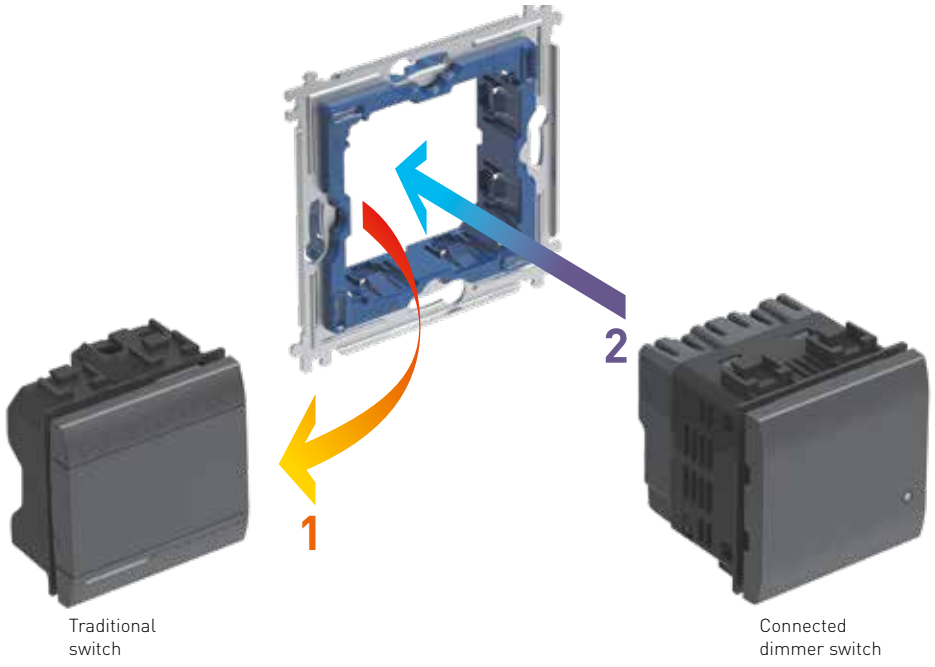
CONSUMPTION CONTROL

PLANNING PROGRAMMED

The ideal solution for refurbishment

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

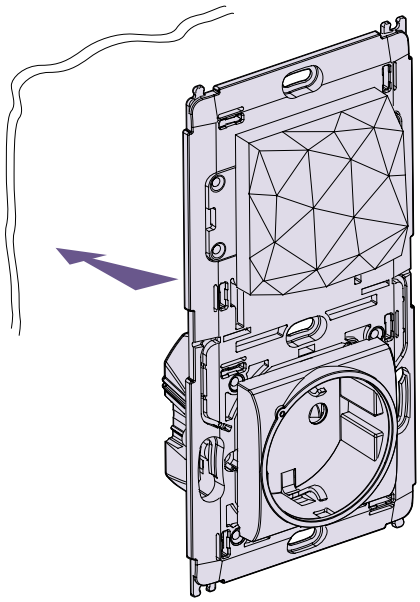
Suggest them to upgrade to a Smart system by replacing some traditional devices with some similar connected ones. It's the ideal solution also for those who want to install a new Smart electric system without renouncing to the Livinglight design.



EXAMPLE OF REPLACEMENT OF A TRADITIONAL DIMMER WITH A CONNECTED ONE

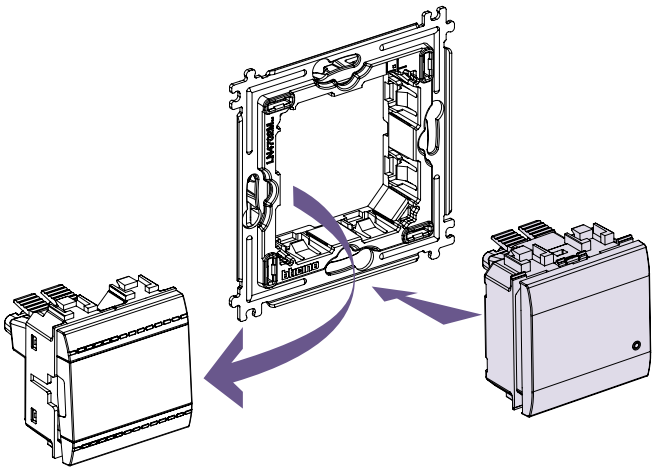
Turn a traditional system into a Smart system with just a few simple steps.

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

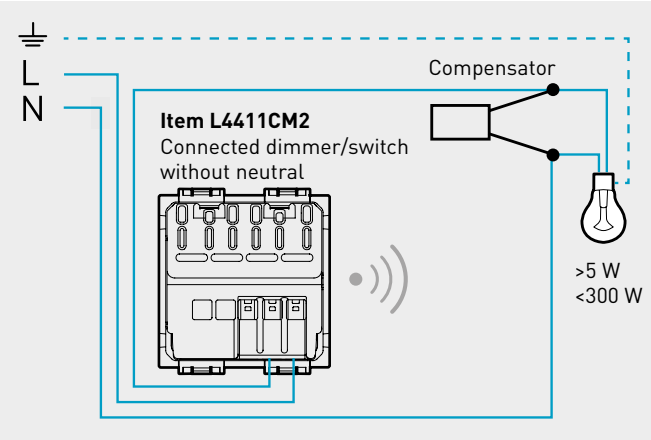


Flush mounted gateway with socket.
Ensure appropriate home Wi-Fi signal.

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

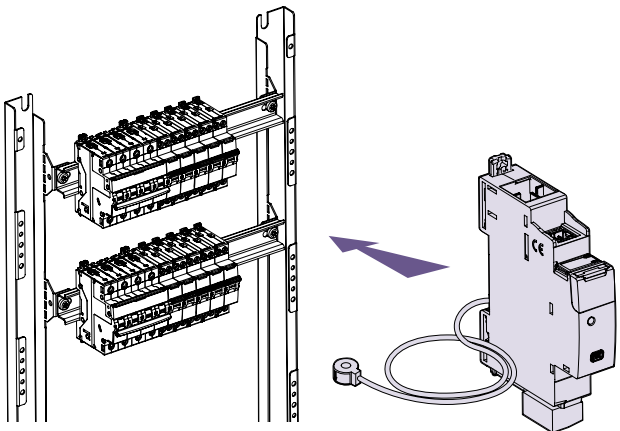


In place of a traditional device, install the connected device of the corresponding type for the managing of lights, shutters and sockets: one for each control line.



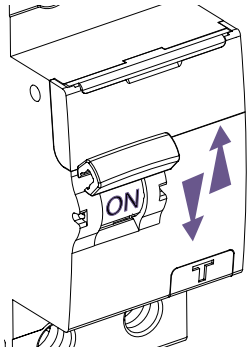
Example of connected dimmer/switch wiring

3. Add the energy meter module if desired

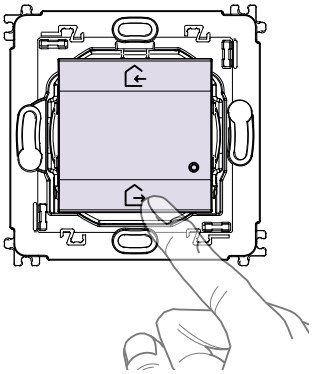


Item **F20T60**
Connected DIN meter

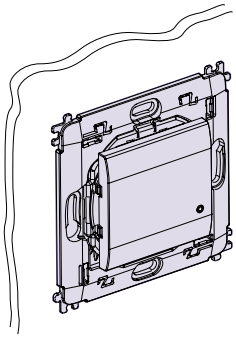
4. Devices can be associated to each other by simply pressing a pushbutton



Switch the system off and on.



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



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

You can now expand the system with radio controls.

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

App Home + Control

Scarica su App Store

DISPONIBILE SU Google Play

Smart electrical system

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

REMOTE CONNECTION

CONNECTED DEVICES (230V A.C.)

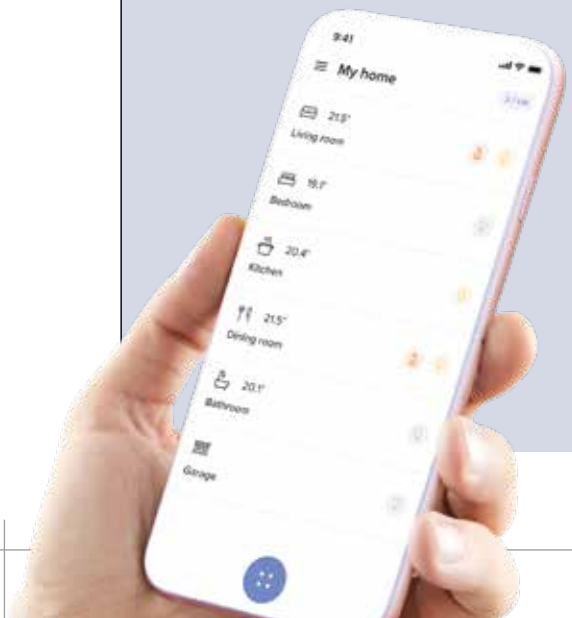
Item L/N/NT4501C
Gateway with german standard socket and Home/Away wireless switch

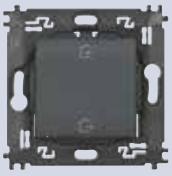
Item L/N/NT4502C
Gateway with french/belgian standard socket and Home/Away wireless switch

Item FC80GT
Gateway DIN

SCENARIOS

BATTERY WIRELESS CONTROLS





Item L/N/NT4570CW
Home/Away wireless switch

Item L/N/NT4575CW
4 scenarios control

Item L/N/NT4574CW
Night&Day scenario control

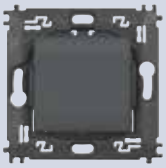
Item 3528C
Pocket remote control 4 scenarios

LIGHTS

Item L/N/NT4411CM2
Connected switch/dimmer

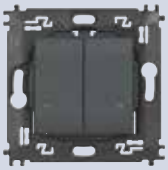
Item FC80RC
Connected DIN relay 16 A

Item 3584C
Connected light relay 1,3 A



Item L/N/NT4003CW
Light control

Item 3585C
Motion sensor



Item L/N/NT4003DCW
Double light control

Item 3577C
Wireless module for mechanical switch

SHUTTERS

Item L/N/NT4027CM2
Connected shutter switch

Item 4027C
Connected micromodule for shutter

Item L/N/NT4027CW
Shutter control

ENERGY AND CONSUMPTION MANAGEMENT

Item L/N/NT4141AC
Connected german standard socket

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

Item F20T60A Connected DIN meter
Item FC80GCS Connected DIN load management

Item FC80CC
Connected DIN contactor 20 A

Item 4141PC
Mobile german standard power outlet

Item 4142PC
Mobile french/belgian standard power outlet

Connected thermostat
Item XW8002
Item XW8002W
Item XM8002
Item XG8002

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

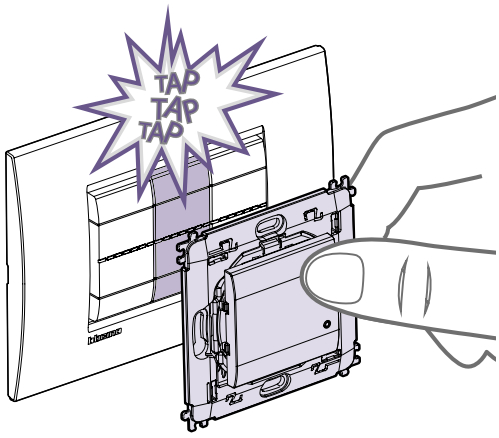
Wireless Controls: 2 solutions to control the system in full freedom.

WALL MOUNTED INSTALLATION

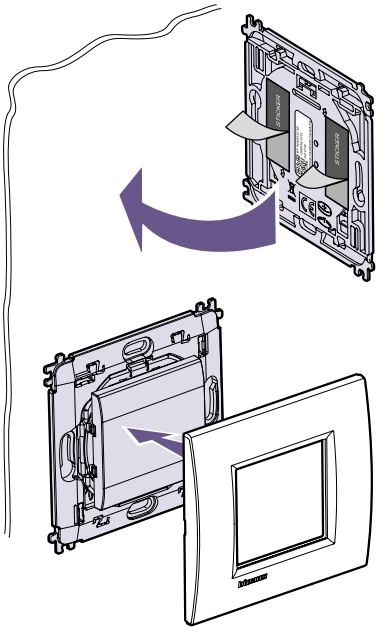
Place the control wherever you want

Add a control in an unexpected place

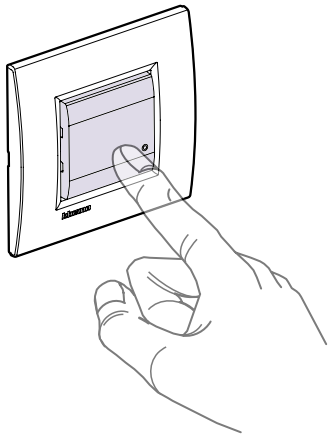
IT CAN BE INSTALLED IN A FEW SECONDS



1. associate the control with a simple action



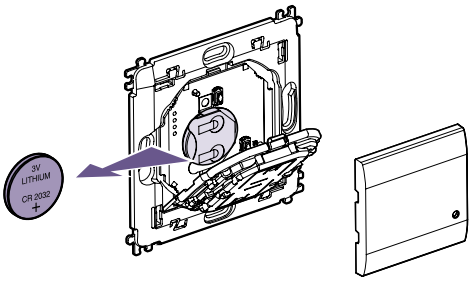
2. install the control using the supplied double-sided tape



3. the control is ready to be used

POWER SUPPLY WITH LONG-LIFE BATTERIES

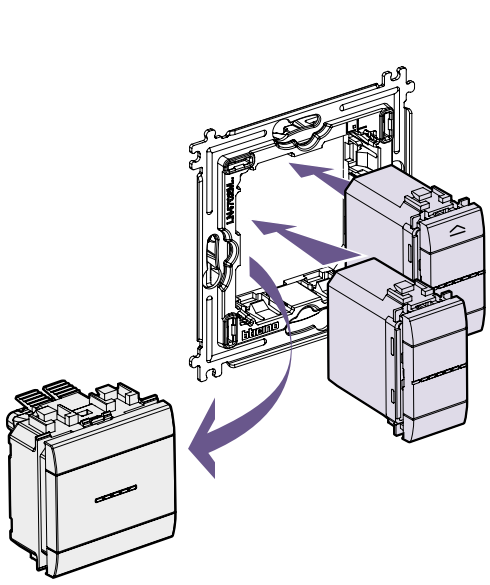
The control is powered by a CR2032 battery, capable of guaranteeing operation for 8 years.



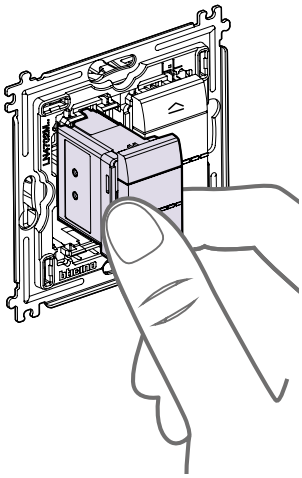
FLUSH MOUNTED INSTALLATION

Add two wireless functionalities in 2 modules, without wiring.

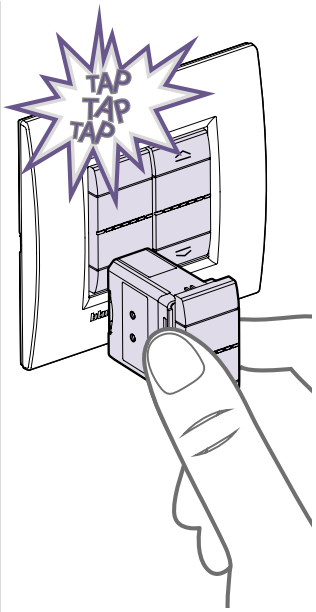
IT CAN BE INSTALLED IN A FEW SECONDS



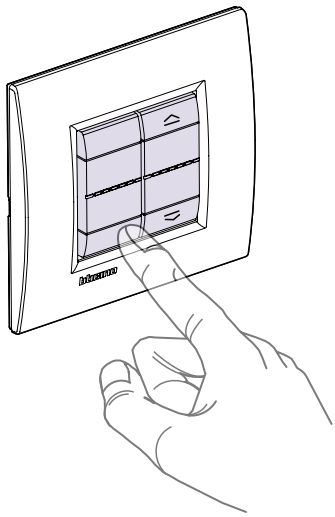
1. install the controls



2. remove the control from its enclosure



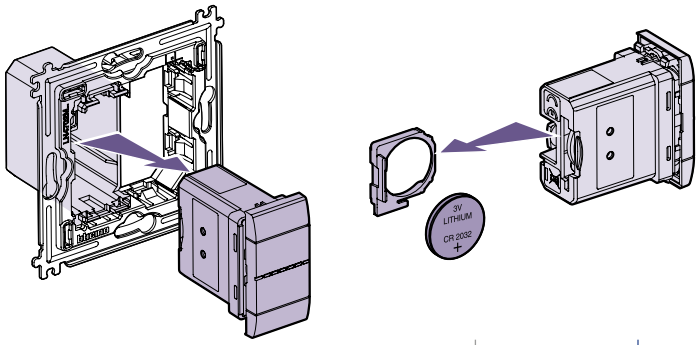
3. associate the control with a simple action



4. the control is ready to be used

POWER SUPPLY WITH LONG-LIFE BATTERIES

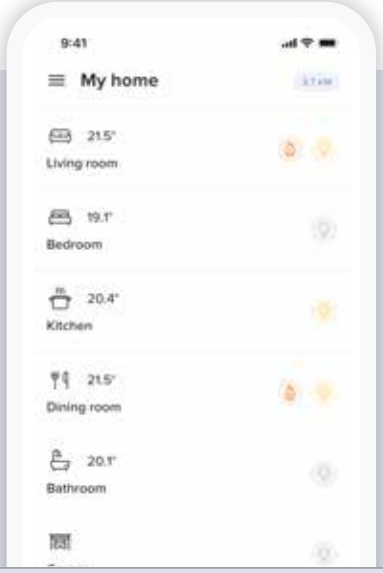
The control is powered by a CR2032 battery, capable of guaranteeing operation for 8 years.
The replacement does not require any tools.



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)

Works with Apple HomeKit · works with Hey Google · works with alexa

What can you do with the BTicino connected thermostat?

SETTING THE PROGRAMS

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

AWAY

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

BOOST

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

MONITORING OF CONSUMPTIONS

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

MAXIMUM COMFORT IN EVERY ZONE

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

The connected thermostat is simple and intuitive

Display the temperature and set it as desired

Display the set room temperature and humidity

Activate the Boost function

LOCAL DEVICE CONTROL

VOICE CONTROL

GEOLOCATION

Air

Square

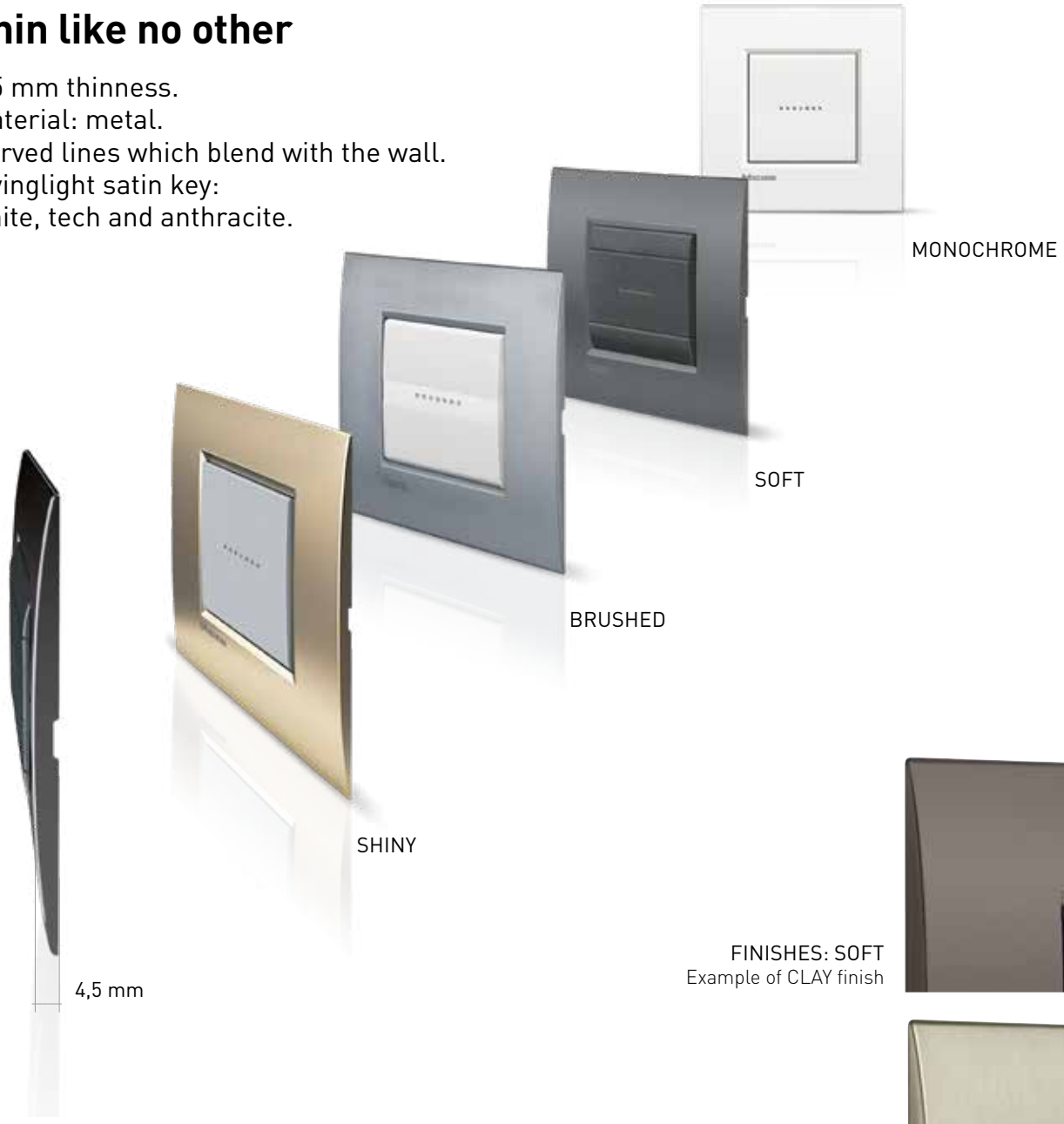
A Single Range.
Three finishes of the key covers.
Two designs of cover plate.
Countless combinations.

Livinglight

COVER PLATES Air*

Thin like no other

4.5 mm thinness.
Material: metal.
Curved lines which blend with the wall.
Livinglight satin key:
white, tech and anthracite.



FINISHES: SOFT
Example of CLAY finish

FINISHES: BRUSHED
Example of BRUSHED TITANIUM finish

* Not compatible with wall mounted wireless controls

KRISTALL

Square

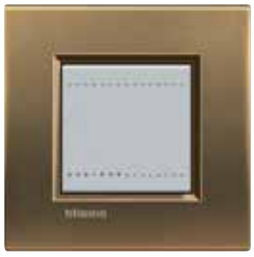
COVER PLATES

The classic renews itself for a timeless design

9.5 mm thinness
Material: metal, wood, techno polymer
Livinglight satin key: white, tech and anthracite

NEUTRAL

NATURALIA

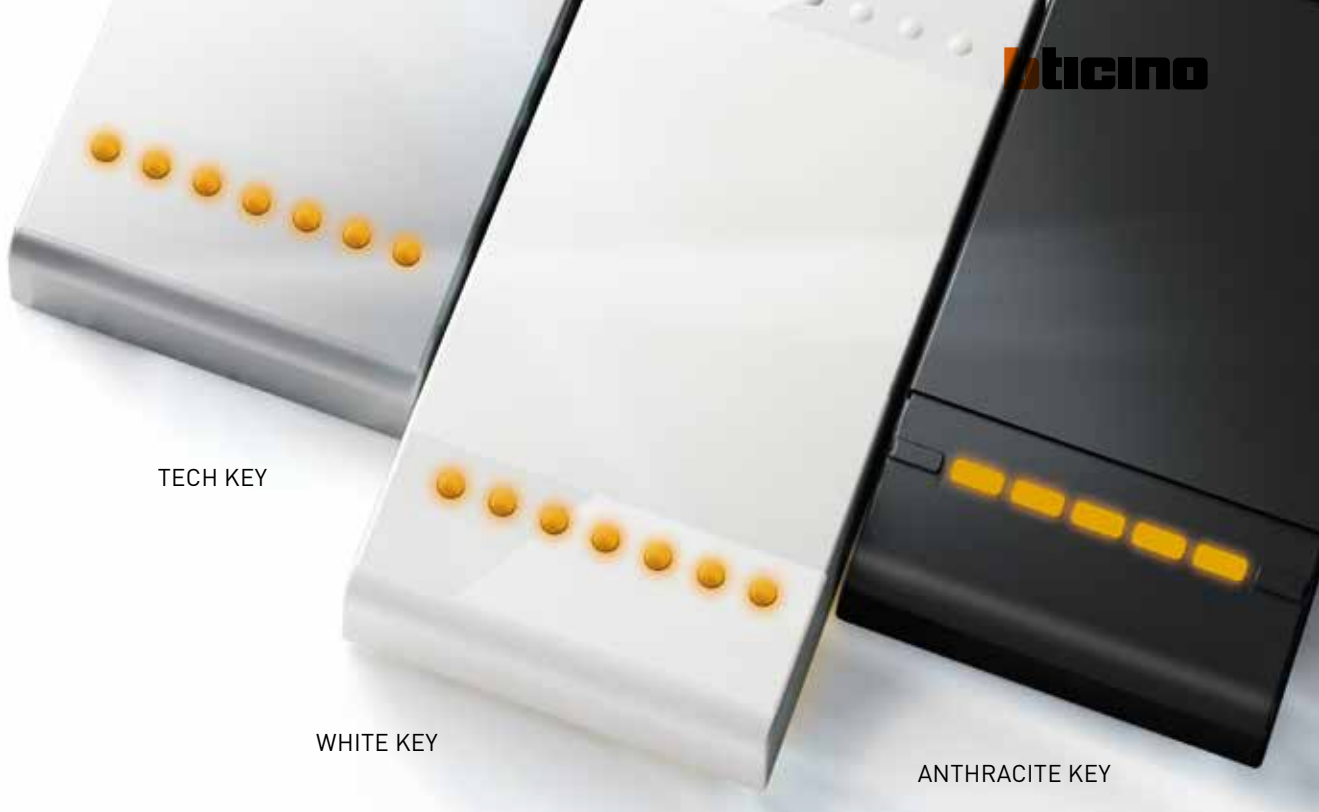


METALS

WOODS

DEEP

SILK



The design of the controls

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

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

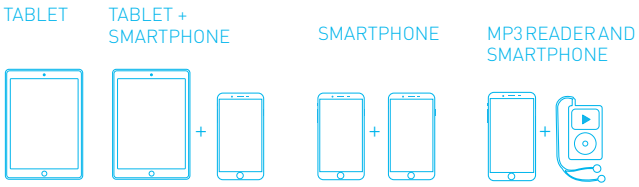
ROCKER CONTROLS

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

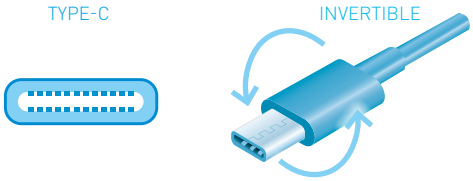
New Type-C and induction USB chargers

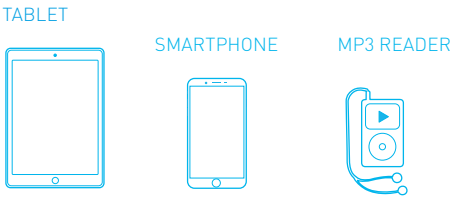
Faster charging and maximum flexibility for all uses.

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

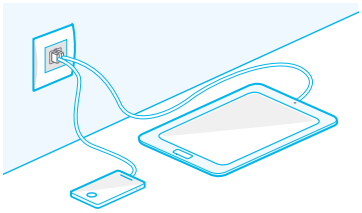


LOOKING AT THE FUTURE
Also available with the new C Type connection standard, which is becoming more and more in use with the new tablets and smartphones.

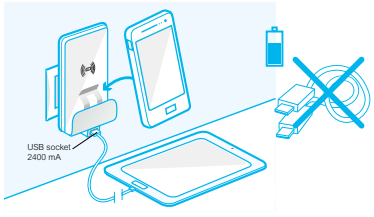




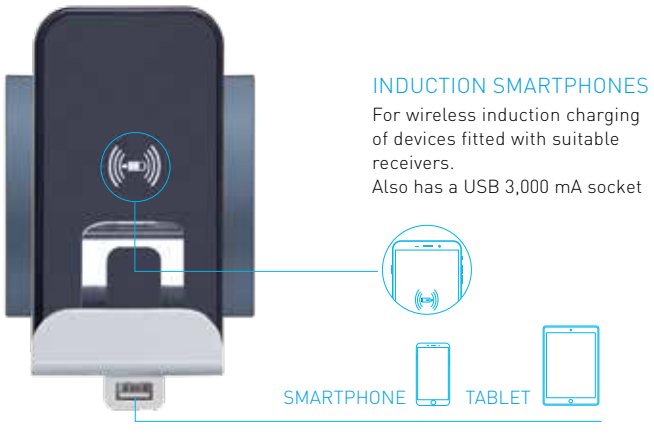
FLEXIBILITY OF USE
From the private home to the office, from the hotel to common areas BTicino USB chargers satisfy modern charging needs for every device.



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



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



The light needed at the right time

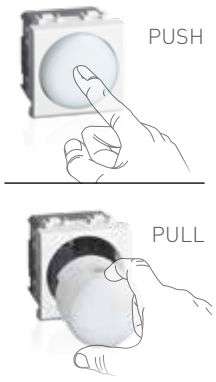
The LED lighting devices contribute to the comfort and security of the home, helping to create comfortable surroundings.

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.

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

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

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

Scarica su App Store DISPONIBILE SU Google Play

MyHOME_Up

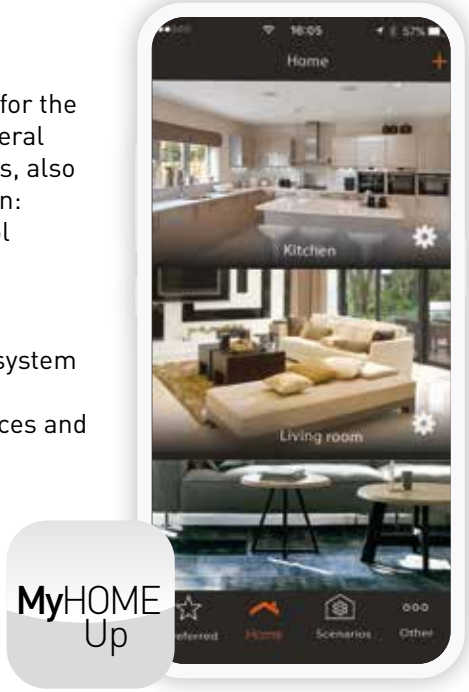
MyHOME_Up app: home automation for all

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

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

SIMPLE TO INSTALL
The App simplifies all the activities for putting the MyHOME_Up system in operation thanks to the self-learning and device association procedure.

ALL THE FUNCTIONS THAT YOU NEED
MyHOME_Up is conceived for the native management of several home automation functions, also without Internet connection:
- Zone temperature control
- Energy Management
- Light and automation management
- NUVO multiroom sound system
- Scenarios
- Integration between devices and other brand systems.



An open system

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

Voice controls

Control the MyHOME_Up functions with your voice, with the Google and Amazon assistants.

«Alexa, close the kitchen shutter»

alexa | built-in

«OK Google, dinner scenario»

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

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

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

works with | alexa

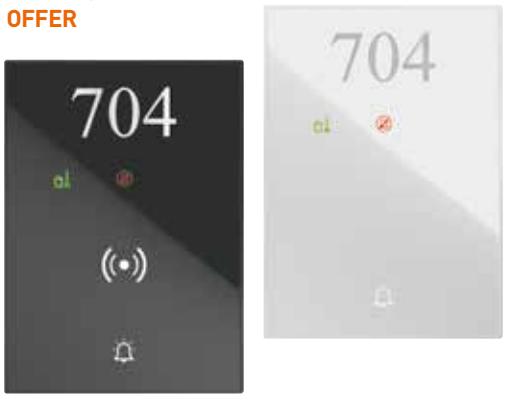
works with Hey Google

MANAGEMENT OF THE ROOMS AND THE COMMON AREAS
Using the management software it is possible to supervise and control in real time the status of the rooms, and interact with them.

Solutions for Hotel

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

PREMIUM OFFER



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

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

"DO NOT DISTURB - MAKE UP ROOM" notification pushbutton

BADGE HOLDER
for room power connection (power on)

THE CORRECT ATMOSPHERE, WITH JUST ONE MOVEMENT

DIMMER READING LAMP

DIGITAL THERMOSTAT
MYHOME_UP

MYHOME_UP 8-KEY
CONTROL (CUSTOMISABLE)

CONNECTION, ENTERTAINMENT AND MULTIMEDIA FEATURES

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

THE FUNCTION IS IMMEDIATELY RECOGNISABLE

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

DIGITAL CONTROL OF THE TEMPERATURE

PREMIUM OFFER

DIGITAL TEMPERATURE PROBE
with display and touch controls

Technology and flexibility in the office

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

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

SINGLE-FACE COLUMN

MEETING ALL CONNECTION REQUIREMENTS

Full aesthetic coordination of LIVINGLIGHT with the different systems.
- BTNET, structured cabling system,
- Audio/video signals and data distribution.

AUDIO AND VIDEO CONNECTORS

NEW RJ45 TOOLLESS CONNECTORS

POP-UP UNDERFLOOR BOXES

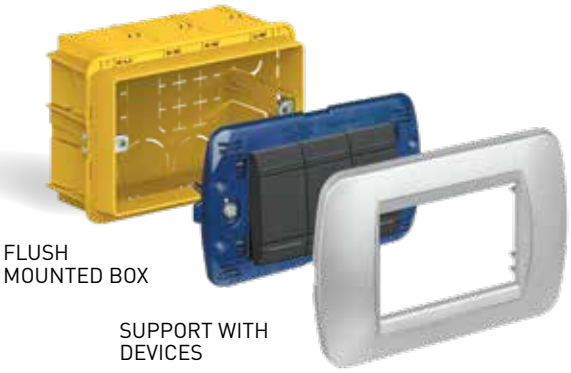
UNDERFLOOR BOX

PROTRUDING TOWER

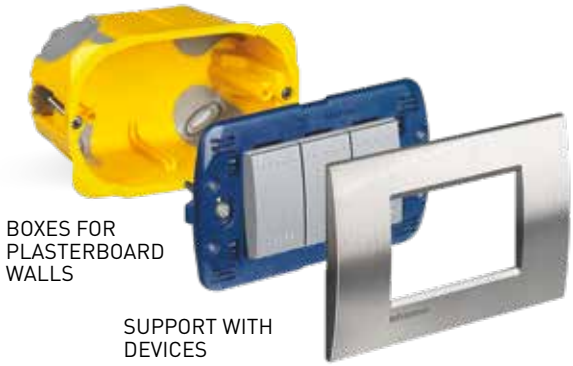
WORKSTATION

Livinglight installation solutions

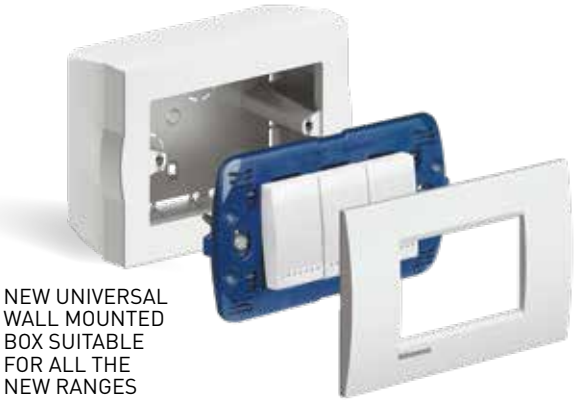
FLUSH-MOUNTED IN MASONRY WALLS



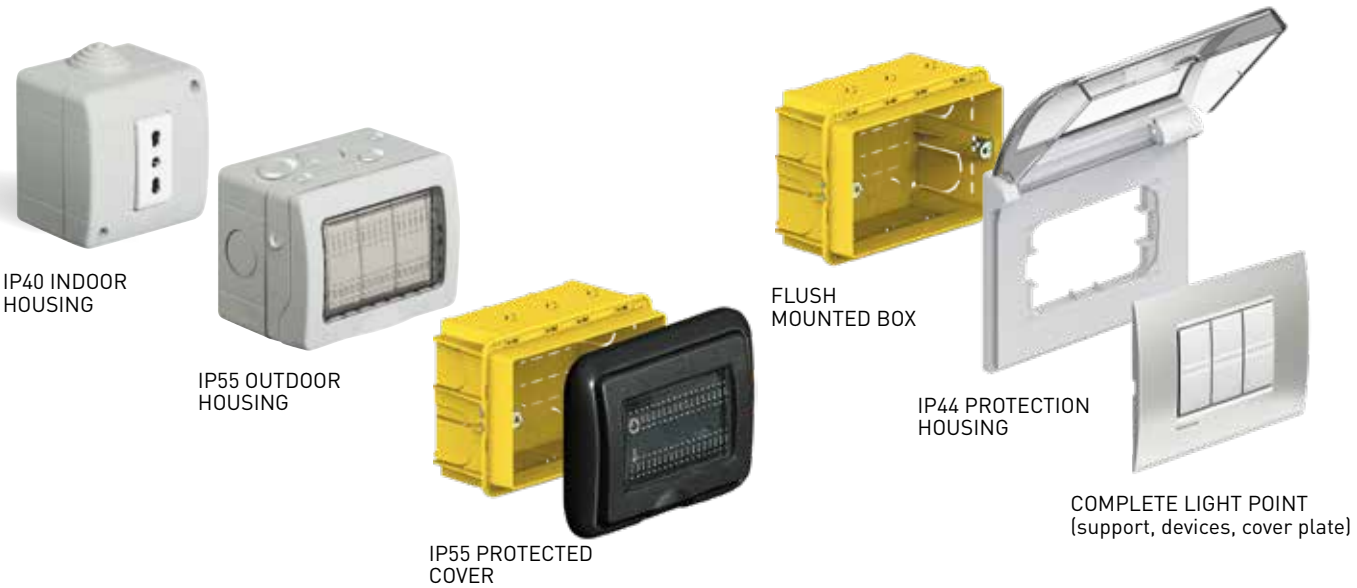
FLUSH-MOUNTED IN PLASTERBOARD WALLS



WALL MOUNTED



IN IP40 - IP44 - IP55 PROTECTION HOUSINGS



Note: for the installation details and the item codes see the catalogue pages in the dedicated sections

ON RAILS

BOX

SUPPORT
WITH DEVICES

FRONT
COVER PLATE

BOX

SUPPORT
WITH DEVICES

FRONT
COVER PLATE

OTHER INSTALLATION SOLUTIONS

WORKSTATION TRUNKING

PROTRUDING
DOUBLE-FACE
FLOOR TOWER

EQUIPPED
INTERLINK
TRUNKING

INTERLINK
WALL MOUNTED
CONTROL UNIT

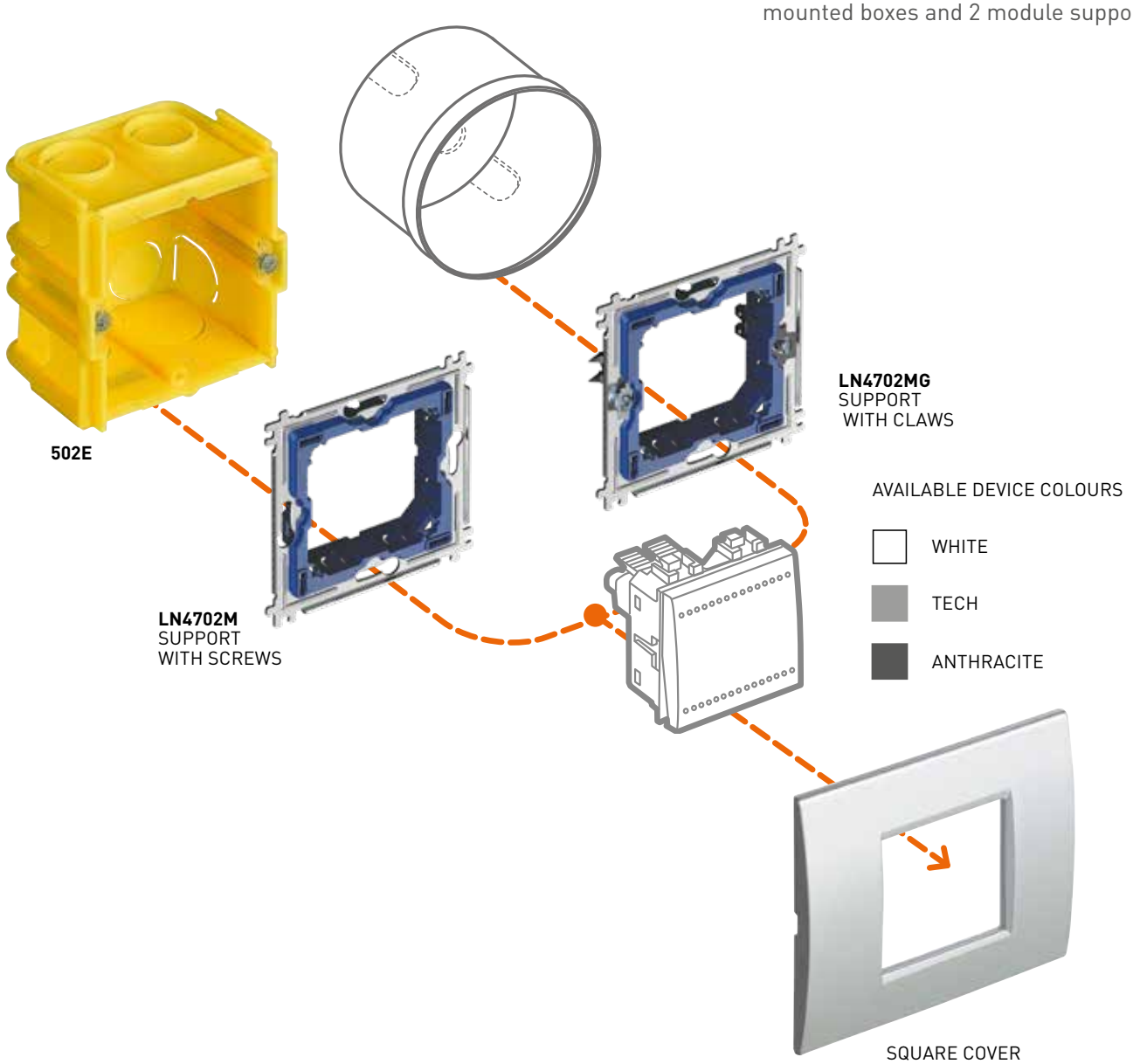
TABLE-TOP DEVICE
HOLDERS

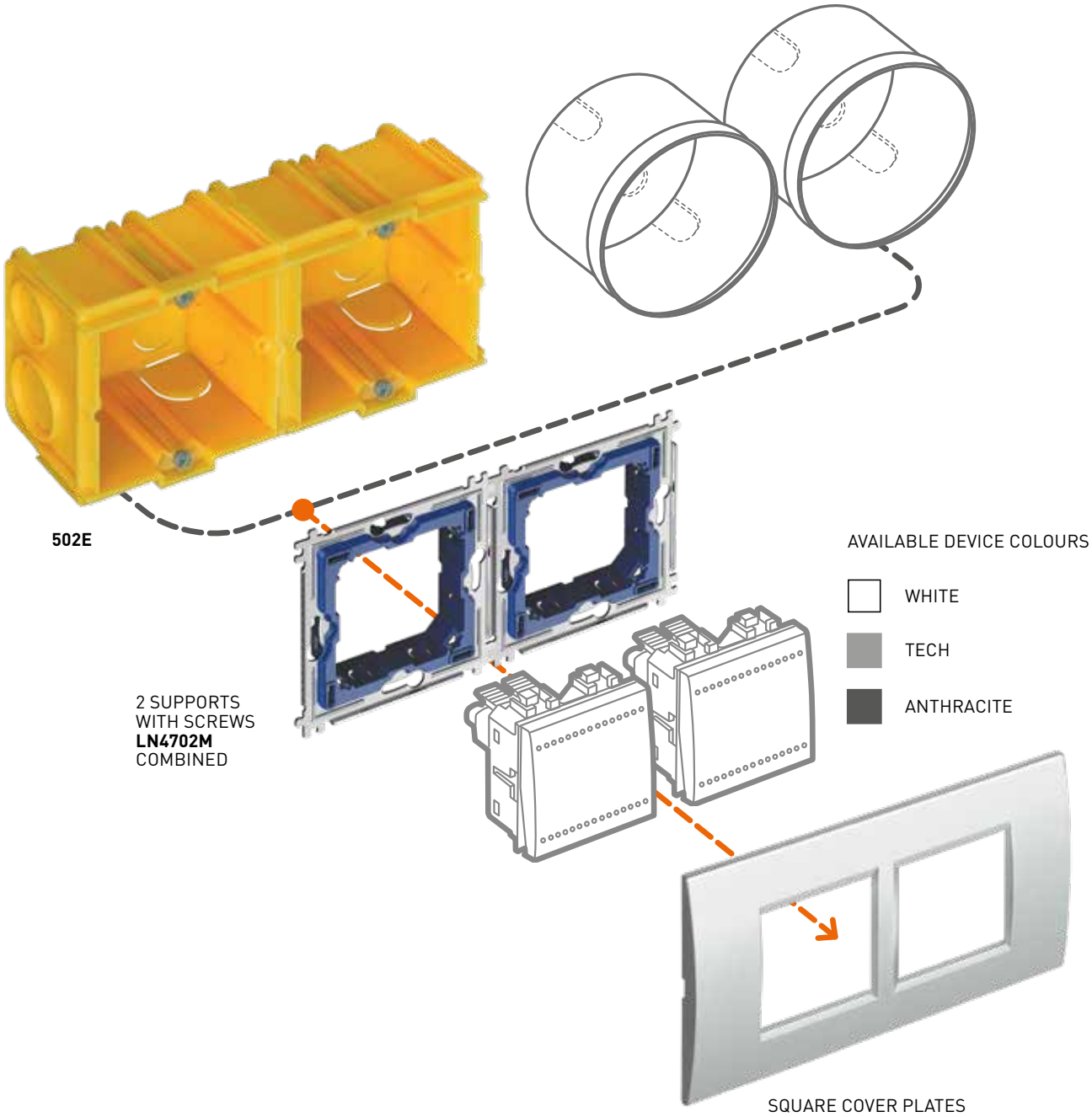
SINGLE-FACE AND
DOUBLE-FACE COLUMNS

SQUARE INSTALLATION:
2 MODULE AREA SYSTEM

Standard flush mounted boxes

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



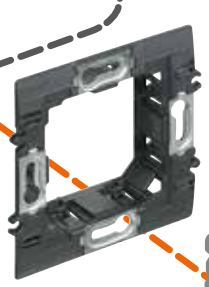

502E
2 SUPPORTS
WITH SCREWS
LN4702M
COMBINED
AVAILABLE DEVICE COLOURS
WHITE
TECH
ANTHRACITE
SQUARE COVER PLATES

AIR INSTALLATION:
2 MODULE AREA SYSTEM

502E
BOX WITH SCREWS
FOR MASONRY
WALLS

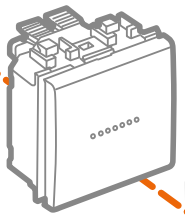
PB502N
PLASTERBOARD
BOX

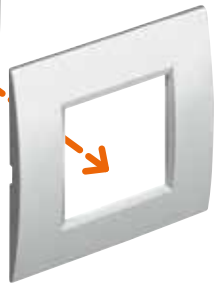
LN4702E
SPECIFIC SUPPORT FOR AIR
2 MODULE AREA INSTALLATION



AVAILABLE DEVICE COLOURS

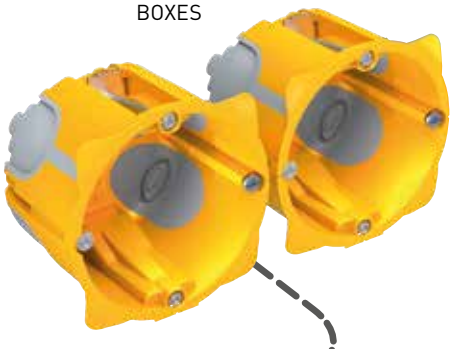
- WHITE
- TECH
- ANTHRACITE



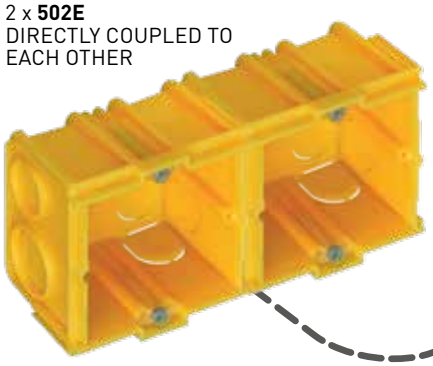


LNE4802...
AIR COVER PLATE
FOR 2 MODULE AREA
INSTALLATION

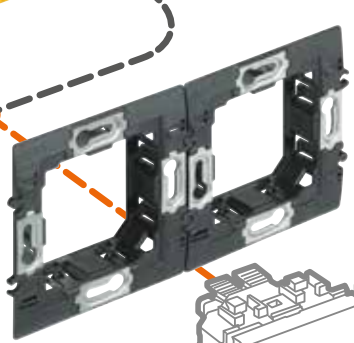
2 x **PB502**
PLASTERBOARD
BOXES



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

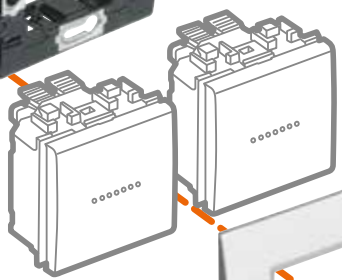


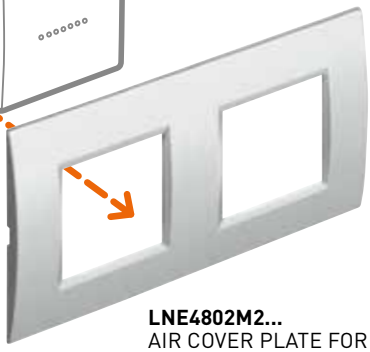
2 x **LN4702E**
DIRECTLY COUPLED TO
EACH OTHER



AVAILABLE
DEVICE COLOURS

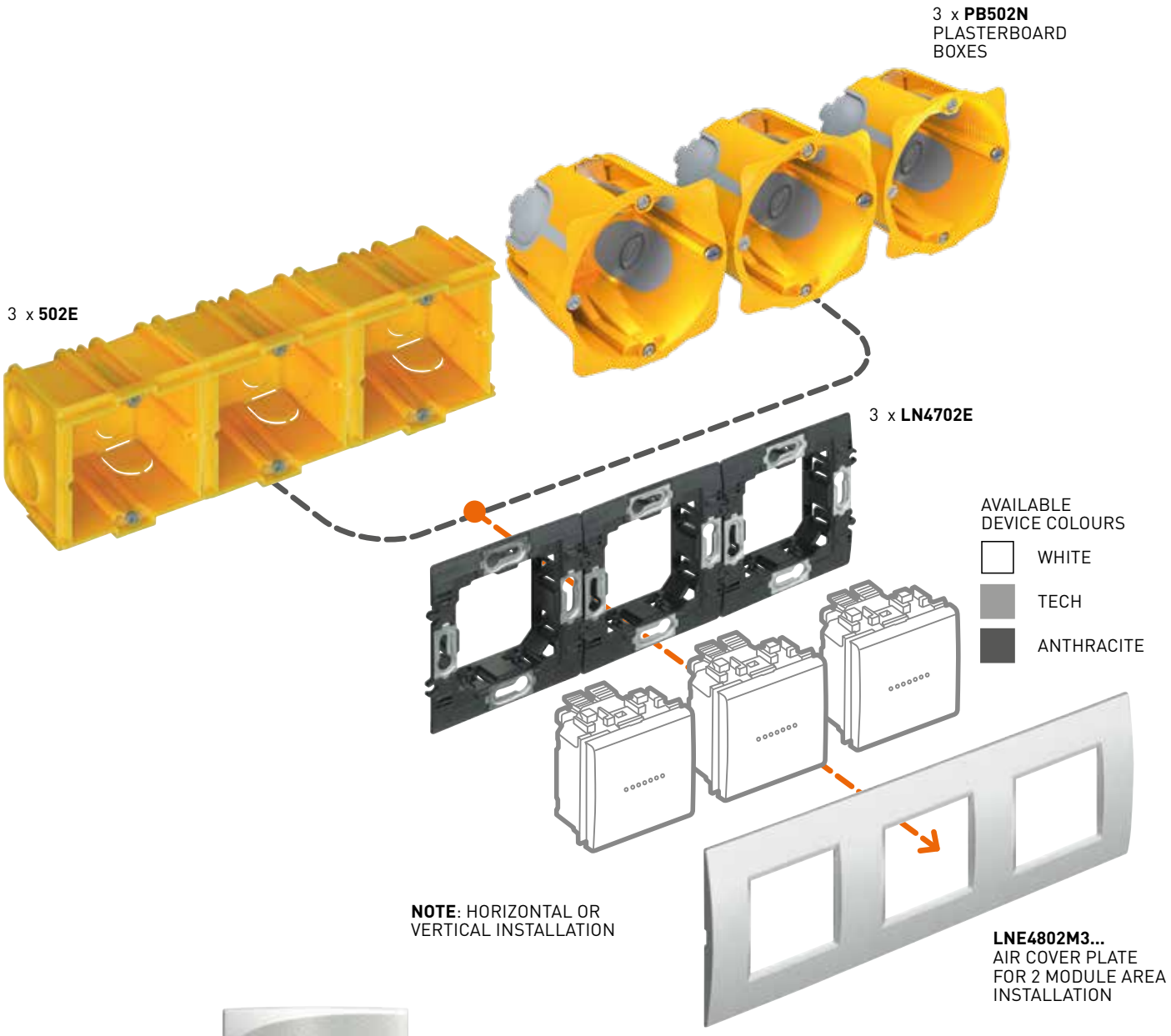
- WHITE
- TECH
- ANTHRACITE





NOTE: HORIZONTAL OR
VERTICAL INSTALLATION

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



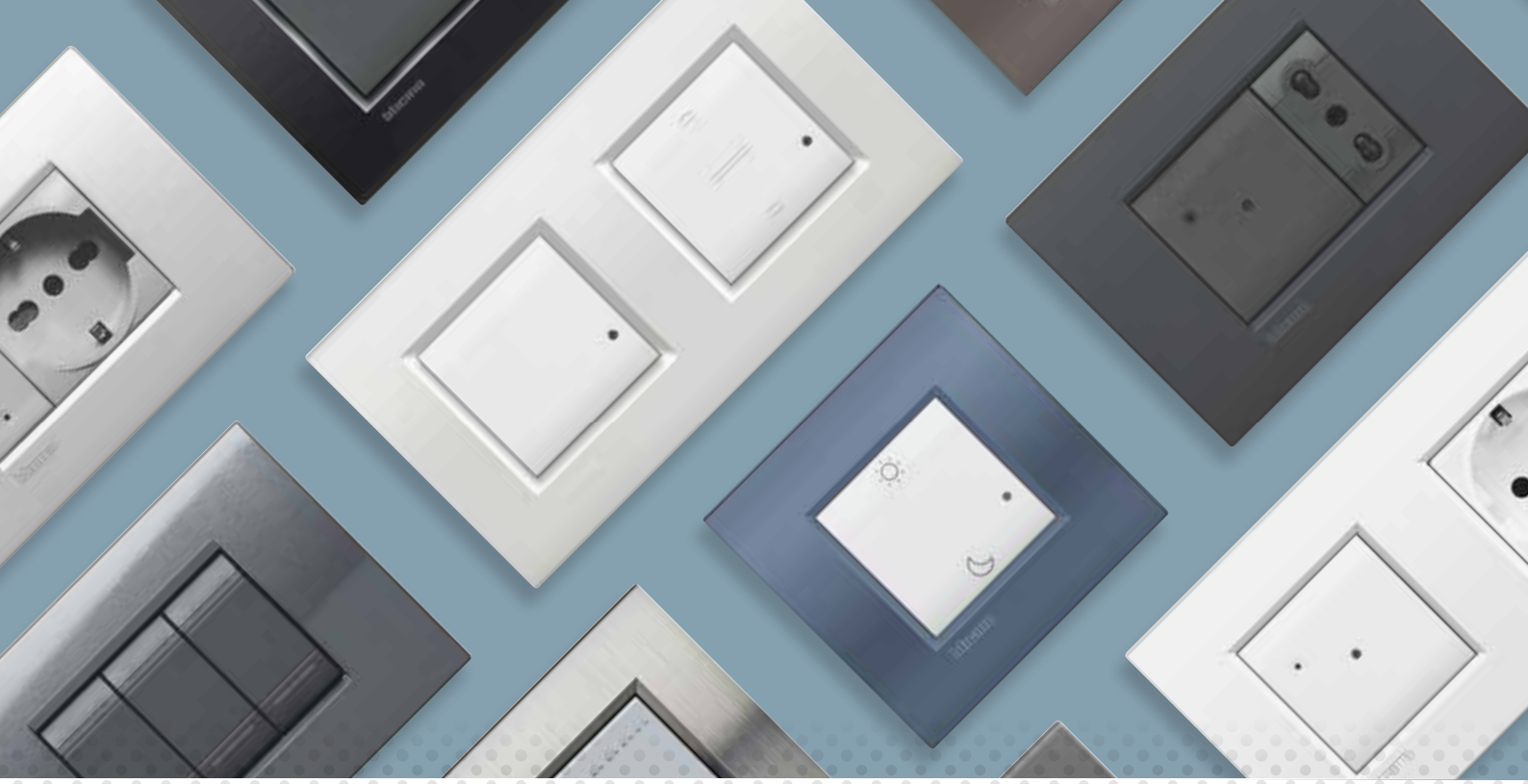
Livinglight AIR features reduced protrusion from the wall of the device/cover plate.

- 2 module installation: on BTicino boxes 502E and PB502N.

Complete the installation with specific supports and cover plates.

Suggestions:

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



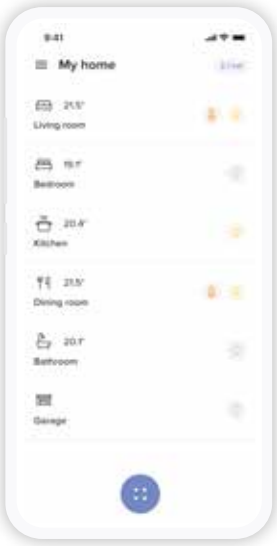
SMART ELECTRICAL SYSTEM

The offer advantages

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

FROM TRADITIONAL TO CONNECTED IN A FEW STEPS

Does your customer want a Smart system?
From today with LivingLight with Netatmo it is possible without redoing the wiring, with the only replacement of a few traditional devices with those connected.



Works with Apple HomeKit

works with Hey Google

works with alexa

CATALOGUE

SMART ELECTRICAL SYSTEM - MODULAR VERSION

Controls for light and shutter

L4003C

L4411C

FC80RC

3584C

L4027C

4027C

Item	CONNECTED DEVICES FOR LIGHT
☐ N4003C ■ NT4003C ■ 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 tradidional 2ways switch and it is compatible with all loads with max power 250 W. It s equiped with a blue LED light used always on for localization modality or on, when the light is on for the load status modality. It can be associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module
☐ N4411C ■ NT4411C ■ 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 tradidional switch and it is compatible with all loads (LED, halogen) with max power 150 W at 230 V (or 75 W at 110 V). It s equiped with a blue LED light used for localization modality or load status modality, configurable by APP. It can be connected to one or more traditional push-button or associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module
○ 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-button or associated with "wireless light switches". It is installed as a traditional rele in the box (behind the button) or in derivation boxes. Caution: Must be connected to the neutral. Power supply 110-230 Va.c.
○ FC80RC	DIN switchboard light device for loads with absorption In= 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 Va.c. - 1 DIN module.

Item	CONNECTED DEVICES FOR SHUTTERS
☐ N4027C ■ NT4027C ■ L4027C	connected rolling shutter switch - It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply). Not compatible with motors for radio-controlled or pulse-controlled roller shutters. It can be associated with one or more wireless commands. Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module
☐ N4027CIL ■ NT4027CIL ■ L4027CIL	As above - interlocked modality
○ 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 Va.c.

Items in red colour: New products

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Controls for energy management and light

L4531C

F20T60A
FC80GCS

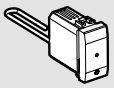
FC80CC

4141PC

4142PC

3585C

3528C

Item	CONNECTED DEVICES FOR ENERGY MANAGEMENT
☐ N4531C ▩ NT4531C ■ L4531C 	connected socket module - wiring to a power outlet, allows to remotely control appliances and check the consumption (instantaneous, daily, monthly). It is also possible to receive notifications in case of anomalous consumption. The connected socket module is compatible with any device electric and large appliances up to 16 A 3680 W max. (protected against overloads). It is equiped with a LED light lit in blue when it is on. This option can be enabled or disabled in the "Home+Control" app. It can be associated with "wireless light switches". Power supply 110-230 Va.c. - 1 module
○ FC80CC	connected contactor for single-phase and/or three-phase loads with maximum absorption In= 20 A. With meter for the measurement of the current absorbed by the load. Power supply 110-230 Va.c. - 1 DIN module
○ F20T60A	Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous, daily, monthly) and of the single electrical power lines. It allows the reception of notifications in case of reaching the maximum power foreseen by the contract to avoid annoying black-outs. A toroid is supplied to measure the input current. Power supply 100-240 Va.c. - 1 DIN module. (Only for single-phase systems).
○ FC80GCS	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 Va.c. - 1 DIN module

Item	CONNECTED PLUG&PLAY SOCKET
	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 Va.c.
○ 4141PC	Shuko standard socket
○ 4142PC	French / Belgian standard socket
	WIRELESS CONTROLS FOR LIGHT
○ 3585C	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.
	POCKET REMOTE CONTROL 4 SCENARIOS
○ 3528C	It allows to add a wireless remote control in your system. Is equipped with 4 keys for the activation of the 1,2,3 and 4 scenarios. The scenarios can be activated and customized by the Home + Control app. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years.

SMART ELECTRICAL SYSTEM - MODULAR VERSION

Wireless controls for light, shutter and scenario

LN4003CWI L4003CW L4003DCW LN4027CWI L4027CW N4575CW L4570CW

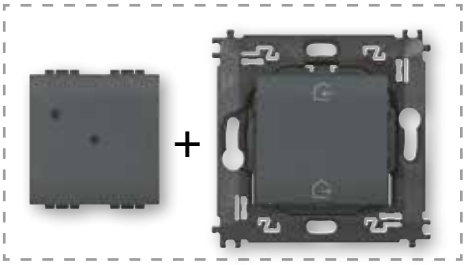
Item		
WIRELESS CONTROLS FOR LIGHT		
○ LN4003CWI (*)		wireless light switch. It allows the ON / OFF and dimming control of one or more connected devices for the lighting control. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 1 module
☐ N4003CW ■ NT4003CW ■ L4003CW		wirelless controls for light, as above. 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
○ 3577C		Wireless module for mechanical switch. It allows to change a two-way switch or a traditional pushbutton into a wireless light control for ON/OFF control of one or more devices connected for light control. The small size allows the installation in the flush mounted box. CR2032 type 3V power battery with 8 year expected life supplied (as standard)
WIRELESS CONTROLS FOR SHUTTER		
LN4027CWI (*)		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
☐ N4027CW ■ NT4027CW ■ L4027CW		rolling shutter wireless switch - It allows the control of one or more connected rolling shutter switches. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules

Item		
WIRELESS 4 SCENARIOS CONTROL		
☐ N4575CW ■ NT4575CW ■ L4575CW		it's equipped with 4 buttons for activating of scenarios 1,2,3 and 4. Scenarios can be customized by the Home+ Control app. Surface installation withrepositionable 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.
WIRELESS HOME/AWAY SCENARIO CONTROLS		
○ LN4570CWI (*)		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
☐ N4570CW ■ NT4570CW ■ L4570CW		Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios Scenarios can be customized by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules
WIRELESS WAKE UP/SLEEP SCENARIO CONTROLS		
○ LN4574CWI (*)		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
☐ N4574CW ■ NT4574CW ■ L4574CW		It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customized by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years - 2 modules

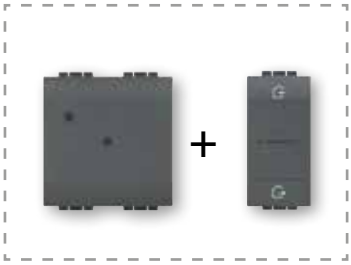
(*) Mechanism provided with front covers in white, tech and and anthracite color finishes

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

Gateway

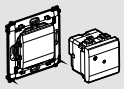
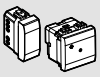


L4500C



L4510C

FC80GT

Item	GATEWAY
☐ N4500C ▪ NT4500C ■ L4500C 	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: - using your smartphone and the Home + Control app - using voice assistants - from the general control at the entrance to your home Supplied with the Home/Away wireless master switch required for the association procedure of all connected devices. Power supply 110-230 Va.c. - 2 modules
☐ N4510C ▪ NT4510C ■ L4510C 	Gateway as above. Supplied with the flush-mounted Home/Away wireless master switch 1 module required for the association procedure of all connected devices. Power supply 110-230 Va.c. - 2 modules

Item	GATEWAY DIN
○ FC80GT	The device enables to create a connected installation in the home and can be used to control lighting, roller shutters and electrical equipment plugged into connected sockets: - using your smartphone and the Home + Control app - using voice assistants - from the general control at the entrance to your home. Power supply 110-230 Va.c. - 2 modules.

SMART ELECTRICAL SYSTEM - EUROPE VERSION

Wired controls for light and shutter

NT4411CM2

3584C

FC80RC

4027C

Item	CONNECTED DEVICES FOR LIGHT
☐ N4411CM2 ■ NT4411CM2 ■ L4411CM2	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 tradidional switch and it is compatible with all loads (LED, halogen) with power 5-300 W at 230 V. It s equiped 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 Va.c. - 2 modules
○ 3584C	connected lighting micromodule. It allows to control lights locally or remotely. It is compatible with all loads with max pover 300 W. It can be connected to one or more traditional push-button or associated with "wireless light switches". It is installed as a traditional rele in the box (behind the button) or in derivation boxes. Caution: Must be connected to the neutral. Power supply 110-230 Va.c.
○ FC80RC	DIN switchboard light device for loads with absorption In= 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 Va.c. - 1 DIN module.

Item	CONNECTED DEVICES FOR SHUTTERS
☐ N4027CM2 ■ NT4027CM2 ■ L4027CM2	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 Va.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 Va.c.

Items in red colour: New products

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

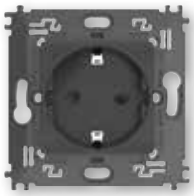
Wired controls for energy management and light

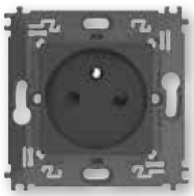
FC80CC

F20T60A
FC80GCS

4141PC

4142PC


L4141AC


L4142AC

3585C

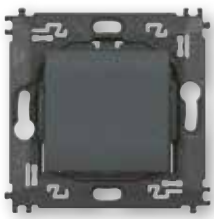
Item		CONNECTED MODULE FOR ENERGY MANAGEMENT
○ FC80CC		connected contactor for single-phase and/or three-phase loads with maximum absorption In= 20 A. With meter for the measurement of the current absorbed by the load. Power supply 110-230 Va.c. - 1 DIN module
○ F20T60A		Smart DIN meter. It allows to measure the electrical energy consumption of the entire single-phase system of the house (instantaneous, daily, monthly) and of the single electrical power lines. It allows the reception of notifications in case of reaching the maximum power foreseen by the contract to avoid annoying black-outs. A toroid is supplied to measure the input current. Power supply 100-240 Va.c. - 1 DIN module. (Only for single-phase systems).
○ FC80GCS		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 Va.c. - 1 DIN module
		CONNECTED PLUG&PLAY SOCKETS
		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 Va.c.
○ 4141PC		Shuko standard socket
○ 4142PC		French / Belgian standard socket

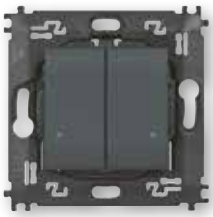
Item		CONNECTED SOCKETS
□ N4141AC ■ NT4141AC ■ L4141AC		2P+E 16 A 250 Va.c. German standard connected socket. It allows remote control of electric devices and also to monitor their consumption (instantaneous, daily, monthly). It is also possible to receive notifications that can be configured. Compatible 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 Va.c.
□ N4142AC ■ NT4142AC ■ L4142AC		As above French/belgian standard socket
		WIRELESS CONTROLS FOR LIGHT
○ 3585C		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.

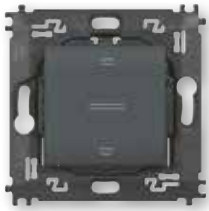
NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

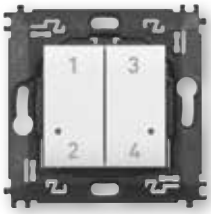
SMART ELECTRICAL SYSTEM - EUROPE VERSION

Wireless controls for light, shutter and scenario


L4003CW


L4003DCW


L4027CW



N4575CW

L4570CW

3528C

Item

WIRELESS CONTROLS FOR LIGHT

☐ N4003CW
■ NT4003CW
■ L4003CW

wireless light switch. It allows the ON / OFF and dimming control of one or more connected devices for the lighting control. It can be installed in any flush-mounted box without any wiring. The battery can be replaced without removing it from the supporting frame. Integrated LED for low battery indication.
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

WIRELESS CONTROLS FOR SHUTTER

☐ N4027CW
■ NT4027CW
■ L4027CW

rolling shutter wireless switch - It allows the control of one or more connected rolling shutter switches. Surface installation with repositionable stickers (supplied) or onto a flush mounting box. Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years
- 2 modules

WIRELESS 4 SCENARIOS CONTROL

☐ N4575CW
■ NT4575CW
■ L4575CW

it's equipped with 4 buttons for activating of scenarios 1,2,3 and 4.Scenarios can be customized by the Home+ Control app. Surface installation withrepositionable 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.

Item

WIRELESS HOME/AWAY SCENARIO CONTROLS

☐ N4570CW
■ NT4570CW
■ L4570CW

Home / Away wireless switch. It is equipped with 2 buttons for activating Home / Away scenarios
Scenarios can be customized by the Home + Control app. Surface installation with repositionable stickers (supplied) or onto a flush mounting box.
Integrated LED for low battery indication. Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years
- 2 modules

WIRELESS WAKE UP/SLEEP SCENARIO CONTROLS

☐ N4574CW
■ NT4574CW
■ L4574CW

It is equipped with 2 buttons for activating Wake Up / Sleep scenarios. Scenarios can be customized by the Home + Control app.
Surface installation with repositionable stickers (supplied) or onto a flush mounting box.
Integrated LED for low battery indication.
Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years
- 2 modules

POCKET REMOTE CONTROL 4 SCENARIOS

○ 3528C

It allows to add a wireless remote control in your system. Is equipped with 4 keys for the activation of the 1,2,3 and 4 scenarios.
The scenarios can be activated and customized by the Home + Control app. Integrated LED for low battery indication.
Powered by battery 3V type CR2032 (supplied) with an autonomy of 8 years.

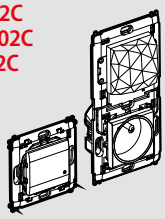
(*) Mechanism provided with front covers in white, tech and and anthracite color finishes

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

Gateway

N4501C L4501C NT4502C L4502C FC80GT

Item	GATEWAY WITH SOCKET (GERMAN STANDARD)
☐ N4501C ▪ NT4501C ■ L4501C	German standard socket. The gateway creates a connected installation in ypur home. It can be used to control lights, shutters, and electric appliances plugged into connected sockets: - using the smartphone and the Home + Control app - using the voice assistants - from the general control at the home entrance. It integrates a 2P+E 16 A 250 Va.c. German standard connected socket for the remote control of electric devices and to monitor their consumption (instantaneous, daily, monthly). Compatible with all the electric devices with power up to 16 A 3680W (with overload protection). It can be installed instead of an existing socket in a 40 mm deep box. Screw fixing and connection using automatic clamps It has a blue LED that lights up when the socket is ON and that can be configured by means of the Home + Control APP. It can be associated to one or more wireless light controls. It is also supplied with wireless master IN&OUT scenario control, required for the association of all connected devices. Power supply 110-230 Va.c.

Item	GATEWAY WITH SOCKET (F/B STANDARD)
☐ N4502C ▪ NT4502C ■ L4502C 	French/belgian standard socket. The gateway creates a connected installation in ypur home. It can be used to control lights, shutters, and electric appliances plugged into connected sockets: - using the smartphone and the Home + Control app - using the voice assistants - from the general control at the home entrance. It integrates a 2P+E 16 A 250 Va.c. French/belgian standard connected socket for the remote control of electric devices and to monitor their consumption (instantaneous, daily, monthly). Compatible with all the electric devices with power up to 16 A 3680W (with overload protection). It can be installed instead of an existing socket in a 40 mm deep box. Screw fixing and connection using automatic clamps It has a blue LED that lights up when the socket is ON and that can be configured by means of the Home + Control APP. It can be associated to one or more wireless light controls. It is also supplied with wireless master IN&OUT scenario control, required for the association of all connected devices. Power supply 110-230 Va.c.

	GATEWAY DIN
○ FC80GT	The device enables to create a connected installation in the home and can be used to control lighting, roller shutters and electrical equipment plugged into connected sockets: - using your smartphone and the Home + Control app - using voice assistants - from the general control at the entrance to your home. Power supply 110-230 Va.c. - 2 modules.

Smarther WITH Netatmo
SMART ELECTRICAL SYSTEM
Thermostat

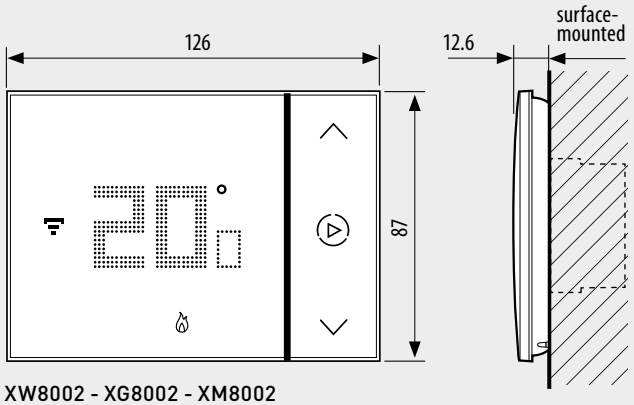
XW8002
XW8002W

XM8002

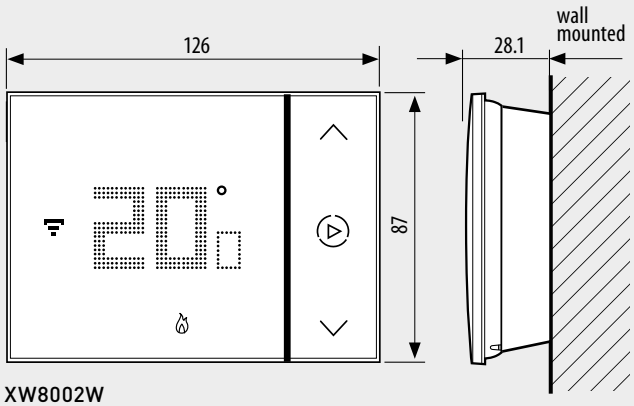
XG8002

Item	CONNECTED THERMOSTAT
☐ XW8002 ■ XG8002 ☐ XM8002 	The Smarther 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, Smarther 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. Smarther with Netatmo can also be controlled with Google, Amazon Alexa and Apple Home Kit voice assistants. Features: - 110 ÷ 230 Va.c., 50/60 Hz power supply; - 2 W max absorption; - maximum cable section 1 x 1.5mm^2; - temperature measurement 5 ÷ 40°C; - temperature set-point 5 ÷ 40°C, - increase of 0.5°C; - 1-contact output in switching free of potential 5(2)A. Types of installation: - flush mounted, on boxes item 503E or 500 (for item 500 use the wall dowels) - plasterboard, on boxes 2 module e 3 module It is available in three colours: white (XW8002), sand (XM8002) and black (XG8002).
☐ XW8002W 	features: as ..8002. Installation: on the wall, using screws and dowels suitable for the installation surface (brickwork, plasterboard, tiles etc.). It is only available in white.

DIMENSIONAL DATA



XW8002 - XG8002 - XM8002



XW8002W

App HOME + CONTROL for management of connected devices

Download on App Store | GET IT ON Google Play | works with Hey Google | Works with Apple HomeKit | works with alexa

DESIGN AWARD 2017

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

NOTE: ☐ **White** colour device ■ **Black** colour device ☐ **Sand** colour device

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.

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.	□	N4001A	N4001M2A	N4001N	N4001M2N
	■	NT4001A	NT4001M2A	NT4001N	NT4001M2N
	■	L4001A	L4001M2A	L4001N	L4001M2N
	○	LN4001A	-	L4001/0	-
2 WAY SWITCH 1P 16 AX 250 Va.c.	□	N4003A	N4003M2A	N4003N	N4003M2N
	■	NT4003A	NT4003M2A	NT4003N	NT4003M2N
	■	L4003A	L4003M2A	L4003N	L4003M2N
	○	LN4003A	-	L4003/0	-
4 WAY SWITCH 1P 16 AX 250 Va.c.	□	-	-	N4004N	N4004M2N
	■	-	-	NT4004N	NT4004M2N
	■	-	-	L4004N	L4004M2N
	○	-	-	LN4004	-
PUSHBUTTON 1P (NO) 10 A 250 Va.c.	□	N4005A	N4005M2A	N4005N	N4005M2N
	■	NT4005A	NT4005M2A	NT4005N	NT4005M2N
	■	L4005A	L4005M2A	L4005N	L4005M2N
	○	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.	□	N4051AN	N4051M2AN	N4051N	N4051M2N
	■	NT4051AN	NT4051M2AN	NT4051N	NT4051M2N
	■	L4051AN	L4051M2AN	L4051N	L4051M2N
2 WAY 25 SWITCH 1P 10 AX 250 Va.c.	□	N4053AN	N4053M2AN	N4053N	N4053M2N
	■	NT4053AN	NT4053M2AN	NT4053N	NT4053M2N
	■	L4053AN	L4053M2AN	L4053N	L4053M2N
4 WAY SWITCH * 1P 16 AX 250 Va.c.	□	-	-	N4054	N4054M2
	■	-	-	NT4054	NT4054M2
	■	-	-	L4054	L4054M2
PUSHBUTTON ** 1P (NO) 10 A 250 Va.c.	□	N4055AN	N4055M2AN	N4055N	N4055M2N
	■	NT4055AN	NT4055M2AN	NT4055N	NT4055M2N
	■	L4055AN	L4055M2AN	L4055N	L4055M2N

Note: The key covers of axial controls may be replaced by those listed in the following pages.
* axial intermediate switch are fitted with screw and plate terminals
** **Note:** for installation in the standard 3 module arrangement with AIR plate, in combination with the MH BASIC interface, the use of box extensions is recommended, as it will make wiring easier.

NOTE: AX = filament and fluorescent lamp current □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

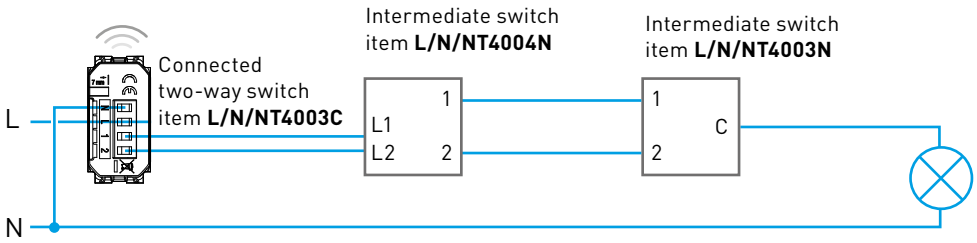
SMART ELECTRICAL SYSTEM

Connected control devices

L4003C

Item	CONNECTED 2-WAY SWITCHES
☐ N4003C ▪ NT4003C ■ L4003C	connected 2-ways switch. It allows to control lights locally or remotely. The connected 2-ways switch has the same installation and usability of a tradidional 2ways switch and it is compatible with all loads with max pover 250 W. It s equiped with a blue LED light used always on for localization modality or on, when the light is on for the load status modality. It can be associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module

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



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

TRADITIONAL ELECTRICAL SYSTEM

Key covers for rocker controls

1 FUNCTION KEY COVERS

NEUTRAL LIGHTABLE KEY COVERS

		1 module	2 modules	3 modules
Description		Item	Item	Item
NEUTRAL KEY COVER WITH LIGHTABLE DIFFUSER	☐	N4915N	N4915M2N	N4915M3N
	■	NT4915N	NT4915M2N	NT4915M3N
	■	L4915N	L4915M2N	L4915M3N
HIGH BRIGHTNESS COVER	☐	N4915LN	N4915M2LN	N4915M3LN

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

N4915N NT4915N L4915N

N4915LN

KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL

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

NT4915AN NT4915BN NT4915DN

NT4915FN NT4915M2ADN

NT4915DD NT4915MR

NT4915RN NT4915PN NT4915SN

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.

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Key covers for axial controls

NEUTRAL KEY COVERS LIGHTABLE

		1 module	2 modules (*)
Description		Item	Item
NEUTRAL KEY COVER WITH LIGHTABLE DIFFUSER	☐	N4916	N4916M2
	■	NT4916	NT4916M2
	■	L4916	L4916M2

(*) Suitable only with new axial switches

NT4916

KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL

		1 module	2 modules (*)
Description		Item	Item
KEY COVER WITH LIGHT SYMBOL	☐	N4916A	N4916M2A
	■	NT4916A	NT4916M2A
	■	L4916A	L4916M2A
KEY COVER WITH STAIRCASE LIGHT SYMBOL	☐	N4916B	N4916M2B
	■	NT4916B	NT4916M2B
	■	L4916B	L4916M2B
KEY COVER WITH BELL SYMBOL	☐	N4916D	N4916M2D
	■	NT4916D	NT4916M2D
	■	L4916D	L4916M2D
KEY COVER WITH KEY SYMBOL	☐	N4916F	N4916M2F
	■	NT4916F	NT4916M2F
	■	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	☐	N4916T	N4916M2T
	■	NT4916T	NT4916M2T
	■	L4916T	L4916M2T

NT4916T

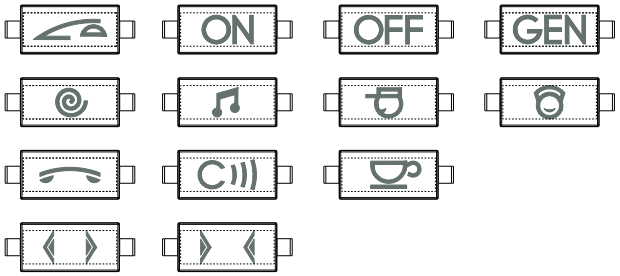
NT4916M2T

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)	☐	N4916KIT
	■	NT4916KIT
	■	L4916KIT



NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TRADITIONAL ELECTRICAL SYSTEM

Relays

N4330/230

N4T330/230

L4330/230

Item		MONOSTABLE RELAYS
☐ N4330/230 ▒ NT4330/230 ■ L4330/230		monostable relay with NO/NC contact 250 Va.c. 10 A (resistive) 4 A (inductive) cosφ 0.5 coil power supply 230 Va.c.
☐ N4330/12 ▒ NT4330/12 ■ L4330/12		as above – coil power supply 12 Va.c.
☐ N4330/24 ▒ NT4330/24 ■ L4330/24		as above – coil power supply 24 Va.c.

Dimmers

N4402N

NT4406

NT4408N
NT4410N
NT4411N

L4581

Item		KNOB DIMMER
☐ N4402N* ▒ NT4402N* ■ L4402N*		knob dimmer with built-in two way switch - resistive 60-500 W - TRIAC/IGBT technology - built-in fuse - 1 module
☐ N4406* ▒ NT4406* ■ L4406*		resistive knob dimmer 100-500 W - 1 module
☐ N4581 ▒ NT4581 ■ L4581		resistive knob dimmer 400/800 W - 1 modules

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

		TOUCH DIMMER
☐ N4408N ▒ NT4408N ■ L4408N		resistive/inductive touch dimmer 300/600 W with electronic protection - 2 modules
☐ N4410N ▒ NT4410N ■ L4410N		touch dimmer output 0 - 10 V with electronic protection - 2 modules
☐ N4582N ▒ NT4582N ■ L4582N		resistive/capacitive touch dimmer 400/700 W - 2 modules

		UNIVERSAL PUSHBUTTON DIMMER
☐ N4411N ▒ NT4411N ■ L4411N		universal dimmer (resistive - inductive, capacitive, fluorescent compact and dimmer LEDs) - 150/200/400 W with electronic protection - 2 modules

Loads

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

Items in red colour: New products

NOTE: ☐ **White** colour device ▒ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

SMART ELECTRICAL SYSTEM

Connected relays

3584C

FC80RC

Item	CONNECTED RELAYS
○ 3584C	Connected lighting micromodule. It allows to control lights locally or remotely. It is compatible with all loads with max pover 300 W. It can be connected to one or more traditional push-button or associated with "wireless light switches". It is installed as a traditional rele in the box (behind the button) or in derivation boxes. Caution: Must be connected to the neutral. Power supply 110-230 Va.c.
○ FC80RC	DIN switchboard light device for loads with absorption In= 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 Va.c. - 1 DIN module.

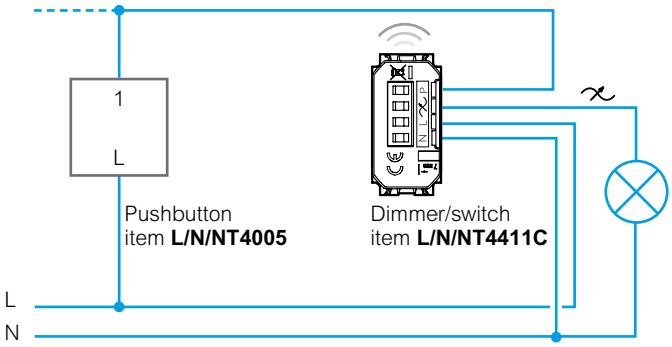
Connected dimmers

L4411C

NT4411CM2

Item	CONNECTED DIMMER
□ N4411C ■ NT4411C ■ 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 tradidional switch and it is compatible with all loads (LED, halogen) with max power 150 W at 230 V (or 75 W at 110 V). It s equiped with a blue LED light used for localization modality or load status modality, configurable by APP. It can be connected to one or more traditional push-button or associated with "wireless light switches". Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module
□ N4411CM2 ■ NT4411CM2 ■ L4411CM2	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 tradidional switch and it is compatible with all loads (LED, halogen) with power 5-300 W at 230 V. It s equiped 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 Va.c. - 2 modules

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

TRADITIONAL ELECTRICAL SYSTEM

IR and Green switches

N4433N

N4434N

NT4431N

L4432

Item		PASSIVE IR SWITCHES
☐ N4431N ▪ NT4431N ■ L4431N		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 (BMSO4003 and BMSO4001). Power supply 230 Vac - relay output from 2.1 to 8.5 A max - 2 modules
☐ N4432 ▪ NT4432 ■ L4432		as above - switch off delay time circuit, with delay adjustment from 30 seconds to 10 minutes - it can also be activated using the external pushbutton - relay output 6 A resistive/2 A inductive - with O-A-I selector - power supply 230 Va.c.- 2 modules
☐ N4432/127 ▪ NT4432/127 ■ L4432/127		as above - 110/127 Va.c.

		GREEN SWITCH AND IR SENSOR
☐ N4433N ▪ NT4433N ■ L4433N		Green Switch: switch with movement sensor, through a combination of **passive infrared rays and ultrasounds**, 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 (BMSO4003 and BMSO4001) remote control, 230 Va.c. power supply. - 2.5 A relay output - 2 modules
☐ N4434N ▪ NT4434N ■ L4434N		Green Switch: switch with passive infrared rays presence sensor, and brightness sensor. Manual switching on of the light using the front pushbutton, and automatic switching off based on brightness level and presence. Switch off delay and brightness sensor threshold adjustable using the potentiometer and the one/two-way (BMSO4003 and BMSO4001) commissioning tools. Power supply 230 Vac and 1.7 A max relay output - 2 modules.

NOTE: for more information on remote controls BMSO4003 and BMSO4001 refer to the Lighting Management Catalogue.

GREEN SWITCH - FEATURES

	N4433N NT4433N L4433N	N4434N NT4434N L4434N
	100-240 V~	
	50/60 Hz	
	2 x 2.5 mm²	
NEUTRAL CONNECTION	YES	NO
	(-5) - (+45) °C	
	300 lux	
	15 minutes	
	2000 W - 230 V~ 1000 W - 110 V~	40÷400 W - 230 V~ 20÷200 W - 110 V~
	1000 VA - 230 V~ - 4,3 A 500 VA - 110 V	40÷400 VA - 230 V~ 20÷200 VA - 110 V~
	10 x (2x36 W) - 230 V~ 5 x (2x36 W) - 110 V~	
	500 VA - 230 V~ 250 VA - 110 V~	
	1000 VA - 230 V~ 500 VA - 110 V~	
	500 VA - 230 V~ 250 VA - 110 V~	

SMART ELECTRICAL SYSTEM

Connected IR switches

3585C

Item		MOTION SENSOR WIRELESS
○ 3585C		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

TRADITIONAL ELECTRICAL SYSTEM

Basic control devices

N4003ES

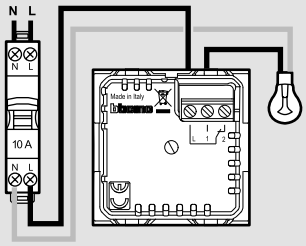
NT4003ES

L4003ES

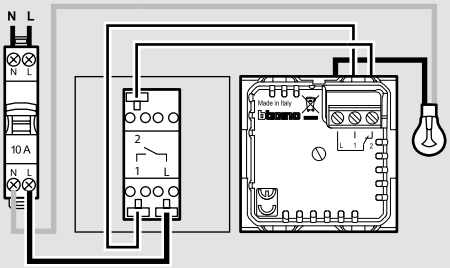
Item	TWO-WAY ENERGY SAVING SWITCH
☐ N4003ES ■ NT4003ES ■ L4003ES	Two-way Energy Saving switch with presence detector. It works as a traditional 2 way switch (manual ON, manual OFF) but it will automatically turn off the light if it doesn't detect any presence for 10 minutes. IR detection range, 8 meters, 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

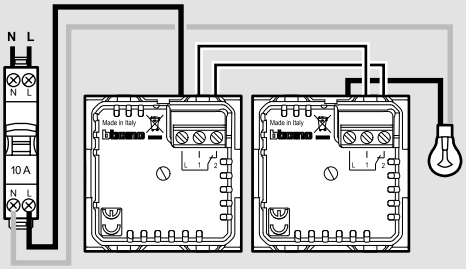


Two-way switch + Two-way energy saving switch



The IR sensor is activated when the light is switched on from one of the two switches. The tw-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.

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Other control devices

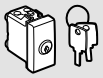
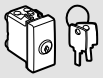
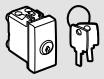
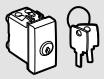
N4002N N4012 N4011

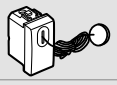
NT4027 NT4391 NT4016

L4037 LN4040 26108L

NT4022 NT4033

L4038R L4038V

Item		
		16 AX 250 Va.c. SWITCHES
☐ N4002N ▪ NT4002N ■ L4002N		2 P switch
☐ N4012 ▪ NT4012 ■ L4012		2P key switch - the key can be removed both in the ON and in the OFF position – keys are different from each other
☐ N4012C* ▪ NT4012C* ■ L4012C*		2P key switch - as above - keys are the same for all devices
*NOTE: item available to order. Contact your supplier for availability		
		32 A DOUBLE-POLE SWITCH
☐ N4011 ▪ NT4011 ■ L4011		32 A - 250 Va.c. 2 P switch
		16 AX 250 Va.c. TWO-WAY SWITCH
☐ N4022 ▪ NT4022 ■ L4022		1 P key two-way switch - the key can be removed both in the ON and in the OFF position – keys are different from each other
☐ N4022C* ▪ NT4022C* ■ L4022C*		1 P key two-way switch - as above - keys are the same for all devices
*NOTE: item available to order. Contact your supplier for availability		
		JACK CONNECTOR
☐ N4391 ▪ NT4391 ■ L4391		jack connector with 2 closing contacts 48 V 10 A (for plug item 2124N)
○ 2124N		plug/jack for item L/N/NT4391
		ROTARY SWITCH
☐ N4016 ▪ NT4016 ■ L4016		selector – 1 way rotary switch – 4 positions for controlling air conditioners, fans control, etc. - 3 A 250 Va.c.

Item		
		10 A 250 Va.c. PUSHBUTTONS
☐ N4034N ▪ NT4034N ■ L4034N		1 P (NC) opening pushbutton preset for interchangeable key covers
☐ N4033 ▪ NT4033 ■ L4033		1 P (NO) cord pushbutton
☐ N4038R ▪ NT4038R ■ L4038R		1 P (NO) pushbutton + lampholder for LEDs item LN4742V12T - LN4742V127T - LN4742V230T - red diffuser
☐ N4038V ▪ NT4038V ■ L4038V		as above - green diffuser
☐ N4044N ▪ NT4044N ■ L4044N		2 P (NO) pushbutton with independent contacts for traditional hospital systems
○ LN4040		1 P (NO) pushbutton + lightable nameplate with LEDs item LN4742V12T - LN4742V127T - LN4742V230T
☐ N4042N ▪ NT4042N ■ L4042N		1 P (NO) pushbutton marked with lightable bell symbol
☐ N4042M2N ▪ NT4042M2N ■ L4042M2N		1 P (NO) pushbutton marked with lightable bell symbol - 2 mod.
☐ N4043N ▪ NT4043N ■ L4043N		1 P (NO) pushbutton marked with lightable lamp symbol
☐ N4043M2N ▪ NT4043M2N ■ L4043M2N		1 P (NO) pushbutton marked with lightable lamp symbol - 2 mod.
☐ 26108N ▪ 26108T ■ 26108L		IP55 nameplate pushbutton - backlit with LED technology (included) - suitable for installation on 503E and 502E flush mounted boxes
		KEY COVERS
☐ N4916DP ▪ NT4916DP ■ L4916DP		neutral key cover for items N/NT/L4036, N/NT/L4038R, N/NT/L4038V - 10 pcs pack
☐ N4916DPA ▪ NT4916DPA ■ L4916DP		key cover with arrow symbol for items N/NT/L4027, N/NT/L4037 - 10 pcs pack

TRADITIONAL ELECTRICAL SYSTEM

Control for shutters

NT4027

NT4027VMC

Item		
		16 A 250 Va.c. CHANGEOVER SWITCH
□ **N4027** ▪ **NT4027** ■ **L4027**		1 P 1-0-2 double-key changeover switch
□ **N4027VMC** ▪ **NT4027VMC** ■ **L4027VMC**		as above - fan symbol
		10 A 250 Va.c. PUSHBUTTONS
□ **N4036** ▪ **NT4036** ■ **L4036**		1 P (NO) + 1 P (NO) double pushbutton
□ **N4037** ▪ **NT4037** ■ **L4037**		1 P (NO) + 1 P (NO) interlocked double pushbutton

Items in red colour: New products

NOTE: □ **White** colour device ▪ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

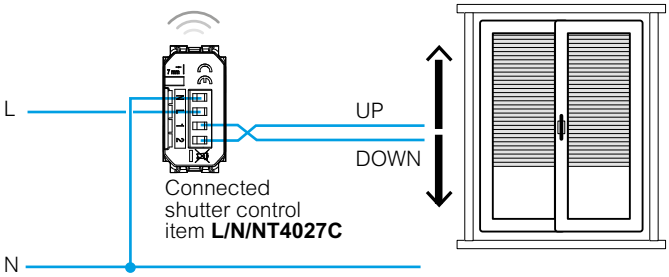
SMART ELECTRICAL SYSTEM

Connected control for shutters

L4027C

4027C

Item		CONNECTED DEVICES FOR SHUTTERS
☐ N4027C ■ NT4027C ■ L4027C		connected rolling shutter switch - It allows the control of a shutter locally or remotely. Compatible with all standard rolling shutter motors (with a mechanical or electromechanical stop and max power 500 VA) controlled by a wired shutter switch (switching of the same motor power supply). Not compatible with motors for radio-controlled or pulse-controlled roller shutters. It can be associated with one or more wireless commands. Caution: Must be connected to the neutral. Power supply 110-230 Va.c. - 1 module
☐ N4027CIL ■ NT4027CIL ■ L4027CIL		as above - interlocked modality
☐ N4027CM2 ■ NT4027CM2 ■ L4027CM2		connected rolling shutter switch - It allows the control of a shutter locally or remotely. Compatible with all standard shutter motors (with mechanical or electronic limit switch and maximum power 500 VA), controlled by a wired shutter changeover switch (changeover with the same power supply as the motor). Not compatible with radio controlled or pulse controlled shutter motors. It can be associated to one or more wireless controls. Power supply 100-240 Va.c. - 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 Va.c.



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

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

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

HOME + CONTROL

Temperature control

N4441

N4451

NT4442

Item		ELECTRONIC THERMOSTATS
☐ N4441 ▪ NT4441 ■ L4441		electronic room thermostat - relay output with 1 switching contact 2 A 250 Va.c. - power supply 230 Va.c.
☐ N4441FH ▪ L4441FH ■ NT4441FH		as above, with floor probe
☐ N4442 ▪ NT4442 ■ L4442		electronic room thermostat with a built-in "summer/winter" changeover switch - relay output with a C-NO 2 A 250 Va.c. contact - power supply 230 Va.c.

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

		ACCESSORIES FOR TIMER THERMOSTATS
○ F462		GSM Telephone actuator - 4 DIN modules
○ 3457		external probe for L/N/NT4450 and L/N/NT4451

NOTE: ☐ **White** colour device ▪ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Smarther WITH Netatmo
SMART ELECTRICAL SYSTEM
Thermostat

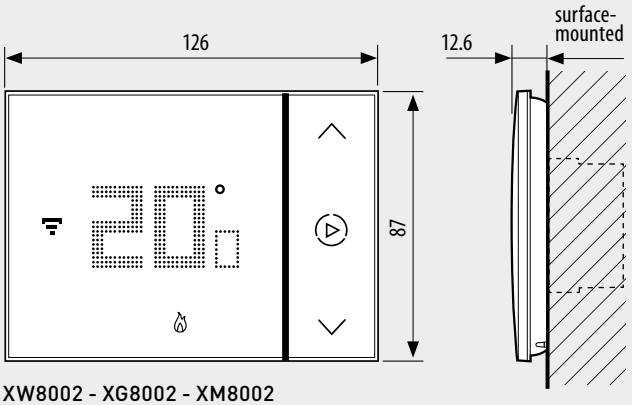
XW8002
XW8002W

XM8002

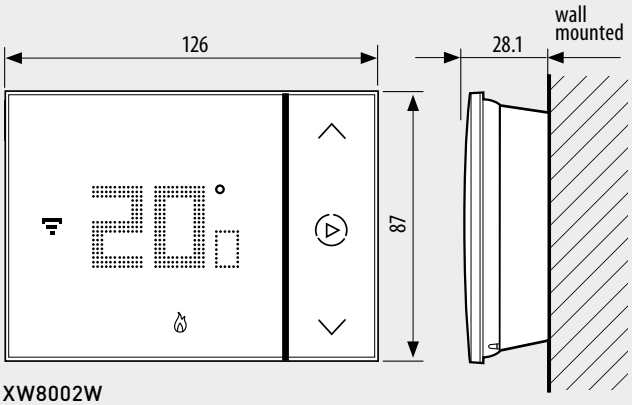
XG8002

Item	CONNECTED THERMOSTAT
☐ XW8002 ■ XG8002 ☐ XM8002	The Smarther 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, Smarther 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. Smarther with Netatmo can also be controlled with Google, Amazon Alexa and Apple Home Kit voice assistants. Features: - 110 ÷ 230 Va.c., 50/60 Hz power supply; - 2 W max absorption; - maximum cable section 1 x 1.5mm²; - temperature measurement 5 ÷ 40°C; - temperature set-point 5 ÷ 40°C, - increase of 0.5°C; - 1-contact output in switching free of potential 5(2)A. Types of installation: - flush mounted, on boxes item 503E or 500 (for item 500 use the wall dowels) - plasterboard, on boxes 2 module e 3 module It is available in three colours: white (XW8002), sand (XM8002) and black (XG8002).
☐ XW8002W	features: as ..8002. Installation: on the wall, using screws and dowels suitable for the installation surface (brickwork, plasterboard, tiles etc.). It is only available in white.

DIMENSIONAL DATA



XW8002 - XG8002 - XM8002



XW8002W

App HOME + CONTROL for management of connected devices

Download on App Store | GET IT ON Google Play | works with Hey Google | Works with Apple HomeKit | works with alexa

DESIGN AWARD 2017

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

NOTE: ☐ **White** colour device ■ **Black** colour device ▢ **Sand** colour device

TRADITIONAL ELECTRICAL SYSTEM

Socket outlets - Italian standard

N4113

N4180

N4115

NT4140

NT4140/16

L4180R

L4140/16R

N4180/2

NT4180/3

L4180V

Item		ITALIAN STANDARD
☐ N4113 ▪ NT4113 ■ L4113		2 P+E 10 A 250 Va.c. socket - centre distance 19 mm - shielded tulip contacts Ø 4 mm
☐ N4180 ▪ NT4180 ■ L4180		2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for plugs 2 P and 2 P+E 10 and 16 A Italian standard
☐ N4115 ▪ NT4115 ■ L4115		2 P+E 10 A 250 Va.c. safety socket - irreversible for plug item 2200NA or 2200NN
☐ 2200NA ■ 2200NN		safety plug for N/NT/L4115 socket - colour ivory (NA) or black (NN)
		DUPLEX AND TRIPLEX ITALIAN STANDARD
☐ N4180/2 ▪ NT4180/2 ■ L4180/2		duplex socket - two 2 P+E 10 A and 16 A 250 Va.c. parallel sockets - centre distance 19 mm and 26 mm - 2 additional P (phase-neutral) available for shunting - for plugs 2 P and 2 P+E 10 and 16 A Italian standard
☐ N4180/3 ▪ NT4180/3 ■ L4180/3		triplex socket - 3 parallel sockets - features as above.
		GERMAN AND ITALIAN STANDARDS
☐ N4140 ▪ NT4140 ■ L4140		2 P+E 16 A socket with side contacts and central earthing contact for German standard plugs and 10 A plugs with aligned pins - P30 type - centre distance 19 mm - shielded tulip contacts
☐ N4140/16 ▪ NT4140/16 ■ L4140/16		2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs

Item		FOR SPECIAL USERS
○ 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
○ L4180V*		as above - colour green
○ 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
○ L4140X16V*		as above - colour green
○ 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
☐ N4140/16F ▪ NT4140/16F ■ L4140/16F		When the plug is inserted the socket surface slides inside the casing; it returns to its initial position when the plug is taken out. 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.

Items in red colour: New products

NOTE: ☐ **White** colour device ▪ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

SMART ELECTRICAL SYSTEM

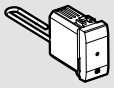
Connected devices for energy management

L4531C

FC80GCS

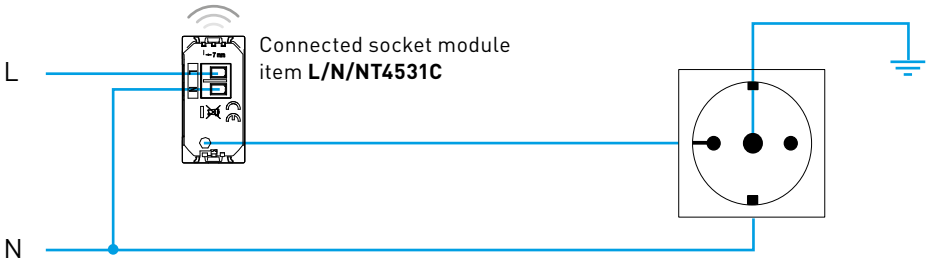
FC80CC

F20T60A

Item	CONNECTED DEVICES FOR ENERGY MANAGEMENT
☐ N4531C ▪ NT4531C ■ L4531C 	connected socket module - wiring to a power outlet, allows to remotely control appliances and check the consumption (instantaneous, daily, monthly). It is also possible to receive notifications in case of anomalous consumption. The connected socket module is compatible with any device electric and large appliances up to 16 A 3680 W max. (protected against overloads). It is equiped with a LED light lit in blue when it is on. This option can be enabled or disabled in the "Home+Control" app. It can be associated with "wireless light switches". Power supply 110-230 Va.c. - 1 module
○ FC80GCS	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 Va.c. - 1 DIN module

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

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

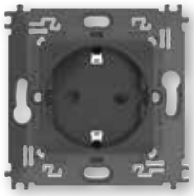
HOME + CONTROL

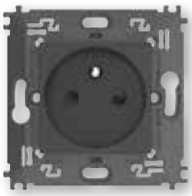
SMART ELECTRICAL SYSTEM

Connected sockets

4142PC

4141PC


L4141AC


L4142AC

Item	CONNECTED PLUG&PLAY SOCKETS
	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 Va.c.
○ 4141PC	Shuko standard socket
○ 4142PC	French / Belgian standard socket

Item	CONNECTED SOCKETS
□ N4141AC ■ NT4141AC ■ L4141AC	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). 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 Va.c.
□ N4142AC ■ NT4142AC ■ L4142AC	As above French/belgian standard socket

Items in red colour: New products

NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TRADITIONAL ELECTRICAL SYSTEM

USB chargers

N4285C1

L4285C2

N4286C2

NT4287C2

LN4285CW2

Socket outlets German standards

N4141AN

L4141MA

L4141MAP

Item		USB CHARGER
☐ N4285C1 ■ NT4285C1 ■ 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
☐ N4285C2 ■ NT4285C2 ■ L4285C2		5 Vdc USB charger for quick charge of one single electronic device (mobile phones, smartphones, tablets or similar) up to 3,000 mA or simultaneous charging of two devices up to 1,500 mA – 110-230 Va.c. DIRECT power supply 50-60 Hz
☐ N4286C1 ■ NT4286C1 ■ 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
☐ N4286C2 ■ NT4286C2 ■ 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
☐ N4287C2 ■ NT4287C2 ■ 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
		INDUCTION AND USB CHARGER
○ 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
N4141USB NT4141USB 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.

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

TRADITIONAL ELECTRICAL SYSTEM

Socket outlets

French standards

NT4143

NT4142

LN4142AN

L4142

L4146

L4141V

NT4145

LN4142MA

L4942N

L4142AN

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

Item		FRENCH STANDARD (AUTOMATIC CLAMPS)
○ LN4142AN		2 P+E 16 A 250 Va.c. socket - neutral finish to be completed with front cover L4942S, N4942S, NT4942S
☐ N4942S ■ NT4942S ■ L4942S		front cover for sockets LN4142AN
○ LN4142MA		2P + E 250 Va.c. socket monobloc - neutral finish to be completed with front cover L4942N, N4942N, NT4942N
☐ N4942N ■ NT4942N ■ L4942N		front cover for sockets LN4142MA
☐ 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

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Socket outlets
Euro-American and British standards

N4129S

N4150

NT4125

NT4126

L4185

NT4128

NT4188

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

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

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

BS SOCKET OUTLET ITEM N/NT/L4150 INSTALLATION

WRONG INSTALLATION

4-module cover plate

CORRECT INSTALLATION

7-module cover plate

NOTE: ☐ **White** colour device ▪ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TRADITIONAL ELECTRICAL SYSTEM

Socket outlets - Different international standards

N4132

NT4132

NT4183

L4139

L4122ET

L4164/12

Item		
		AUSTRALIAN STANDARD
☐ N4132 ▪ NT4132 ■ L4132		2 P+E 10 A 250 Va.c. socket - safety socket, shuttered and auto switched - 2 modules
☐ N4133 ▪ NT4133 ■ L4133		2 P+E 15 A 250 Va.c. socket - safety socket, shuttered and auto switched - 2 modules
		BRAZILIAN STANDARD
☐ N4165S ■ L4165S		10 A socket with unshielded tulip contacts - 1 module
☐ N4166S ■ L4166S		20 A socket with unshielded tulip contacts - 1 module
		SHAVER SOCKETS
☐ N4177* ▪ NT4177 * ■ L4177*		shaver socket with insulating transformer - input voltage 230V a.c. 50/60Hz - output voltage 115/230V a.c. 20VA - 3 modules)
☐ N4177/127* ■ L4177/127*		as above - input voltage 127V a.c.

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

		EGYPTIAN STANDARD
☐ N4122ET ▪ NT4122ET ■ L4122ET		2 P 10 A 250 Va.c. socket - contact tubes Ø 4 - 4.8 mm - centre line of holes 19 mm - 1 module
		SWISS STANDARD
☐ N4164/13 ▪ NT4164/13 ■ L4164/13		2 P+E 10 A 250 Va.c. socket - 2 modules
		ISRAELI STANDARD
☐ N4183 ▪ NT4183 ■ L4183		2 P+E 10/16 A 250 Va.c. socket - 2 modules
		MULTISTANDARD
☐ N4139 ▪ NT4139 ■ L4139		2 P+E 5/6/10/13 A 250 Va.c. and 127 Va.c. socket - multistandard - 2 modules

RJ connectors

N4261AT5
N4261AT6

NT4262C5E
N4262C6

L4279C5E
L4279C6

L4262C6S

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
☐ N4279C5E ▪ NT4279C5E ■ L4279C5E		5E UTP	TOOLLESS IDC
☐ N4279C5F ▪ NT4279C5F ■ L4279C5F		5 FTP	TOOLLESS IDC
☐ N4279C6 ▪ NT4279C6 ■ L4279C6		6 UTP	TOOLLESS IDC
☐ N4279C6F ▪ NT4279C6F ■ L4279C6F		6 FTP	TOOLLESS IDC
☐ N4279C6S ▪ NT4279C6S ■ L4279C6S		6 STP	TOOLLESS IDC
☐ N4279C6A ▪ NT4279C6A ■ L4279C6A		6A STP	TOOLLESS IDC
☐ N4262C5E ▪ NT4262C5E ■ L4262C5E		5E UTP	110 IDC
☐ N4262C6 ▪ NT4262C6 ■ L4262C6		6 UTP	110 IDC
☐ N4262C6S ▪ NT4262C6S ■ L4262C6S		6 STP	110 IDC
☐ N4261AT5 ▪ NT4261AT5 ■ L4261AT5		5E UTP	110 IDC
☐ N4261AT6 ▪ NT4261AT6 ■ L4261AT6		6 UTP	110 IDC

NOTE: ☐ **White** colour device ▪ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TV - FM - SAT sockets

LN4214D

LN4214M2D

LN4202D

LN4202M2D

LN4210M2D

S2133

LN4202P14

LN4202P10

LN4202F

Item		STAR TV/SAT DEMIXED SOCKET
○ LN4214D		Star demixed coaxial socket for single-user aerial systems, also remote powered and shunting centralised, and for single-user /shunting centralised satellite systems with current and signal transfer for channels selection; Ø 9.5 mm male TV connector - type F SAT connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module
○ LN4214M2D		as above - 2 modules

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

		STAR TV/R/SAT DEMIXED SOCKET
○ LN4210M2D		Star demixed coaxial socket for single-user aerial systems, also remote powered and shunting centralised, and for single-user /shunting centralised satellite systems with current and signal transfer for channels selection, and for radio systems; Ø 9.5 mm male TV connector - type F SAT connector and female radio Ø 9,5 mm - supplied in package with common mechanism and front covers in different aesthetic finishes - 2 modules

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

		TV-RD SOCKET FOR CABLE OPERATOR
○ LN4211M2C		Double coaxial shunted socket for TV and FM-LMC reception - Ø 9.5mm - Belgium (Telenet operator) - 2 modules

		PLUG
		Plugs, mobile TV jacks and terminal resistance
○ S2133		Mobile TV plug and jack - Ø 9.5 mm - white - for TV + SAT jacks and N/NT4206D
○ 75RTN		Terminal resistance for line closing 75Ω impedance in installations with cascade connection - to be added to the last pass-through jack

Item		STAR TV SOCKET
○ LN4202D		Star coaxial socket for single-user aerial systems, also remote powered and centralised, and single-user / centralised satellite systems with current and signal transfer for channels selection; shielded connection clamps with captive screws - Ø 9.5 mm; male connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module
○ LN4202M2D		as above - 2 modules

		PASSTHROUGH TV SOCKET
○ LN4202P14		Passthrough coaxial socket, -14dB attenuation, for centralised TV systems, also remote powered, and centralised satellite systems with current and signal transfer for channels selection - shielded connection clamps with captive screws - Ø 9.5 mm; male connector - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

		TERMINAL TV SOCKET
○ LN4202P10		Terminal coaxial socket, -10dB attenuation, for centralised TV systems, also remote powered, and centralised satellite systems with current and signal transfer for channels selection; shielded connection clamps with captive screws - Ø 9,5 mm - male connector - incorporated impedance final adapter 75 Ω - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

		TYPE-F SAT SOCKET
○ LN4202F		Type-F coaxial socket - impedance 75 ohm - screw hook - supplied in package with common mechanism and front covers in different aesthetic finishes - 1 module

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

TRADITIONAL ELECTRICAL SYSTEM

Telephone connectors, data and special sockets

N4258/11N

N4237

NT4268ST

NT4268LC

NT4285

L4269R

L4284

N4294

Item		RJ11 - RJ12 TELEPHONE CONNECTORS	
		These connectors have been designed for meeting the requirements of telephone connections.	
		Jack type	Connectione type
☐ N4258/11N ■ NT4258/11N ■ L4258/11N		RJ11	K10
(1) Connection type 110			

		TELEPHONE SOCKETS
☐ N4237 ■ NT4237 ■ L4237		telephone socket - Belgian standard - 1 module
☐ N4238 ■ NT4238 ■ L4238		telephone socket - Israeli standard without shutter - 1 module
☐ N4238M ■ NT4238M		master telephone socket UK standard - 1 module
☐ N4238S ■ NT4238S		secondary telephone socket UK standard - 1 module

		CONNECTORS FOR OPTICAL FIBER CONNECTIONS
☐ N4268ST ■ NT4268ST ■ L4268ST		coupling connector for optical fiber - ST cable socket - duplex - 1 module
☐ N4268SC ■ NT4268SC ■ L4268SC		coupling connector for optical fiber - SC cable socket - duplex - 1 module
☐ N4268LC ■ NT4268LC ■ L4268LC		connector for fiber - optic cable sealing and type LC - duplex - 1 module

Item		AUDIO VIDEO CONNECTORS
☐ N4269R ■ NT4269R ■ L4269R		double RCA connector – red and yellow collars – terminations to be welded - 1 module
☐ N4294 ■ NT4294 ■ L4294		connector for loudspeakers - 1 module
☐ N4280 ■ NT4280 ■ L4280		connector - jack 3.5 - 1 module
☐ N4281 ■ NT4281 ■ L4281		connector - RCA x 2 - 1 module
☐ N4282 ■ NT4282 ■ L4282		connector - HD15 - 2 modules
☐ N4283 ■ NT4283 ■ L4283		RCA x 3 connector - 2 modules
☐ N4284 ■ NT4284 ■ L4284		pre-connected HDMI 2.0 connector - 2 modules

		DATA CONNECTOR
☐ N4285 ■ NT4285 ■ L4285		USB connector - 1 module

		SPECIAL CONNECTORS
☐ N4291 ■ NT4291 ■ 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

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Audible signalling devices

N4351/12

NT4355/12

L4357/12

Luminous signalling devices

L4371V

N4371R

L4385/..

L4374V12V24

Item		BELLS
☐ N4351/12 ▪ NT4351/12 ■ L4351/12		bronze bell 12 Va.c. - 5 VA - 80 dB - 1 module
☐ N4351/230 ▪ NT4351/230 ■ L4351/230		bronze bell 230 Va.c. - 8 VA - 80 dB - 50 and 60 Hz - 1 module
☐ N4351/127 ▪ NT4351/127 ■ L4351/127		bronze bell 127 Va.c. - 8 VA - 80 dB - 1 module
☐ N4355/12 ▪ NT4355/12 ■ L4355/12		electronic bell - 3 different sounds - with front volume adjustment - 12 Va.c./d.c. - 2 modules
		BUZZERS
☐ N4356/12 ▪ NT4356/12 ■ L4356/12		buzzer 12 Va.c. - 5 VA - 74 dB - 1 module
☐ N4356/230 ▪ NT4356/230 ■ L4356/230		buzzer 230 Va.c. - 8 VA - 75 dB - 50 and 60 Hz - 1 module
☐ N4356/127 ▪ NT4356/127 ■ L4356/127		buzzer 127 Va.c. - 8 VA - 75 dB - 1 module

Item		PILOT LIGHTS
☐ N4371T ▪ NT4371T ■ L4371T		lampholder with transparent diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
☐ N4371R ▪ NT4371R ■ L4371R		lampholder with red diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
☐ N4371V ▪ NT4371V ■ L4371V		lampholder with green diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
☐ N4372AV ▪ NT4372AV ■ L4372AV		double lampholder with 2 diffusers: 1 orange + 1 green - for 2 LED items LN4742V12T, LN4742V127T and LN4742V230T - 1 module
		OFF-DOOR LIGHT UNITS (WITH LAMP)
		Note: for all models we recommend a mounting height between 160 and 205 cm (wall protrusion 52 mm)
■ L4385/12R ■ L4385/12V ■ L4385/12B		power supply 12 V - red (R), green (V), white (B) - 1 module
■ L4385/24R ■ L4385/24V ■ L4385/24B		power supply 24 V - red (R), green (V), white (B) - 1 module
■ L4385/230R ■ L4385/230V ■ L4385/230B		power supply 230 V - red (R), green (V), white (B) - 1 module
○ L4745/12		spare lamp E10 12 V - 5 W
○ L4745/24		spare lamp E10 24 V - 5 W
○ L4745/230		spare lamp E10 230 V - 5 W
		SIGNALLING LAMP
○ L4374V12V24		signalling lamp with white light LED - 12/24 Va.c. - 2 modules
○ L4374/230		signalling lamp with white light LED - 230 Va.c. - 2 modules

TRADITIONAL ELECTRICAL SYSTEM

Lighting devices and emergency lamps

LN4380N

LN4361

L4382/230

NT4362

Item	REMOVABLE LAMP
○ LN4380N	Pull-out and rechargeable torch with automatic switching on device. - It lights up automatically when there is a power cut - push&pull pull-out system complete with recharge base - white light LED with high luminous efficiency - ON/OFF switch and SPOT pushbutton to increase the brightness when necessary - interchangeable Ni-MH batteries without "memory" effect - 2 hour life - low consumption in stand-by 0.4 W - 230 Va.c. power supply - 2 modules. Supplied with neutral base and front cover plates in white, tech, anthracite colours
○ 4380NB	spare batteries for removable torch

	STEP MARKER LAMPS
○ L4382V12V24	Step marker lamps with white light LEDs - 12 - 24 Vac - on-off switch- 0.6 W at 12 Va.c. - 0.8 W at 24 Va.c.
○ L4382/230	Step marker lamps with white light LEDs - 230 Vac - on-off switch - 0.5 W

Items conform to BS EN 62 094-1

	ROTATING LAMP 360°
○ LN4360	It is installed above a work place (kitchen, bedroom, desk ...) - Can be oriented by 360° for best lighting of the zone required - It can be controlled by a standard switch or an electronic switch without neutral, by a dimmer or an automatic switch with neutral - LED lamps - Consumption 2.8W - Luminous flux 70 lumen - life: approx. 50.000 hours - 2 modules - Supplied with neutral base and front cover plates in white, tech, anthracite colours

	DIRECTIONAL STEPMARKER
○ LN4361	Allows you to create directional and decorative lighting. We recommend installation at 30 cm from the floor - It can be controlled by a standard switch or an electronic switch without neutral, by a dimmer or an automatic switch with neutral - LED lamp - Consumption 2.2W - Luminous flux 70 lumen - life: approx. 50.000 hours - 2 modules. Supplied with neutral base and front cover plates in white, tech, anthracite colours

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

Emergency lamps

L4384/1

LN4381

L4784/1 - L4784/3

L4386/1

	EMERGENCY LIGHTS
○ L4384/1	emergency light with automatic activation in case of power cut – voltage present notification LED - local disabling pushbutton - possibility of remote exclusion through a switch - rechargeable and replaceable nickel-cadmium battery - 1 h life - power supply 230 Va.c. - lamp power 1 W - 4 modules
○ L4386/1	emergency light as above - 1 h life - lamp power 1.3 W - 6 modules
○ LN4381	LED safety lamp with automatic operation when there is a power cut. 230 Va.c. 50/60 Hz – power consumption 2.5 VA (0.1 W) – rechargeable non-replaceable NiMH 3.6 V 140 mAh battery – complete charge in 48 hours - life 2 hours - maximum cable section 1 x 1.5 mm2 - 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

□ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Electrical safety devices

N4301/6

N4305/6

L4356

L4311/10
L4311/16

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

Blank plates and fuses

N4950

NT4955/20

L4951

Item		BLANK PLATES
☐ N4950 ■ NT4950 ■ L4950		blank plate - 1 module
☐ N4951 ■ NT4951 ■ L4951		blank plate with knockout - 2 modules
☐ N4952 ■ L4952		blank plate with clamp - 1 module
☐ N4953 ■ NT4953 ■ L4953		blank plate with output Ø 9 mm - 1 module
☐ N4954 ■ NT4954 ■ L4954		blank plate with output Ø 9 mm - with clamp - 2 modules
		FLEX OUTLETS
		Items conform to BS 5733
☐ N4955/20 ■ NT4955/20		- 20 A flex outlet frontplate unfused
☐ N4955/45 ■ NT4955/45		- 45 A flex outlet frontplate unfused
		SCREW COVERING SEALS
☐ N4750		screw covering seals for device-holder supports item LN4719, LN4703
		CARTRIDGE FUSES
○ T/...		4-6-10-16-20 A - 400 V - breaking capacity 50 KA ceramic body -ø 8.5x31.5 mm
○ T1/...		4-6-10 -16-20-25 A - 400 V - breaking capacity 50 KA ceramic body - ø 9x36 mm
○ T0/...		2-4-6-10-16A - 250V - breaking capacity 1.5KA ceramic body for home series devices - Ø 6x28 mm
To be used with N4322, NT4322, L4322 fuse carrier **NOTE:** specify in the order the desired rated current		

NOTE: AX = corrente per lampade ad incandescenza e fluorescenti

☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TRADITIONAL ELECTRICAL SYSTEM

Hotel offer range

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

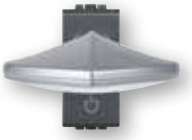
- comfort devices = light, curtain, and scenario controls with dedicated symbols. Also, thermostats, and temperature probes with knobs
- audio and video devices = connectors for every need, and sound signalling devices
- safety devices = step lights, and emergency lamps

LN4549

N4547

L4177

N4033


L4362

NT4915DD

NT4915MR

N4373H

N4028H

L4285C2

BADGE-HOLDER POCKET

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

FRONT COVERS FOR BADGE-HOLDER POCKETS

☐ N4547 ■ NT4547 ■ L4547		Front cover for traditional badge-holder pocket or MyHOME - SCS - 2 modules
☐ N4551 ■ NT4551 ■ L4551		Front cover for traditional badge-holder pocket or MyHOME - SCS - 3 modules

KEY COVER WITH SYMBOLS

☐ N4915DD ■ NT4915DD ■ L4915DD		do not disturb
☐ N4915MR ■ NT4915MR ■ L4915MR		rearrange the room
☐ N4915M2DD ■ NT4915M2DD ■ L4915M2DD		do not disturb - 2 modules

MAKE UP THE ROOM - DO NOT DISTURB

☐ N4373H ■ NT4373H ■ L4373H		off-door lampholder with double optical signalling: DO NOT DISTURB - MAKE UP ROOM - 230V built in LEDs
☐ N4028H ■ 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

KEY COVERS THAT CAN BE CUSTOMISED WITH DIFFUSERS

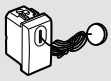
Item		
☐ N4915TN ■ NT4915TN ■ L4915TN		keycover for rocker controls, customizable with lightable diffusers
☐ N4915SETBL ■ NT4915SETBL ■ L4915SETBL		kit of 50 diffusers bed light symbol

SHAVER SOCKETS

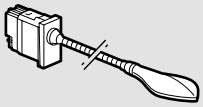
☐ N4177* ■ NT4177 * ■ L4177*		shaver socket with insulation transformer - input voltage 230 Vac @ 50/60 Hz - output voltage 115/230 Vac 20 VA

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

CORD PUSHBUTTON

☐ N4033 ■ NT4033 ■ L4033		cord pushbutton 1 P NO 10 A for bathroom alarm

DIMMER READING LAMP

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

USB CHARGERS

☐ N4285C ■ NT4285C ■ L4285C		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
☐ N4285C2 ■ NT4285C2 ■ 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 1,200 mA - 110÷230 Vac 50÷60 Hz power supply

Items in red colour: New products

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

LEDs for controls and pilot lights

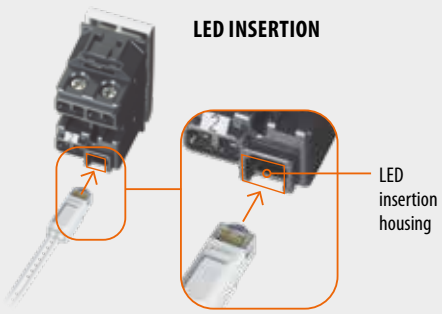
LN4742V12T

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 INSERTION



LED SELECTION TABLE FOR DEVICE LIGHTING

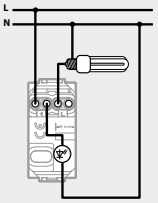
Lightable devices		LEDs for lighting
Rocker control devices		
Screw clamps		
1 module	2 modules	
L4001/0		
L4003/0		
LN4004		
L4005/0		
N/NT/L4001N	N/NT/L4001M2N	
N/NT/L4003N	N/NT/L4003M2N	
N/NT/L4004N	N/NT/L4004M2N	**LN4742V12 (12/24 V)**
N/NT/L4005N	N/NT/L4005M2N	**LN4742V127 (127 V)**
N/NT/L4002N	N/NT/L4002M2N	**LN4742V230 (230 V)**
N/NT/L4044N	N/NT/L4044M2N	
		LN4742V12V (12/24 V)
Automatic clamps		**LN4742V127V (127 V)**
1 module	2 modules	**LN4742V230V (230 V)**
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	**LN4743/230T (230 V)**
N/NT/L4053A	N/NT/L4053M2A	**LN4743/230V (230 V)**
N/NT/L4054A	N/NT/L4054M2A	**LN4743/12T (12 V)**
N/NT/L4055A	N/NT/L4055M2A	
		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

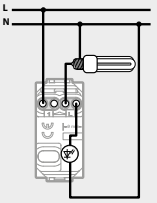
CONTROL BACKLIGHTING LED CONNECTION

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

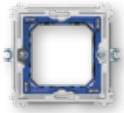


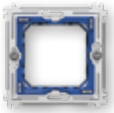
NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

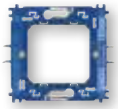
TRADITIONAL ELECTRICAL SYSTEM

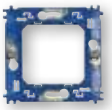
Supports

2 MODULE AREA


LN4702MG

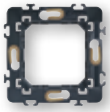

LN4702M

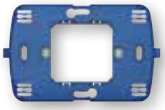

LN4702G

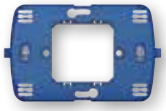

LN4702

3 MODULE AREA

L4702G


L4702


LN4719G*

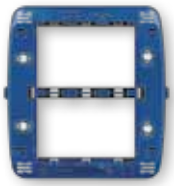

LN4719*

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

LN4703

LN4704

LN4707

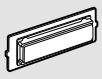

LN4726

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

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

LN4782

LN4783

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

MATCHING TABLE BETWEEN SUPPORTS AND PROTECTION SHEATH

	Support Item	Protection sheath to outfit	Protection sheath item
Livinglight	LN4702MG	YES	
	LN4702M	YES	
	LN4702G	NO	LN4782
	LN4702	NO	LN4782
	L4702G	NO	
	L4702	NO	
	LN4719G	NO	
	LN4719	NO	
	LN4703	NO	LN4783
	LN4704	NO	LN4784
	LN4707	NO	LN4787
	LN4726	NO	LN4786

Items in red colour: New products

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

TRADITIONAL ELECTRICAL SYSTEM

Supports

2 MODULE AREA

LN4702E

3 MODULE AREA

LN4702C

LN4703C

LN4704C

LN4707C

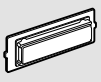
LN4726C

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

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

LN4783C

LN4784C

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

MATCHING TABLE BETWEEN SUPPORTS AND PROTECTION SHEATH

	Support Item	Protection sheath to outfit	Protection sheath item
Livinglight AIR	**LN4702E**	YES	
	LN4702C	NO	
	LN4703C	NO	**LN4783C**
	LN4704C	NO	**LN4784C**
	LN4707C	NO	**LN4787C**
	LN4726C	NO	

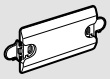
Accessories

503CG

503EV

503DE

503ED

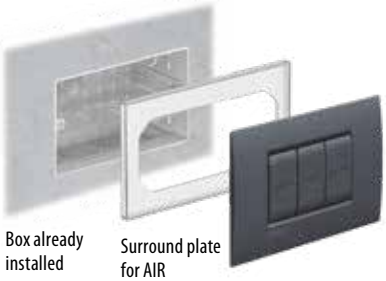
		ACCESSORIES
○ **503CG**		protecting cover for flush mounted box item 503E - can be used during finishing plastering works
○ **503EV**		resin internal divider for boxes item 503E - for the separation of data and power circuits
○ **503EC**		front cover for flush mounted box item 503E - for closing when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

		ACCESSORY FOR HOLLOW MILLING CUTTER
○ **PBD68**		disk-type cutter for the installation of plasterboard boxes

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

3 module area installation system accessories

Box extension



Box already installed

Surround plate for AIR

LIVINGLIGHT AIR

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

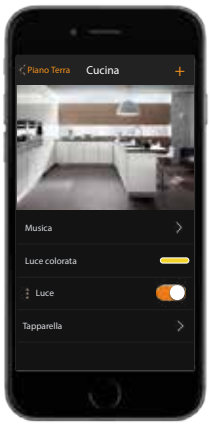
These adapters may be used when installing the box. They make wiring easier in case of several cables inside the same box, or for particularly deep devices.

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	□ **N4402N** ■ **NT4402N** ■ **L4402N**
	1 module resistive dimmer	□ **N4406** ■ **NT4406** ■ **L4406**
	10 A 1 module axial pushbutton + MH BASIC interface	□ **N4055A** ■ **NT4055A** ■ **L4055A**
	10 A 2 module axial pushbutton + MH BASIC interface	□ **N4055M2A** ■ **NT4055M2A** ■ **L4055M2A**
	230 Va.c. shaver socket	□ **N4177** ■ **NT4177** ■ **L4177**

		SURROUND PLATES FOR LIVINGLIGHT AIR (3 MODULE INSTALLATION SYSTEM)
		In case of refurbishment using existing boxes (with minimum depth 50 mm) **the box extension cannot be used**. The following is therefore recommended:
○ **503ESC**		surround plate for the installation of LIVINGLIGHT AIR on existing 503E flush mounted box
○ **504ESC**		surround plate for the installation of LIVINGLIGHT AIR on existing 504E flush mounted box
○ **506LSC**		surround plate for the installation of LIVINGLIGHT AIR on existing 506L flush mounted box
○ **506ESC**		surround plate for the installation of LIVINGLIGHT AIR on existing 506E flush mounted box

LIVINGLIGHT MyHOME_Up



Thanks to MyHOME_Up technology, it is possible to design electric systems with new more advance performances in terms of comfort, safety, energy saving, audio/video communication, local or remote control.
LIVINGLIGHT MyHOME_Up is based on the use of one single system technology, the digital Bus, which can be applied in all residential solutions. The system can be expanded at any time and can be integrated with systems and devices with different communication protocols.

MyHOME_UP SYSTEM

Integration and control

MyHOMEServer1

3488

F429

Item	CONTROL SERVER USING THE APP
○ **MyHOMEServer1**	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.

	MyHOMEServer1 KIT
○ **MHSERVERKIT**	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.

Note: For the details of the products managed by MyHome_Up and the compatible products, see the corresponding guide.

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

	BOX FOR FLUSH MOUNTED INSTALLATION
○ **3487**	box for flush mounted installation of the HOMETOUCH Touch screen item 3488 and 3488W. Width 197 mm, height 148 mm and depth 52 mm.
○ **3487AP**	support for flush mounted installation on plasterboard walls of the HOMETOUCH Touch screen item 3488 and 3488W.

Item	SCS/DALI INTERFACE
○ **F429**	DALI dimmer, 8 independent outputs with maximum load 16 ballast at 230 Vac, pushbutton for load direct control - 6 DIN modules

	DRIVER MANAGER
○ **F459**	integration platform with other brand systems - 6 DIN modules

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

NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Lights and shutter automation

L4652/2

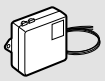
L4652/3

L4680

F428

F425

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

Item		SCENARIO CONTROL
□ **N4680** ■ **NT4680** ■ **L4680**		customisable scenario control for the activation of up to 4 Automation, Temperature Control and Sound System independent scenarios saved in the F420 scenario module - 2 modules.
○ **LN4652**		8-KEY control for light management, shutter automation, sound system and scenarios - SCS-BUS connection - sizes: 2 modules
		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.
○ **3541**		black
○ **3542**		white
		HOME-AUTOMATION HINGE
○ **4911TDM**		accessory for the installation of 2-module key covers on devices installed in 503E box
		CONTACT INTERFACE
○ **3477**		basic module control interface with 2 independent contacts for the control of 2 actuators for single function loads, or 1 actuator for double function loads (shutters) – the inputs accepts two traditional switches or pushbuttons with NO and NC contact, or a traditional two-way switch, or interlocked pushbuttons
○ **F428**		as above - 2 DIN modules
		MEMORY MODULE
○ **F425**		module for saving the status of the actuators - to reset the light Automation system in case of blackout - 2 lowered DIN modules

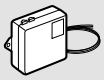
NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Lights and shutter automation

LN4672M2

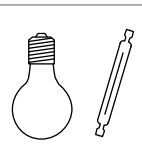
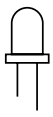
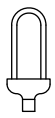
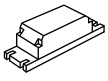
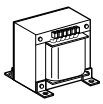
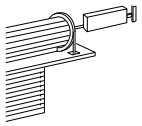
3476

Item	LIGHT AND SHUTTER CONTROL/ACTUATOR
○ **LN4672M2**	actuator/control with 2 independent relays - for single, double or mixed loads: 1380 W resistive, 1380 W incandescence lamps, 460 W for reducer motors, 460 VA cosφ 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.

	LIGHT CONTROL/ACTUATOR
○ **3476** 	1 relay actuator - for single loads: 2 A resistive or incandescence lamps, 2 A cosφ 0.5 for ferromagnetic transformers - a traditional pushbutton with NO contact accepted in input

Item	SHUTTER CONTROL/ACTUATOR
○ **LN4661M2**	2 module flush mounted actuator with 2 internal relays and 4 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the actuator also places the shutter in a stored (PRESET) position. To be combined with control devices LN4660M2

LOADS THAT CAN BE DRIVEN (230 Va.c. 50/60 Hz)

Actuators	Type						
							
	Energy saving incandescence and halogen lamps	LED lamps	Linear fluorescent lamps [1]	Compact fluorescent lamps	Electronic transformers [3]	Ferromagnetic transformers [2] [3]	Reducer motors for shutters [4]
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 cosφ 0,5 460 VA	- -
LN4661M2	-	-	-	-	-	-	2 A 250 Va.c.

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

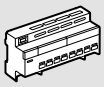
F411U2

F411/4

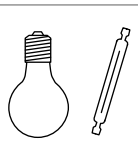
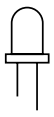
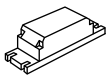
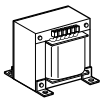
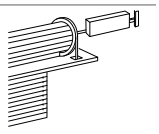
BMSW1003

F401

Item	ACTUATORS FOR CENTRALISATIONS
○ **F411U2**	actuator with 2 independent relays – for single and double loads: 10 A resistive and 6 A incandescence lamps, 500 W for reducer motors, 2 A cosφ 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 cosφ 0,5 for ferromagnetic transformers and 70 W for fluorescent lamps - logic relay interlock via configuration - 2 DIN modules

Item	ACTUATORS FOR CENTRALISATIONS
○ **BMSW1003**	ON/OFF actuator, 4 independent outputs with maximum load 16 A at 230 Va.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, pushbuttons for load direct control - zero-crossing function - 6 DIN modules
○ **BMSW1005** 	ON/OFF actuator, "Zero Crossing" technology, 8 independent outputs with maximum load 16 A at 230 V a.c., clamp connection, IP20 protection index, power supply100/240 V a.c. 50/60 Hz, pushbuttons for load direct control - 10 DIN modules
○ **F401**	actuator with 2 internal relays and 4 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the actuator also places the shutter in a stored (PRESET) position - 2 DIN modules

LOADS THAT CAN BE DRIVEN (250 Va.c. 50/60 Hz)

Actuators	Type						
	 Energy saving incandescence and halogen lamps	 LED lamps	Linear fluorescent lamps [1]	Compact fluorescent lamps	 Electronic transformers [3]	 Ferromagnetic transformers [2] [3]	 Reducer motors for shutters [4]
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 cosφ 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 cosφ 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 Va.c.

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

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

F413N **BMDI1002** **F429** **F416U1** **F418U2**

Item	DIMMERS FOR CENTRALISATIONS
○ **F413N**	1-output dimmer to supply fluorescent lamps or LED sources with input 1-10 V for single loads up to 2.5 A at 230 Va.c. – type of screw connection - power supply 27 Vd.c. – absorption 30 mA – max 10 ballast that can be connected (clamps 1-2) - with pushbutton for load direct control - version for fastening on DIN rail - 2 modules
○ **BMDI1002**	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 supply100/240 V a.c. 50/60 Hz, pushbuttons for load direct control - 10 DIN modules
○ **F429**	DALI dimmer with 8 independent outputs for the connection of up to 16 DALI reactors for each output – 230 V a.c. power supply 50/60 Hz; 110 - 240 Vd.c. – absorption 5 mA - with pushbutton for load direct control - version for fastening on DIN rail - 6 modules

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

LOADS THAT CAN BE DRIVEN (230 Va.c. 50/60 HZ)

Actuators	Type						
	Energy saving incandescence and halogen lamps	LED lamps	Linear fluorescent lamps [1]	Compact fluorescent lamps	Electronic transformers [3]	Ferromagnetic transformers [2] [3]	Reducer motors for shutters [4]
BMDI1002	Dimmer for ballast - 4 x 4.3 A outputs - 4x 1000VA@ 230 Vac - 4x500VA@ 230 Vac						
F413N	- -	- -	2 A 460 W [5] 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 x16 ballast						

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

NOTE: ○ Neutral item

Light sensor

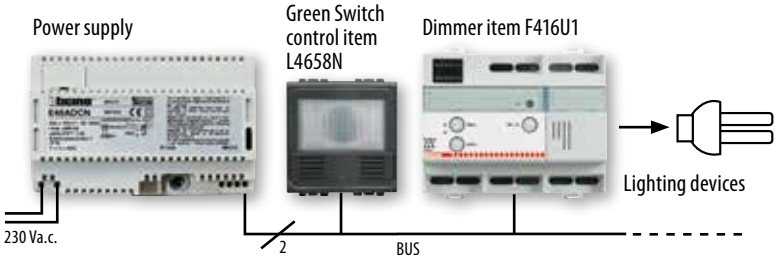
L4658N

N4659N

Item	PIR+US DOUBLE TECHNOLOGY GREEN SWITCH
☐ N4658N ▩ NT4658N ■ L4658N	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 (BMSO4001/ BMSO4003) configuration remote control; physical or virtual configuration. 2 modules

Item	PIR PASSIVE INFRARED GREEN SWITCH
☐ N4659N ▩ NT4659N ■ L4659N	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 (BMSO4001/ BMSO4003) configuration remote control; physical or virtual configuration. 2 modules

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.

NOTE: ☐ **White** colour device ▩ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Light sensor

BMSE3001

BMSE3003

0 488 34

BMSO4001

BMSO4003

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

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

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

FEATURES OF THE LIGHTING/MOVEMENT SENSORS

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

NOTE: ○ Neutral item

Temperature control

LN4691

N4693

3454

Item		PROBE WITH DISPLAY
○ **LN4691**		flush mounted device with backlit display. It can be used to control the temperature of an individual zone, irrespective of a temperature control central unit being installed as part of the system or not. It has a temperature probe and an input for the connection of a contact line (e.g. window contact). It can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used. Possibility of automatic operation (summer/winter) with compatible systems. bus SCS connection – 2 modules.
		SLAVE PROBE
□ **N4693** ■ **NT4693** ■ **L4693**		probe to control the room temperature for heating and cooling systems – temperature measurement range 3–40 °C - 2 modules

Item		PROBE WITHOUT DISPLAY
○ **3454**		temperature probe in basic module with wired sensor - to be associated to the temperature sensor item 3457 and Vantage probe item 8051
		ACCESSORIES
○ **3457**		temperature probe to be associated to the probe item 3454
		ACTUATORS
○ **F430/2**		actuator with 2 independent relays – for single and double loads: 6 A resistive, 2A motor driven valves and pumps - configuration based logic relay interlock - 2 DIN modules
○ **F430/4**		actuator with 4 independent relays - for single, double or mixed loads: 4 A resistive, 1 A motor driven valves, pumps and fan coils - configuration based logic relay interlock - 2 DIN modules
○ **F430R8**		actuator with 8 independent relays for the control of on-off valves, motorised valves (open-close and three points), pumps and fan coils with 2 and 4 tubes - 4A resistive, 1A motor valves, pumps and fan-coils- SCS-bus connection - 4 DIN modules
○ **F430R3V10**		actuator with 3 independent relays and 2 x 0-10 Volts outputs for the control of fan coils with 2 and 4 tubes with proportional 0-10 Volt valves - 4A resistive, 1A fan coil - SCS-BUS connection - 4 DIN modules
○ **F430V10**		actuator with 2 x 0-10 Volt outputs for the control of 0-10 proportional valves - SCS-BUS connection - 2 DIN modules

NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Energy Management

3523

F521

F522

F523

N4672N

3508BUS

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

		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.
○ **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.
○ **F523**		1 relay actuator - for incandescence lamps and 4 A for fluorescent lamps or ferromagnetic transformers, and 500 W for compact fluorescent and LED lamps - bistable relay with zero crossing for the Automation and/or Load control management functions. Version for fastening on DIN rail - 1 module.

Item		LOAD CONTROL MANAGEMENT
□ **N4672N** ■ **NT4672N** ■ **L4672N**		1 relay actuator - 10 A for incandescence lamps and 4 A for fluorescent lamps or ferromagnetic transformers, and 500 W for compact fluorescent and LED lamps for the Automation and/or Load control management functions. Pushbutton for forced load operation - flush mounted version - 2 modules

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

NOTE: □ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

Common accessories and devices

E46ADCN

E49

L4669
L4669/500

336904

Item		POWER SUPPLIES
○ **E46ADCN**		power supply - input 230 Va.c. output 27 Vd.c. SELV - maximum absorbed current 450mA - installation on DIN profile for flush mounted or wall-mounted switchboards - 8 DIN modules
○ **E49**		compact power supply - input 230 Va.c. - output 27 Vd.c. Maximum current delivered 600 mA - 2 DIN modules.
		VARIOUS ACCESSORIES
○ **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

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
☐	N4915LN	N4915M2LN
■	NT4915N	NT4915M2N
■	L4915N	L4915M2N

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

1-FUNCTION SILK-SCREEN PRINTED KEY COVERS

NT4915AN

NT4915M2ADN

NT4915MR

SILK-SCREEN PRINTED KEY COVERS WITH SYMBOLS - 1 FUNCTION

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

2-FUNCTION SILK-SCREEN PRINTED KEY COVERS

NT4911AHN

NT4911AIN

SILK-SCREEN PRINTED KEY COVERS WITH SYMBOLS - 2 FUNCTIONS

Description		1 module Item	2 modules Item
ON - OFF - GEN	☐	N4911AFN	N4911M2AFN
	■	NT4911AFN	NT4911M2AFN
	■	L4911AFN	L4911M2AFN
ON - OFF	☐	N4911AGN	N4911M2AGN
	■	NT4911AGN	NT4911M2AGN
	■	L4911AGN	L4911M2AGN
UP - DOWN	☐	N4911AHN	N4911M2AHN
	■	NT4911AHN	NT4911M2AHN
	■	L4911AHN	L4911M2AHN
ON - OFF ADJUSTMENT	☐	N4911AIN	N4911M2AIN
	■	NT4911AIN	NT4911M2AIN
	■	L4911AIN	L4911M2AIN
+ up and – down	☐	N4911ADN	—
	■	NT4911ADN	—
	■	L4911ADN	—

CUSTOMISABLE LIVINGLIGHT KEY COVERS WITH DIFFUSERS, AVAILABLE IN KIT

1 FUNCTION

Customisable with 1 diffuser

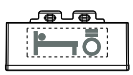
2 FUNCTIONS

Customisable with 2 diffusers

CUSTOMISABLE KEY COVERS

Description		1 module Item	2 modules Item
1 FUNCTION CUSTOMISABLE KEY COVER WITH 1 DIFFUSER*	☐	N4915TN	N4915M2TN
	■	NT4915TN	NT4915M2TN
	■	L4915TN	L4915M2TN
2 FUNCTION CUSTOMISABLE KEY COVER WITH 2 DIFFUSERS*	☐	N4911TN	N4911M2TN
	■	NT4911TN	NT4911M2TN
	■	L4911TN	L4911M2TN

DIFFUSER KIT



Description		Item
KIT WITH DIFFUSER ON THE SIDE (50 DIFFUSERS)	☐	N4915SETBL
	■	NT4915SETBL
	■	L4915SETBL

NOTE: ☐ **White** colour device ■ **Tech** colour device ■ **Anthracite** colour device ○ Neutral item

LIVINGLIGHT AIR - 2 MODULE AREA INSTALLATION SYSTEM

Cover plate installation

SELECTION TABLE

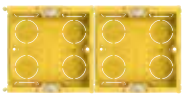
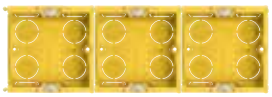
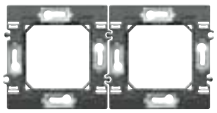
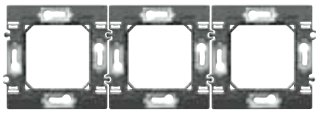
Plasterboard or flush mounted box	**502E** (70x70x50)	 2 x **502E** (70x70x50)	 3 x **502E** (70x70x50)
Supports	**LN4702E**	 2 x **LN4702E**	 3 x **LN4702E**
No. of modules	2 modules	2 + 2 modules	2 + 2 + 2 modules
Cover plates	**LNE4802..**	**LNE4802M2...**	**LNE4802M3...**

Table for selecting codes

AIR COVER PLATE CODES
2 modules - **LNE4802...**
2 + 2 modules - **LNE4802M2...**
2 + 2 + 2 modules - **LNE4802M3...**

Cover plate modules

		2	2 +2	2 + 2 +2
MONOCHROME (zamak)				
	Pure white	**LNE4802BN**	**LNE4802M2BN**	**LNE4802M3BN**
	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

MONOCHROME
Material: zamak

Pure white - **BN**

Tech - **TE**

Anthracite - **AR**

SOFT
Material: zamak

Street - **ST**

Clay - **CY**

Sand - **SB**

Blue moon - **BM**

BRUSHED
Material: zamak

Brushed Titanium - **TIS**

Brushed Chrome - **CRS**

SHINY
Material: zamak

Pewter - **PT**

Palladium - **PL**

Satin gold - **OF**

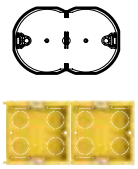
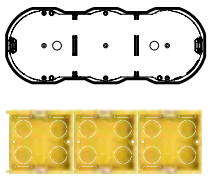
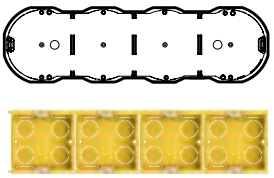
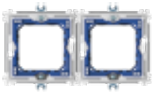
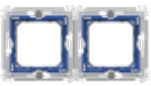
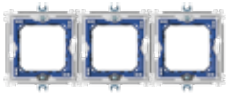
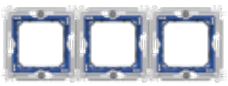
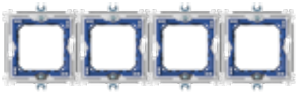
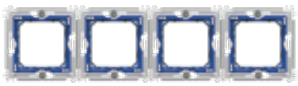
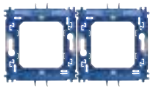
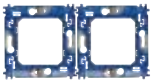
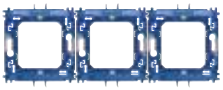
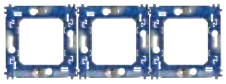
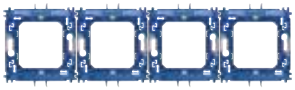
Satin nickel - **NK**

Pearl white - **PR**

LIVINGLIGHT SQUARE COVER PLATES - 2 MODULE AREA INSTALLATION SYSTEM

Cover plate installation

SELECTION TABLE

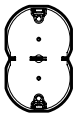
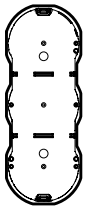
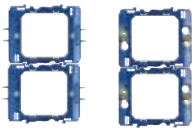
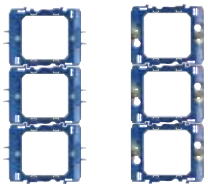
	BOTH FOR HORIZONTAL AND VERTICAL INSTALLATION - CENTRE DISTANCE 71 mm			
Boxes	**502E** (screw) (70x70x50)	 2 x **502E** (screw) (70x70x50)	 3 x **502E** (screw) (70x70x50)	 4 x **502E** (screw) (70x70x50)
Metallic supports	**LN4702MG** (clips) **LN4702M** (screw)	 **LN4702MG** (clips)  **LN4702M** (screw)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

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.

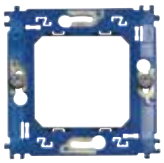
LIVINGLIGHT SQUARE COVER PLATES - 2 MODULE BELGIAN INSTALLATION SYSTEM

Cover plate installation

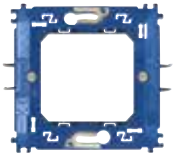
SELECTION TABLE

	VERTICAL INSTALLATION CENTRE DISTANCE 57 mm	
Boxes		
Supports	 **LN4702G** (clips) **LN4702** (screw)	 **LN4702G** (clips) **LN4702** (screw)
No. of modules	2 + 2 modules	2 + 2 + 2 modules
Cover plates	**LNA4832M2...**	**LNA4832M3...**

INSTALLATION OF LN4702 AND LN4702G SUPPORTS

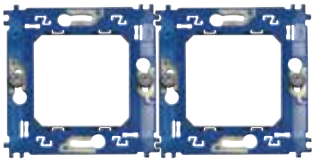


LN4702 (fixing with screw)



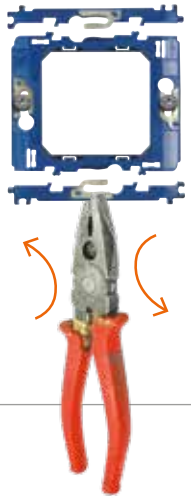
LN4702G (fixing with clips)

71 mm centre distance installation



To place side by side 2 or more supports

57 mm centre distance installation



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
METALS (zamak)							
	Ice gold	LNA4802OA	LNA4802M2OA	LNA4802M3OA	LNA4802M4OA	LNA4832M2OA	LNA4832M3OA
	Bronze	LNA4802BZ	LNA4802M2BZ	LNA4802M3BZ	LNA4802M4BZ	LNA4832M2BZ	LNA4832M3BZ
NATURALIA (zamak)							
	Native	LNA4802NA	LNA4802M2NA	LNA4802M3NA	LNA4802M4NA	LNA4832M2NA	LNA4832M3NA
	Silver	LNA4802AG	LNA4802M2AG	LNA4802M3AG	LNA4802M4AG	LNA4832M2AG	LNA4832M3AG
	Brushed steel	LNA4802ACS	LNA4802M2ACS	LNA4802M3ACS	LNA4802M4ACS	LNA4832M2ACS	LNA4832M3ACS
SILK (zamak)							
	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
DEEP (polymer plastic)							
	Green	LNA4802VD	LNA4802M2VD	LNA4802M3VD	LNA4802M4VD	LNA4832M2VD	LNA4832M3VD
	Orange	LNA4802OD	LNA4802M2OD	LNA4802M3OD	LNA4802M4OD	LNA4832M2OD	LNA4832M3OD
	Blue	LNA4802AD	LNA4802M2AD	LNA4802M3AD	LNA4802M4AD	LNA4832M2AD	LNA4832M3AD
KRISTALL (polymer plastic)							
	London fog	LNA4802KF	LNA4802M2KF	LNA4802M3KF	LNA4802M4KF	LNA4832M2KF	LNA4832M3KF
	Aquamarine	LNA4802KA	LNA4802M2KA	LNA4802M3KA	LNA4802M4KA	LNA4832M2KA	LNA4832M3KA
	Cold grey	LNA4802KG	LNA4802M2KG	LNA4802M3KG	LNA4802M4KG	LNA4832M2KG	LNA4832M3KG
NEUTRAL (polymer plastic)							
	Anthracite	LNA4802AR	LNA4802M2AR	LNA4802M3AR	LNA4802M4AR	LNA4832M2AR	LNA4832M3AR
	White	LNA4802BI	LNA4802M2BI	LNA4802M3BI	LNA4802M4BI	LNA4832M2BI	LNA4832M3BI
	Tech	LNA4802TE	LNA4802M2TE	LNA4802M3TE	LNA4802M4TE	LNA4832M2TE	LNA4832M3TE
WOOD							
	Cherrywood	LNA4802LCA	LNA4802M2LCA	LNA4802M3LCA	LNA4802M4LCA	LNA4832M2LCA	LNA4832M3LCA
	Bamboo	LNA4802LBA	LNA4802M2LBA	LNA4802M3LBA	LNA4802M4LBA	LNA4832M2LBA	LNA4832M3LBA
	Walnut	LNA4802LNC	LNA4802M2LNC	LNA4802M3LNC	LNA4802M4LNC	LNA4832M2LNC	LNA4832M3LNC

	SUPPORTS					
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

METALS
Material: zamak

Ice gold - OA

Bronze - BZ

NATURALIA
Material: zamak

Native - NA

Silver -AG

Brushed steel - ACS

SILK
Material: zamak

Park - PK

Square - SQ

Brick - RK

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...**

DEEP
Material: polymer plastic

Green - VD

Orange -OD

Blue - AD

KRISTALL
Material: polymer plastic

London fog - KF

Acquamarine - KA

Cold grey - KG

NEUTRAL
Material: polymer plastic

Anthracite - AR

White - BI

Tech - TE

ESSENCES
Material: solid wood

Cherrywood -LCA

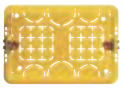
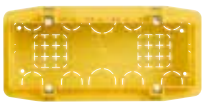
Bamboo - LBA

Walnut - LNC

LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

Cover plate installation

SELECTION TABLE

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

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

Supports

	Supports	**LN4703C**	**LN4704C**	**LN4707C**	**LN4726C**

LIVINGLIGHT AIR - 3 MODULE AREA INSTALLATION SYSTEM

Cover plate finishing

MONOCHROME
Material: zamak

Pure white - BN

Tech - TE

Anthracite - AR

SOFT
Material: zamak

Street - ST

Clay - CY

Sand - SB

Blue moon - BM

AIR COVER PLATE CODES
2 modules - **LNC4802...**
3 modules - **LNC4803...**
4 modules - **LNC4804...**
7 modules - **LNC4807...**
3+3 modules - **LNC4826...**

BRUSHED
Material: zamak

Brushed Titanium - **TIS**

Brushed Chrome - **CRS**

SHINY
Material: zamak

Pewter - **PT**

Palladium - **PL**

Satin gold - **OF**

Satin nickel - **NK**

Pearl white - **PR**

Customise your cover plate

SUGGESTIONS FOR USE.

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

PAINT

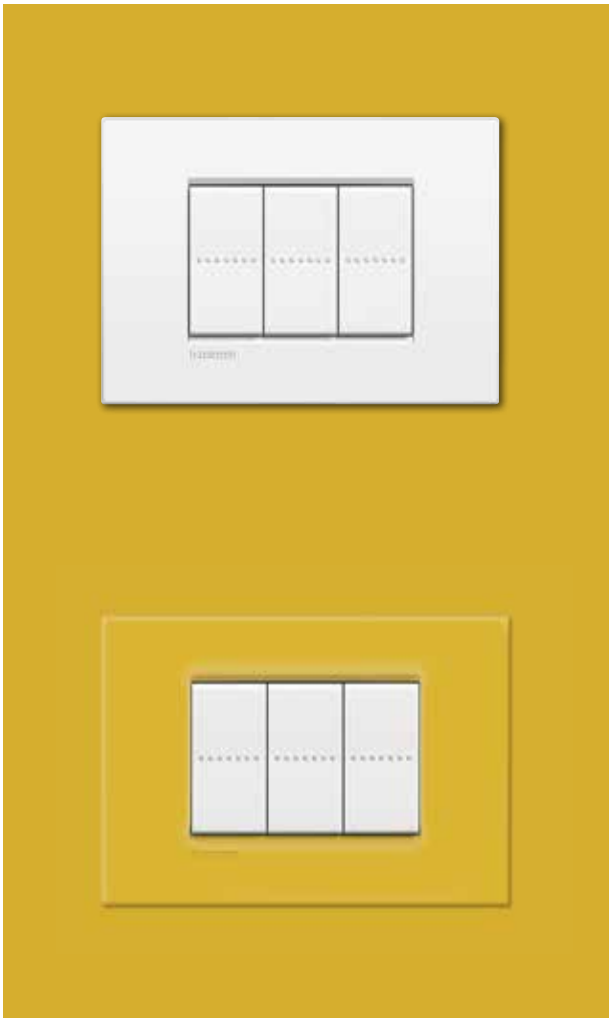
Before painting with house paint, the surface should be sanded/matted for better adhesion. Resin-rich products (e.g. water-based varnishes) should be used.

Notes

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

COVER PLATE CLEANING

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



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

LIVINGLIGHT SQUARE COVER PLATES - 3 MODULE AREA INSTALLATION SYSTEM

Cover plate installation

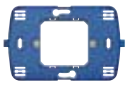
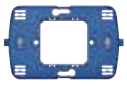
SELECTION TABLE

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

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

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

Ice gold - **OA**

Bronze - **BZ**

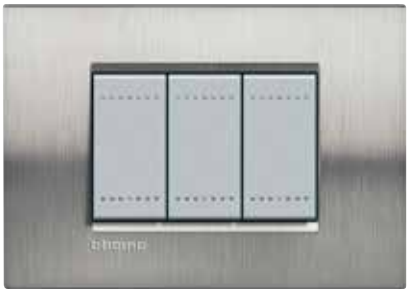
Steel - **AC**

Moonlight silver - **GL**

NATURALIA
Material: zamak

Native - **NA**

Silver - **AG**



Brushed steel - **ACS**

SILK
Material: zamak

Park - **PK**

Square - **SQ**

Brick - **RK**

Avenue - **AE**

Club - **CB**

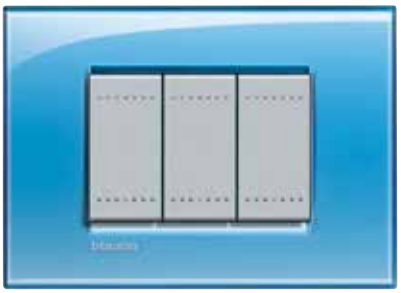
CODES OF THE LIVINGLIGHT SQUARE COVER PLATES
2 modules - LNA4802...
2 modules - LNA4819*...
3 modules - LNA4803...
4 modules - LNA4804...
7 modules - LNA4807...
3+3 modules - LNA4826...

* 2 centred modules for box 500, 502E, 503E, PB503N, PB502N

DEEP
Material: techno polymer

Green - **VD**

Orange - **OD**



Blue - **AD**

KRISTALL
Material: techno polymer

London fog - **KF**

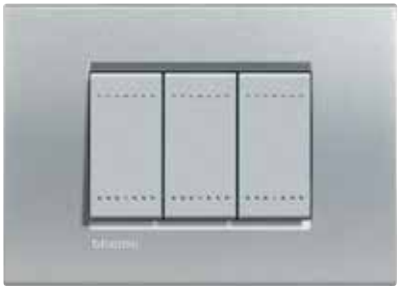
Aquamarine - **KA**

Cold grey - **KG**

NEUTRAL
Material: techno polymer

Anthracite - **AR**

White - **BI**



Tech - **TE**

WOODS
Material: solid wood

American cherry - **LCA**

Bamboo - **LBA**

Walnut - **LNC**

LIVINGLIGHT SQUARE COVER PLATES - 3 MODULE AREA INSTALLATION SYSTEM

Table for selecting codes

Cover plate modules

		2	2 centred	3	4	7	3 + 3
METALS (zamak)							
	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
NATURALIA (zamak)							
	Native	LNA4802NA	LNA4819NA	LNA4803NA	LNA4804NA	LNA4807NA	LNA4826NA
	Silver	LNA4802AG	LNA4819AG	LNA4803AG	LNA4804AG	LNA4807AG	LNA4826AG
	Brushed steel	LNA4802ACS	LNA4819ACS	LNA4803ACS	LNA4804ACS	LNA4807ACS	LNA4826ACS
SILK (zamak)							
	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
DEEP (polymer plastic)							
	Green	LNA4802VD	LNA4819VD	LNA4803VD	LNA4804VD	LNA4807VD	LNA4826VD
	Orange	LNA4802OD	LNA4819OD	LNA4803OD	LNA4804OD	LNA4807OD	LNA4826OD
	Blue	LNA4802AD	LNA4819AD	LNA4803AD	LNA4804AD	LNA4807AD	LNA4826AD
KRISTALL (polymer plastic)							
	London fog	LNA4802KF	LNA4819KF	LNA4803KF	LNA4804KF	LNA4807KF	LNA4826KF
	Aquamarine	LNA4802KA	LNA4819KA	LNA4803KA	LNA4804KA	LNA4807KA	LNA4826KA
	Cold grey	LNA4802KG	LNA4819KG	LNA4803KG	LNA4804KG	LNA4807KG	LNA4826KG
NEUTRAL (polymer plastic)							
	Anthracite	LNA4802AR	LNA4819AR	LNA4803AR	LNA4804AR	LNA4807AR	LNA4826AR
	White	LNA4802BI	LNA4819BI	LNA4803BI	LNA4804BI	LNA4807BI	LNA4826BI
	Tech	LNA4802TE	LNA4819TE	LNA4803TE	LNA4804TE	LNA4807TE	LNA4826TE
WOOD							
	Cherrywood	LNA4802LCA	LNA4819LCA	LNA4803LCA	LNA4804LCA	LNA4807LCA	LNA4826LCA
	Bamboo	LNA4802LBA	LNA4819LBA	LNA4803LBA	LNA4804LBA	LNA4807LBA	LNA4826LBA
	Walnut	LNA4802LNC	LNA4819LNC	LNA4803LNC	LNA4804LNC	LNA4807LNC	LNA4826LNC

Supports

	Fixing with screws	LN4702	LN4719	LN4703	LN4704	LN4707	LN4726
	Fixing with clips	LN4702G	LN4719G				

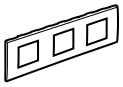
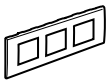
CUSTOMISABLE SWITCHES

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

ITEMS FOR THE CUSTOMISATION OF THE LIGHT POINT

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

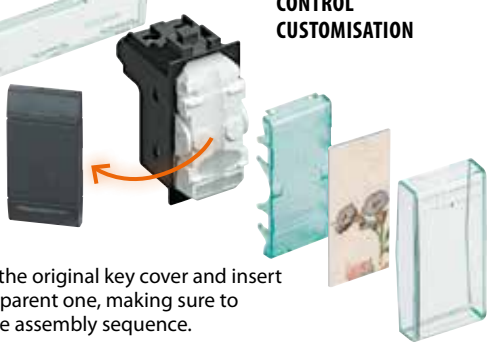
	Customisable transparent cover plates	
○ **LND4802KR**		2 modules
○ **LND4819KR**		2 centred modules (LN4719 or LN4719G)
○ **LND4803KR**		3 modules
○ **LND4804KR**		4 modules
○ **LND4807KR**		7 modules
○ **LND4826KR**		3 + 3 modules

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

COVER PLATE CUSTOMISATION

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

CONTROL CUSTOMISATION



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

NOTE: ○ Neutral item

INSTALLATION IN WALL-MOUNTED BOXES

Boxes

502BI (white)

503BI (white)

504BI (white)

150418BA with supports and cover plates (173x247x65) (white)

150418GR - with supports and cover plates (173x247x65) (anthracite)

506NP (118x118x55) (white)

N4070 indoor siren
N4565 loudspeaker (white)

Modules

2 modules

3 modules

4 modules

3 x 6 modules

506NP (118x118x55) (white)

NT4070 indoor siren
NT4565 loudspeaker **(tech)**

Cover plates

LNA4802...

LNC4802...

LNA4803...

LNC4803...

LNA4804...

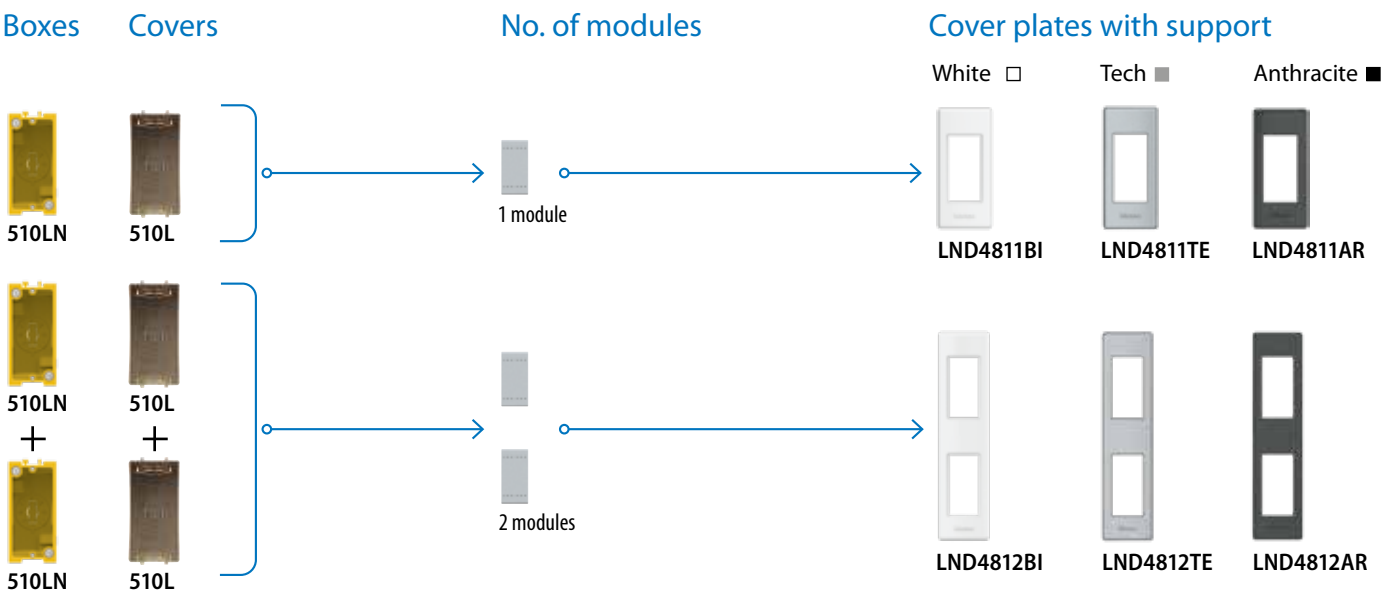
LNC4804...

506LP (118x118X55) (anthracite)

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

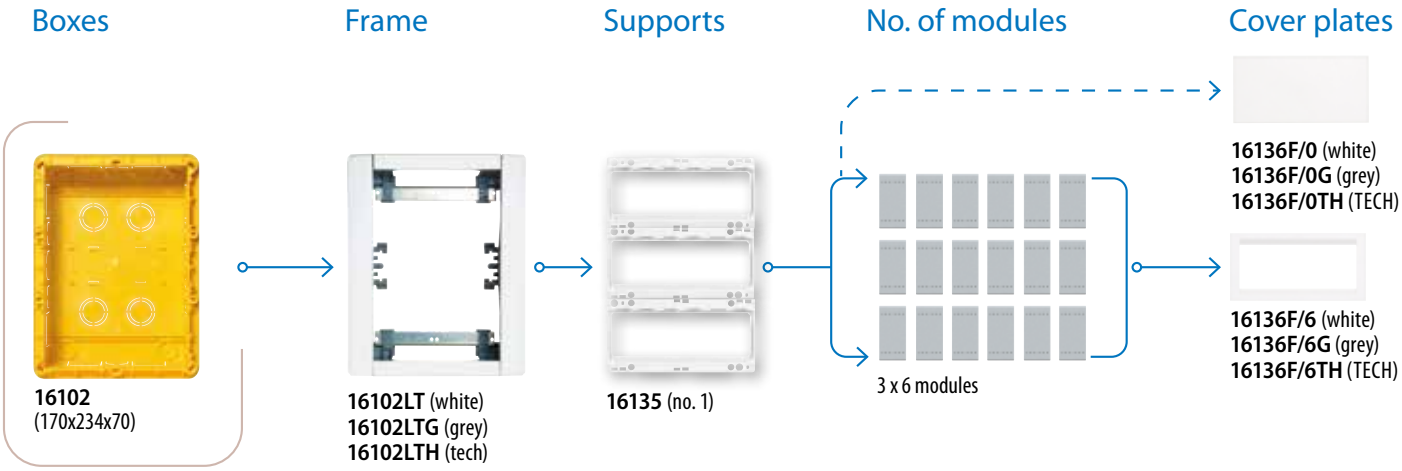
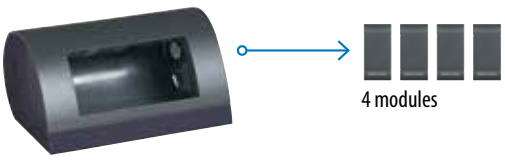
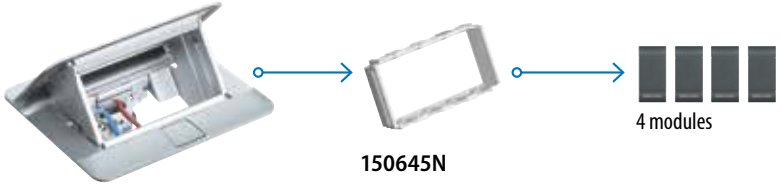


TABLE-TOP INSTALLATION



150433 white
150434 tech
150432 anthracite

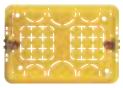
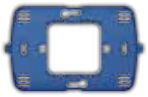
POP-UP TOWERS



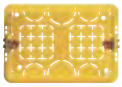
150647NW white
150647NS steel
150647NB black

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	**LN4703C** with screws	**LN4703** with screw	 **LN4719** with screws
No. of modules	3 modules	3 modules	2 modules
Cover plates	**LNC4803.../LNA4803...**	**LNA4803...**	**LNA4819...**

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	3 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	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

2 modules IP40

24402

3 modules IP40

24403

4 modules IP40

24404

IP40 housings

4 modules IP40

24404/2

6 modules IP40

24406

IP55 housings

1 module IP55

24501

2 modules IP55

24502

3 modules IP55

24503

4 modules IP55

24504

INSTALLATION IN PROTECTED HOUSINGS AND OTHER

25700

25700F/16
25700F/20

150560F
Cutter for raised floor

150560SB
Box for cement floors

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

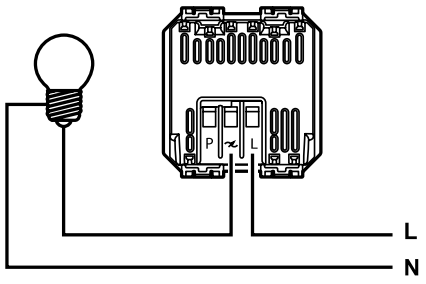
Item	WIRING ACCESSORIES - FLOOR BOXES	
		These floor boxes were planned for being equipped with 1 or 2 module devices of the wiring accessories series LIVINGLIGHT. Thanks to the cover with automatic shutting and hinge made of caoutchouc, they allow a very good protection degree (IP24-7). There are two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

TECHNICAL INFORMATION
DIMENSIONAL DATA

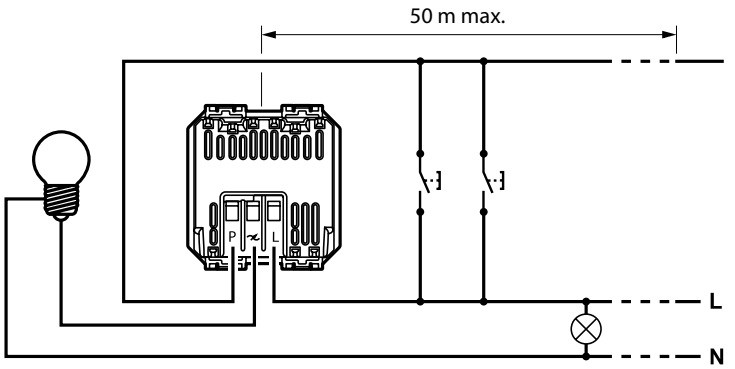
TECHNICAL INFORMATION
Dimmer

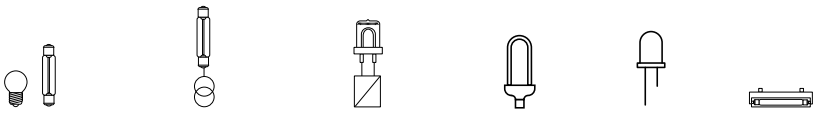
UNIVERSAL DIMMER: ELECTRICAL CONNECTIONS

Stand alone dimmer



Dimmer with remote pushbuttons





Loads

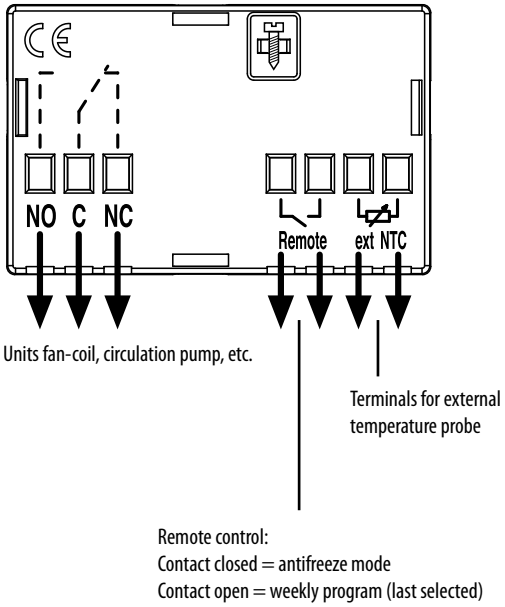
Item	Type	range	supply std	Incandescents and hologens	Halogens with ferromagnetic transformer	Halogens with electronic transformer	Dimmerable compact fluorescents	Dimmerable LED lamps	Fluorescents with electronic 0-10 V ballast
N4402N **NT4402N** **L4402N**	Resistive	230 Va.c. 50 Hz	230 Va.c.	60 - 500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

Thermostat

ITEM L/N/NT4451

Technical data

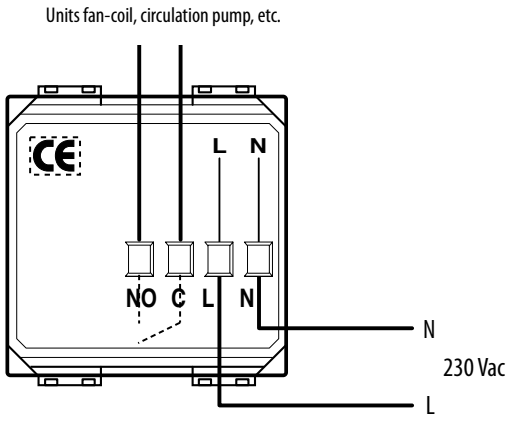
- operating temperature: 5 - 35°C;
- power supply: 2 x 1.5V alkaline batteries type LR6/AA;
- minimum time between one scheduled intervention and the next: 15 minutes;
- selectable temperature values: 3 - 40° C (with a minimum interval of 0.1° C);
- accuracy of controlled temperature: ± 0.5°C;
- battery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



ITEM L/N/NT4442

Technical data

- power supply: 230 Vac ± 10% 50/60 Hz 0,6W;
- maximum load output NO contacts: 2A cosφ 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 mm2;
- for heating and air conditioning systems: boilers, fan-coil units, air conditioners, fan coils;
- with "summer / winter" switch.

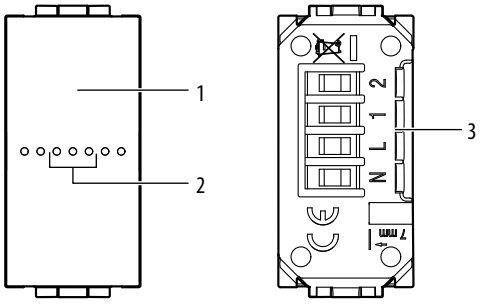


TECHNICAL INFORMATION
Devices for the Smart electrical system

TECHNICAL FEATURES FOR ALL DEVICES

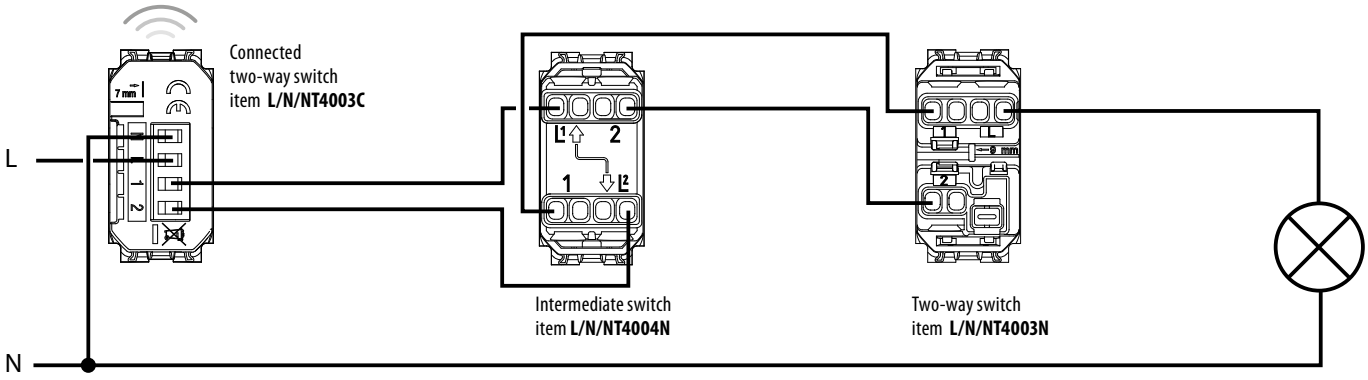
- Technology: ZigBee certified product, Zigbee 3.0 public profile
- Performance: 200 m range in a free point-to-point field
- Band frequency: from 2.4 to 2.4835 GHz

CONNECTED TWO-WAY SWITCH ITEM L/N/NT4003C

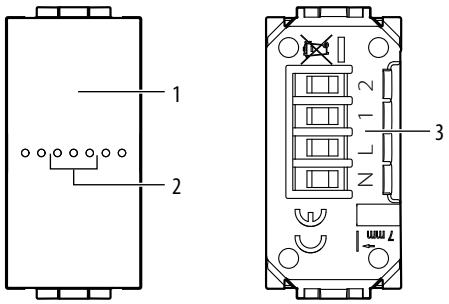


1 - Control pushbutton
2 - Notification LED:
  - red steady: device not in Zigbee network
  - green steady: device in Zigbee network
3 - Connection clamps

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



CONNECTED DIMMER ITEM L/N/NT4411C



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

3 - Connection clamps

Basic diagram

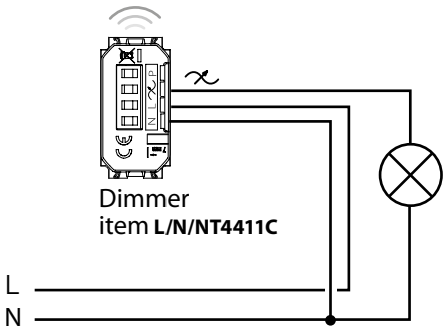
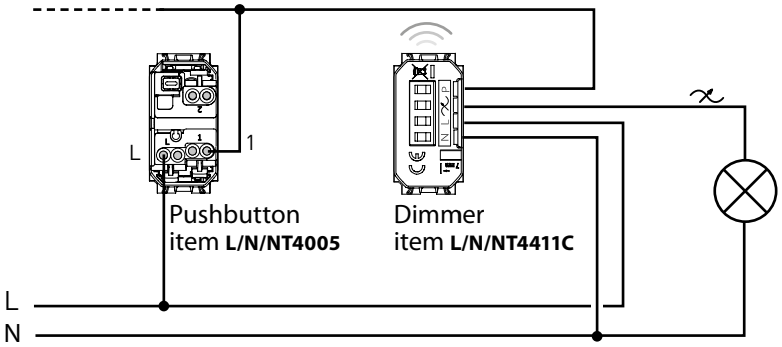


Diagram with remote control pushbuttons

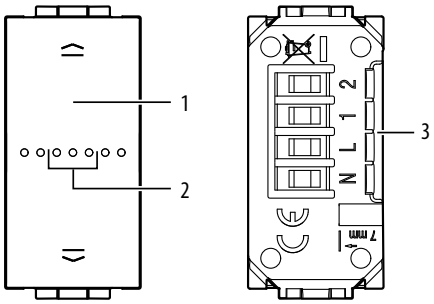


Technical features

+ 45 °C + 5 °C 1 X 1,5 mm² 110 – 240 V~, 50/60 Hz		LED
Loads	Filament lamp or halogen lamp	LED lamp
240 VAC	150 W	150 W
100 VAC	75 W	75 W
Technology	Radio (Wireless meshed network)	
Power level	< 100 mW	
Band frequency	from 2,4 to 2,4835 GHz	

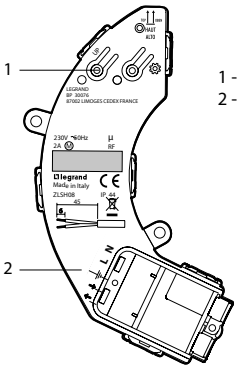
TECHNICAL INFORMATION
Devices for the Smart electrical system

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



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

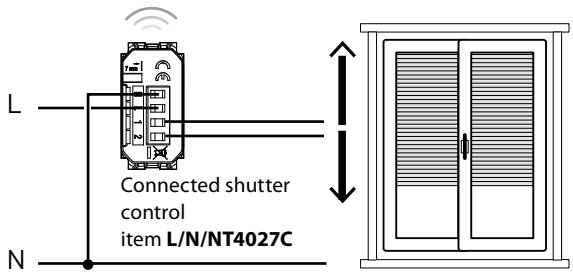
item L/N/NT4027C

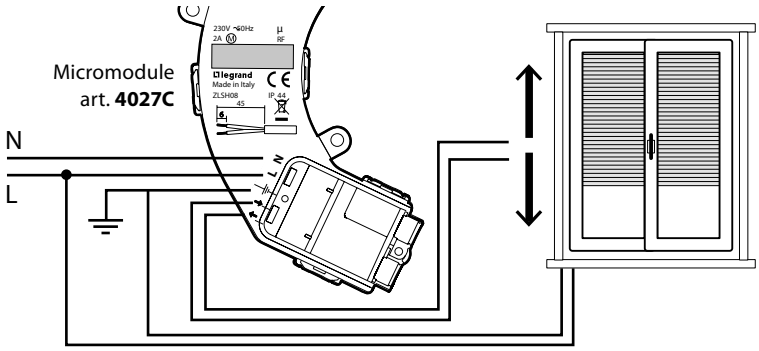


1 - Notification LED
2 - Connection clamps

item 4027C

Wiring diagram





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

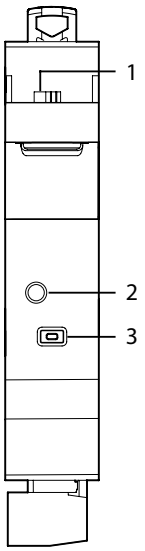
Technical features

+ 45 °C
+ 5 °C
1 X 1,5 mm²

110 – 240 V~, 50/60 Hz

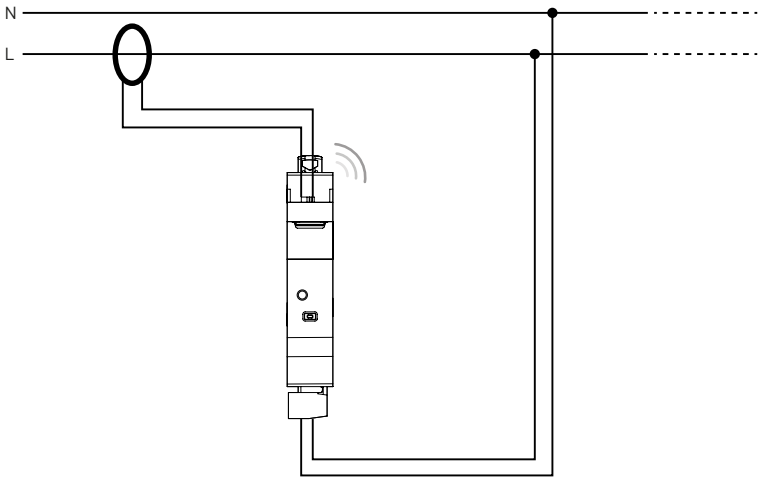
Carichi	Motor for shutters
240 VAC	1 x 500 VA
100 VAC	1 x 270 VA
Technology	Radio (Wireless meshed network)
Power level	< 100 mW
Band frequency	from 2,4 to 2,4835 GHz

CONNECTED DIN METER ITEM F20T60A AND ITEM F80GCS



1 - Toroid connection
2 - notification LED
3 - Network association pushbutton

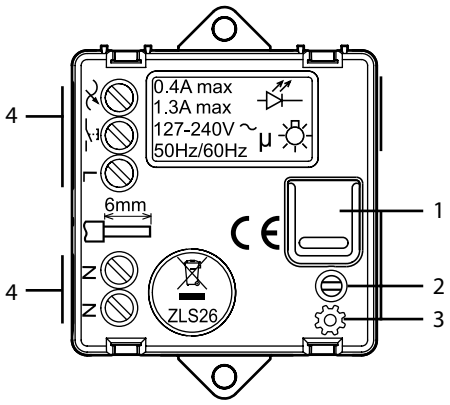
Wiring diagram



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

TECHNICAL INFORMATION
Devices for the Smart electrical system

CONNECTED LIGHT RELAY ITEM 3584C



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

4 - Connection clamps

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

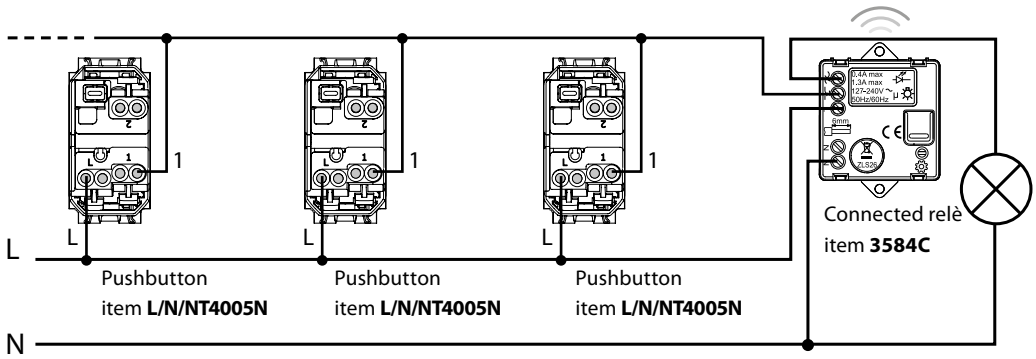
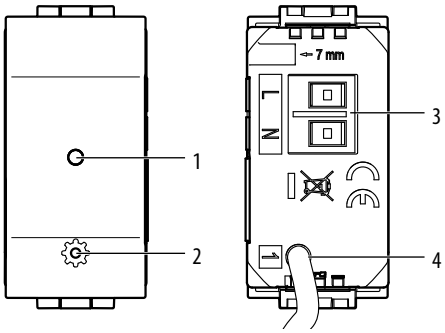


Table of managed loads

		R	L			
+45°C +5°C	2 x 2,5mm²		LED			(**)
Loads		Filament lamp or halogen lamp	LED lamp	Fluorescent compact	Electronic transformer	Ferromagnetic 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



1 - notification LED
- red steady: device not in Zigbee network
- green steady: device in Zigbee network

2 - Setting pushbutton
3 - Connection clamps
4 - load controlled phase cable

Wiring diagram

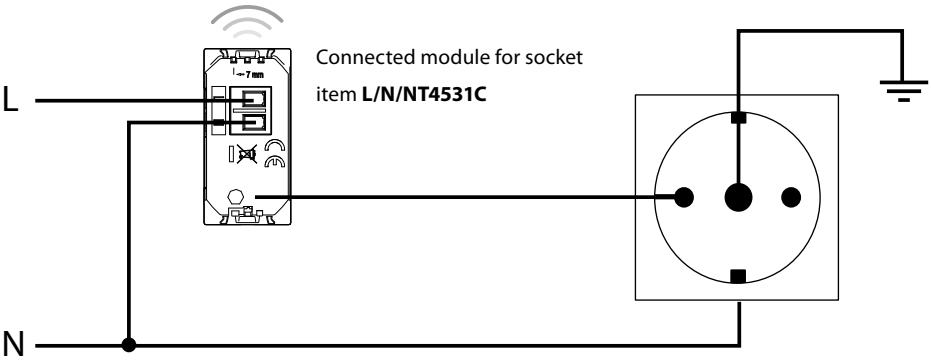
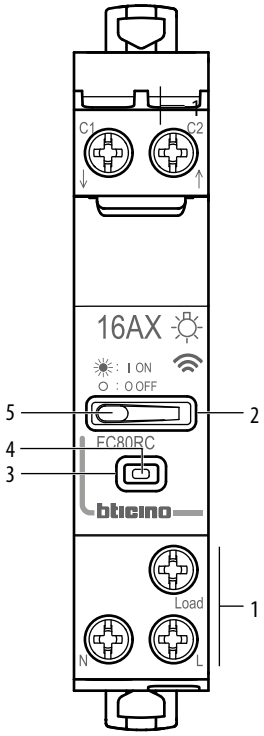


Table of managed loads

+45°C +5°C / 2 x 2,5mm²								
Loads	Filament lamp	Halogen lamp	Electronic transformer	Ferromagnetic transformer	Fluorescent tube	Fluorescent compact	LED lamp	Ventilation motor
230 Va.c. 3800 W cosφ 0,8	16 A							

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

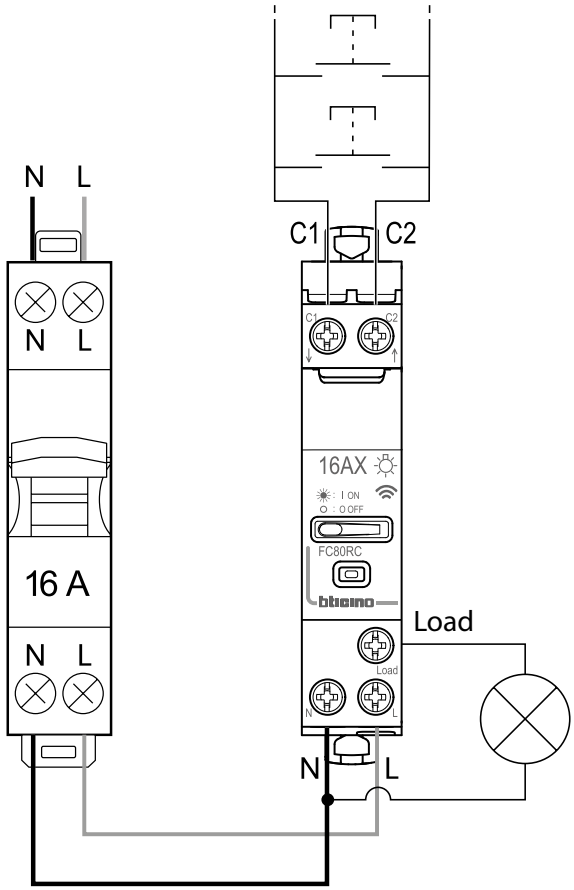


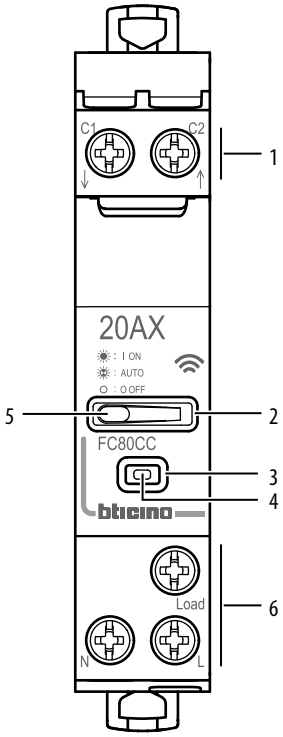
Table of managed loads

+ 45 °C - 5 °C	N, L, LOAD		C1, C2	
	2 x 2,5 mm²	1 x 6 mm²	2 x 1,5 mm²	1 x 2,5 mm²

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				

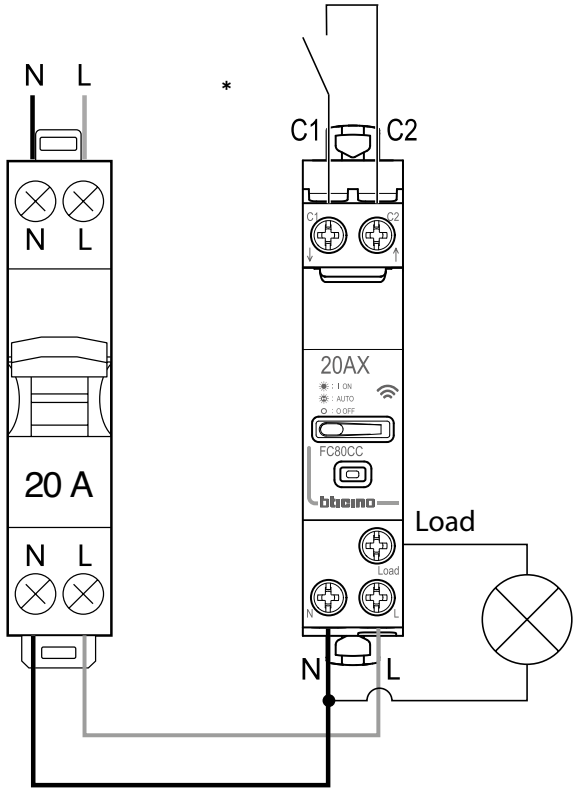
(*) Or 10 maxi. lamps For good lighting comfort, we recommend the use of lamps of the same type and from the same supplier.
(**) Caution: - Ferromagnetic transformers must be charged at over 60% of their rated power.
- During the calculation of the permitted power, take into account the performance of 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.

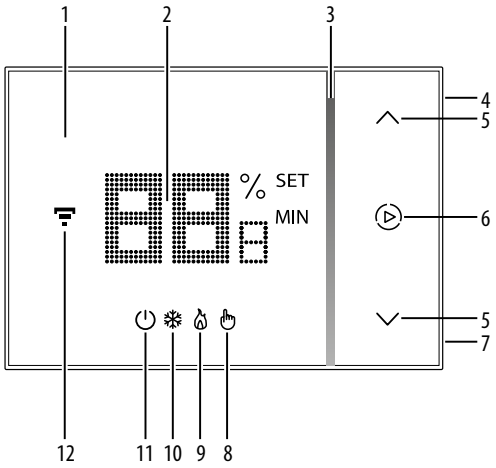
Table of managed loads

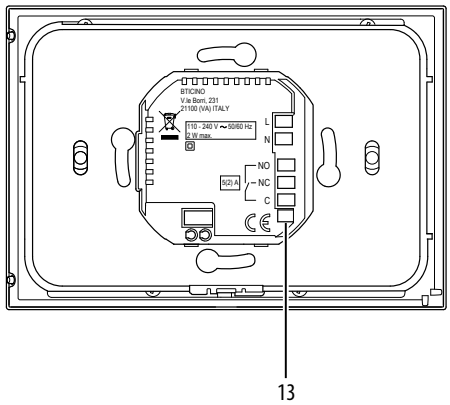
+ 45 °C - 5 °C	N, L, LOAD 2 x 2,5 mm² 1 x 6 mm²	C1, C2 2 x 1,5 mm² 1 x 2,5 mm²

Loads	Resistive loads	Motor
Power	4800 W	2400 VA
Voltage	240 Vac	
Operating frequency	50 Hz	
Technology Radio	Wireless meshed network	
Power level	<100mW	
Band frequency	from 2,4 to 2,4835 GHz	
Power dissipation	<0,4W without load / <1,7W with load	
Sound emission	<10dB	
Dimensional data	1 module DIN	

TECHNICAL INFORMATION
Devices for the Smart electrical system

SMARTHER2 ITEM XW/XM/XG8002

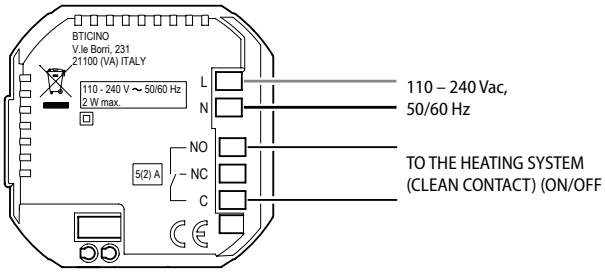




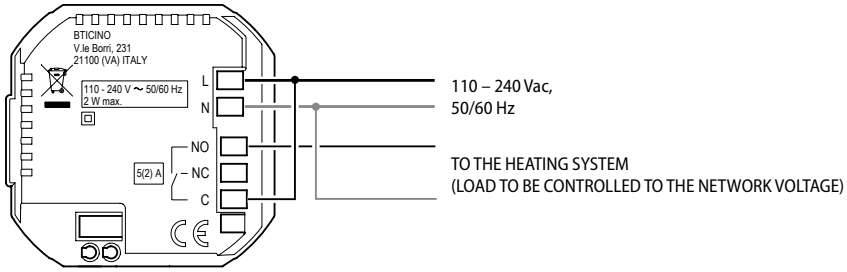
1. Touch screen display
2. Temperature/humidity display
3. "Boost" mode indicator
4. Wi-Fi connection key
5. Keys for temperature setting
6. Boost mode activation
7. Reset key (keep pressed for 10", it restores the factory settings)
8. Manual mode indicator
9. ON heating indicator
10. ON cooling indicator
11. "OFF thermostat" indicator; temperature (frost guard) in heating function; OFF in cooling function.
12. Wi-Fi connection indicator
13. Connection clamps (see diagrams)

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)

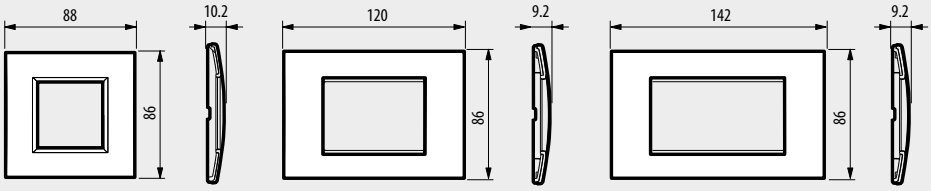


For other diagrams, consult the documentation supplied with the device.

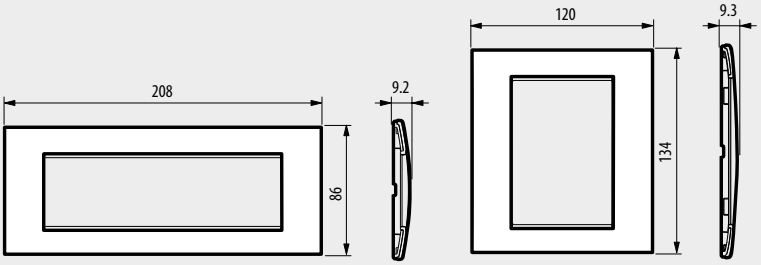
DIMENSIONAL DATA

LIVINGLIGHT square cover plates

SQUARE COVER PLATES

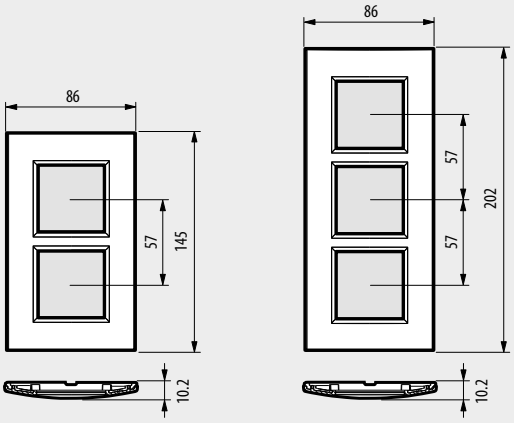


LNA4802... LNA4803... LNA4804...



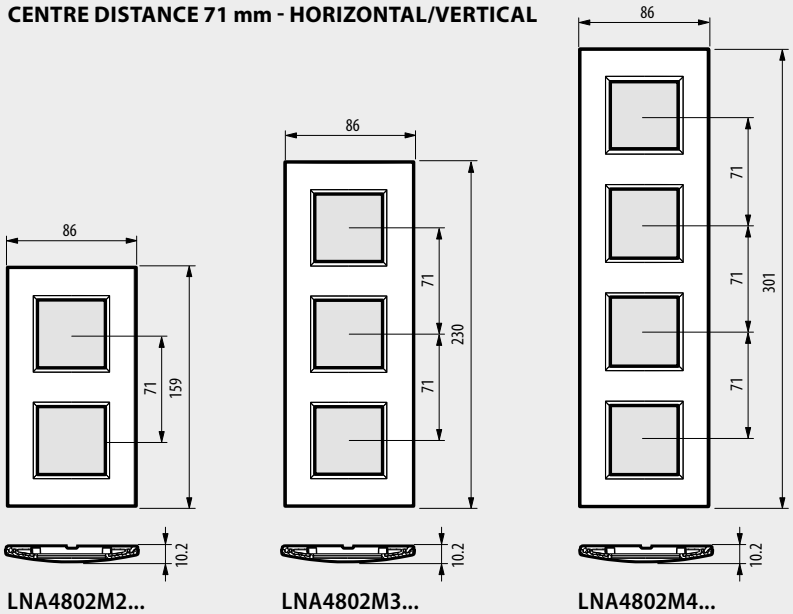
LNA4807... LNA4826...

CENTRE DISTANCE 57 mm - HORIZONTAL/VERTICAL



LNA4832M2... LNA4832M3...

CENTRE DISTANCE 71 mm - HORIZONTAL/VERTICAL

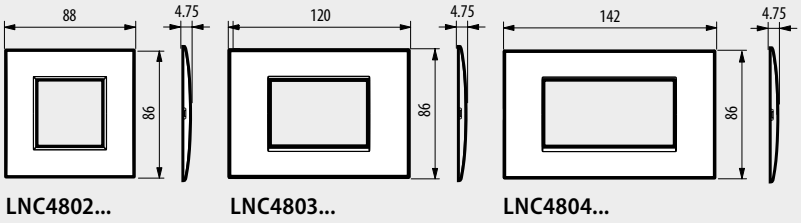


LNA4802M2... LNA4802M3... LNA4802M4...

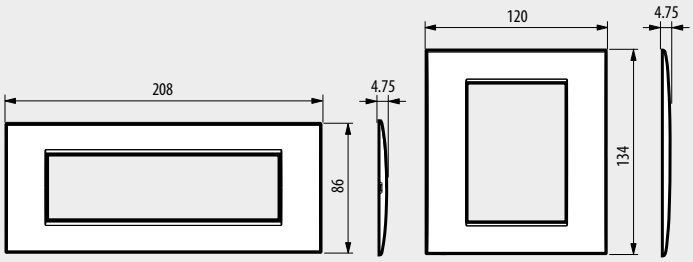
DIMENSIONAL DATA

LIVINGLIGHT AIR cover plates

LIVINGLIGHT AIR COVER PLATES (3 MODULE AREA SYSTEM)

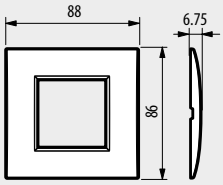


LNC4802... LNC4803... LNC4804...

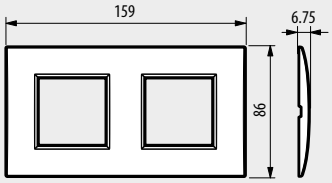


LNC4807... LNC4826...

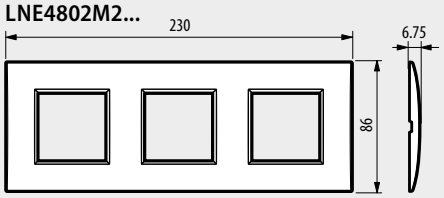
LIVINGLIGHT AIR COVER PLATES (2 MODULE AREA SYSTEM)



LNE4802...



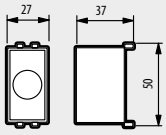
LNE4802M2...



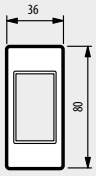
LNE4802M3...

Box and cover plates for rails

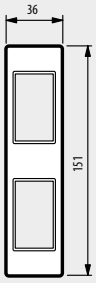
BOX AND COVER PLATES FOR PROFILES



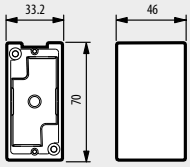
510L



LND4811...

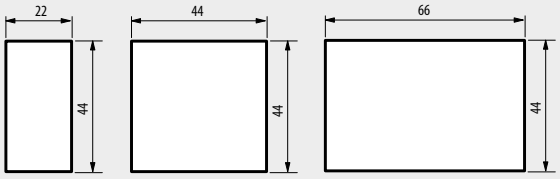


LND4812...



510LN

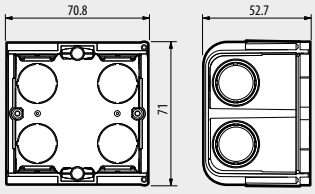
MODULAR DEVICES



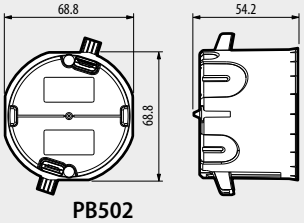
1 module 2 modules 3 modules

FLUSH MOUNTED BOXES

(for installation of 2 module AIR cover plates)

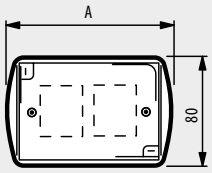


502E



PB502

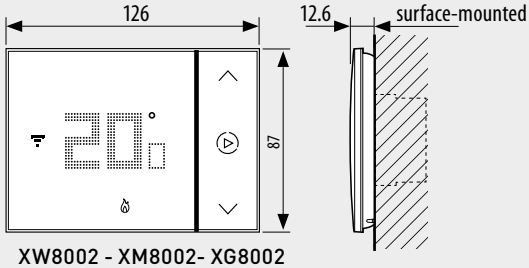
LIVING INTERNATIONAL WALL MOUNTED BOXES



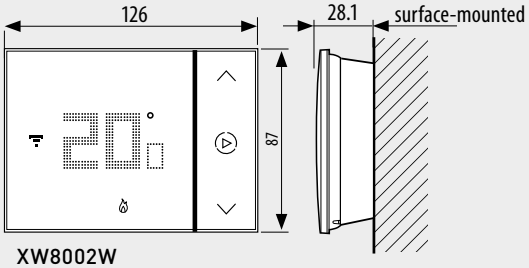
502LP - 503LP - 504LP

Item	A
502LP	93
503LP	120
504LP	140

SMARTHER



XW8002 - XM8002- XG8002

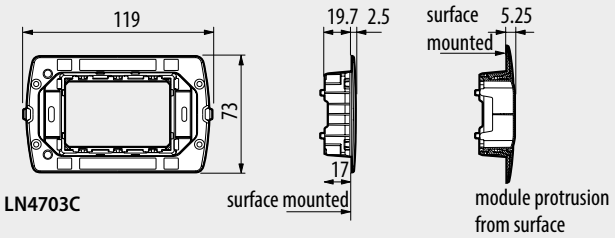


XW8002W

DIMENSIONAL DATA

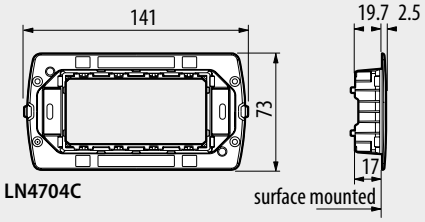
Livinglight AIR supports

3-MODULE SUPPORT



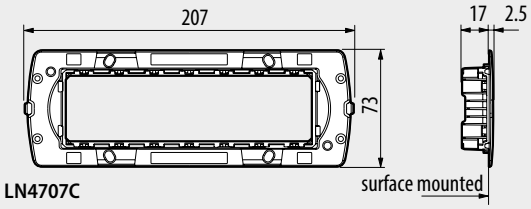
LN4703C

4-MODULE SUPPORT



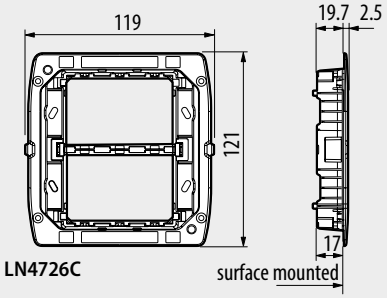
LN4704C

7-MODULE SUPPORT



LN4707C

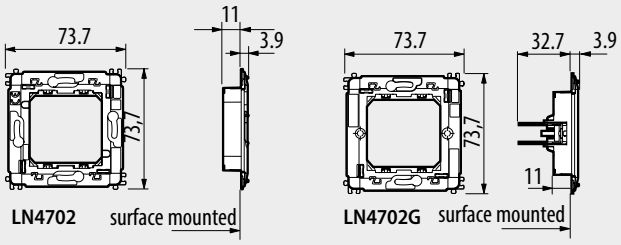
3+3-MODULE SUPPORT



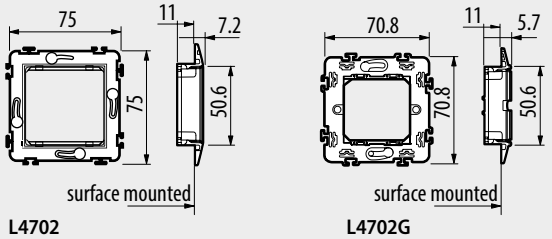
LN4726C

Livinglight / Living International supports

2-MODULE SUPPORT

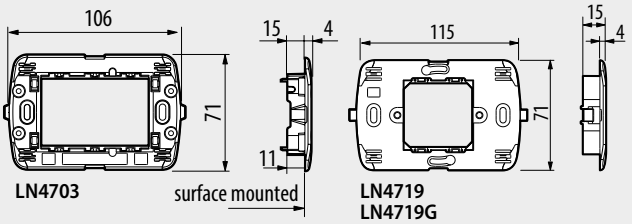


LN4702 LN4702G



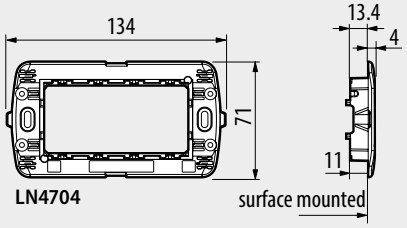
L4702 L4702G

3-MODULE SUPPORT



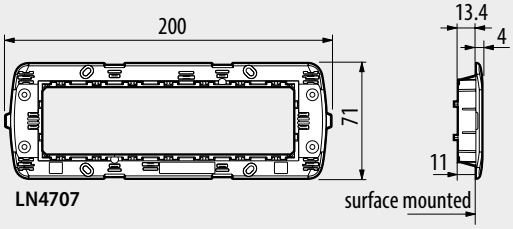
LN4703 LN4719 LN4719G

4-MODULE SUPPORT



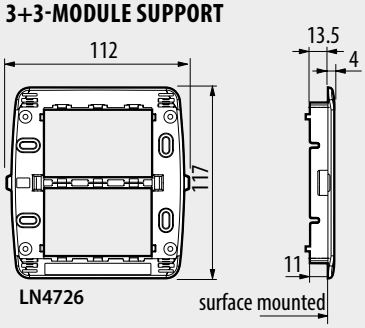
LN4704

7-MODULE SUPPORT



LN4707

3+3-MODULE SUPPORT



LN4726

NOTE

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