

LIVING-LIGHT

2012 CATALOGUE

A Group Brand | **legrand**



LIVING-LIGHT

In one single range

Three key finishes: white, tech, anthracite

Three cover plate designs: AIR, round, square

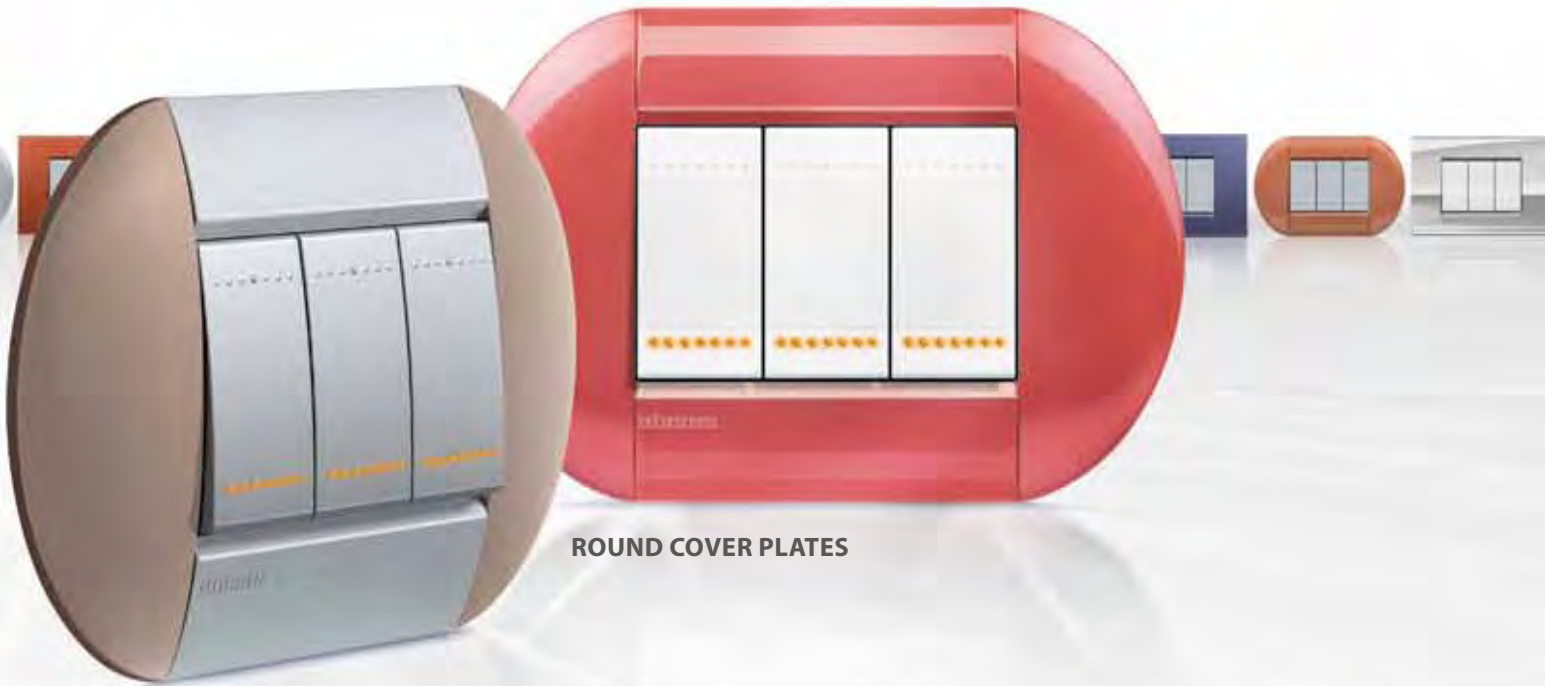
All fully interchangeable



AIR COVER PLATES



Download the application from App Store and Android Market and configure functions and colours to your taste



ROUND COVER PLATES

SQUARE COVER PLATES



LIVING-LIGHT

New technological and functional solutions

BTicino designs and offers new electromechanical and electronic solutions for more and more state of the art systems.



NEW ELECTROMECHANICAL CONTROLS

Fully redesigned, the new axial or rocker controls, bring the quality, performance, and safety of BTicino products to the highest levels.



Discover all the features of the controls



NEW DIMMERS

A complete and advanced range that meets all requirements in terms of load and power managed. Suitable for all types of lamps.



ZIGBEE® RADIO SYSTEM

New solution for radio automation systems, allowing their integration with MY HOME.



Discover the advantages of radio controls



ENERGY EFFICIENCY

Solutions that are kind to the environment and ensure energy savings: Green Switch, consumption display and management, zone temperature control.



Discover energy efficiency solutions





All the information
you need...
with one click!

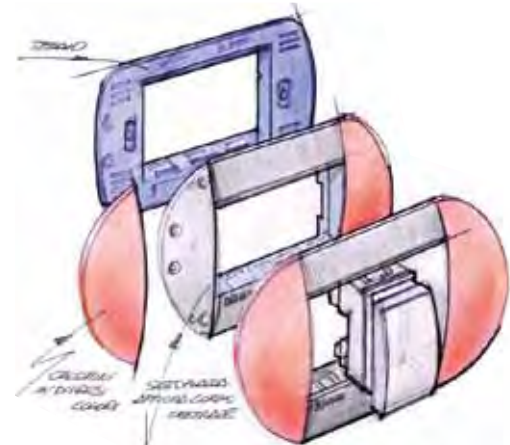


The **QR Code** provides direct access to multimedia contents.
The service is very easy to use, and only requires a smartphone with the free software needed for reading the code.

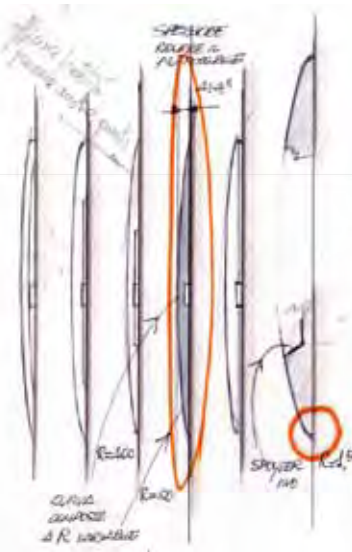


LIVINGLIGHT: THE VALUE OF DESIGN

Modernisation, characterisation, light.
Guidelines for a universal look



AIR COVER PLATE



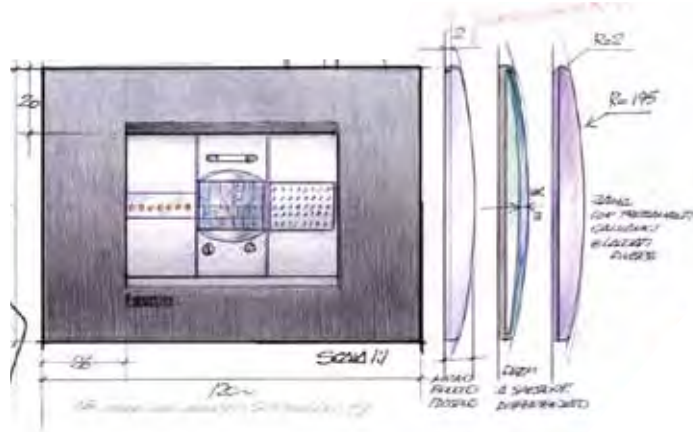
 less than
5 mm thick

**CHARACTERISATION:
SHAPE AND FUNCTION
MEET AN IMPECCABLE
LOOK**

A refined combination of shapes, colours, materials and surfaces to meet all tastes: from minimalist to sophisticated, from traditional to bold.

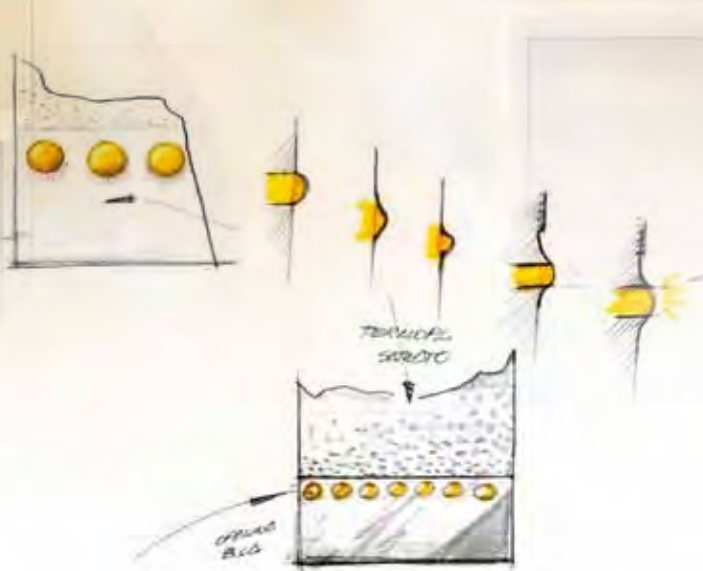
MORE MODERN LINES

Lines and shapes of the LIVINGLIGHT DESIGN are the result of the best trends of contemporary style.



SQUARE COVER PLATE

ROUND COVER PLATE



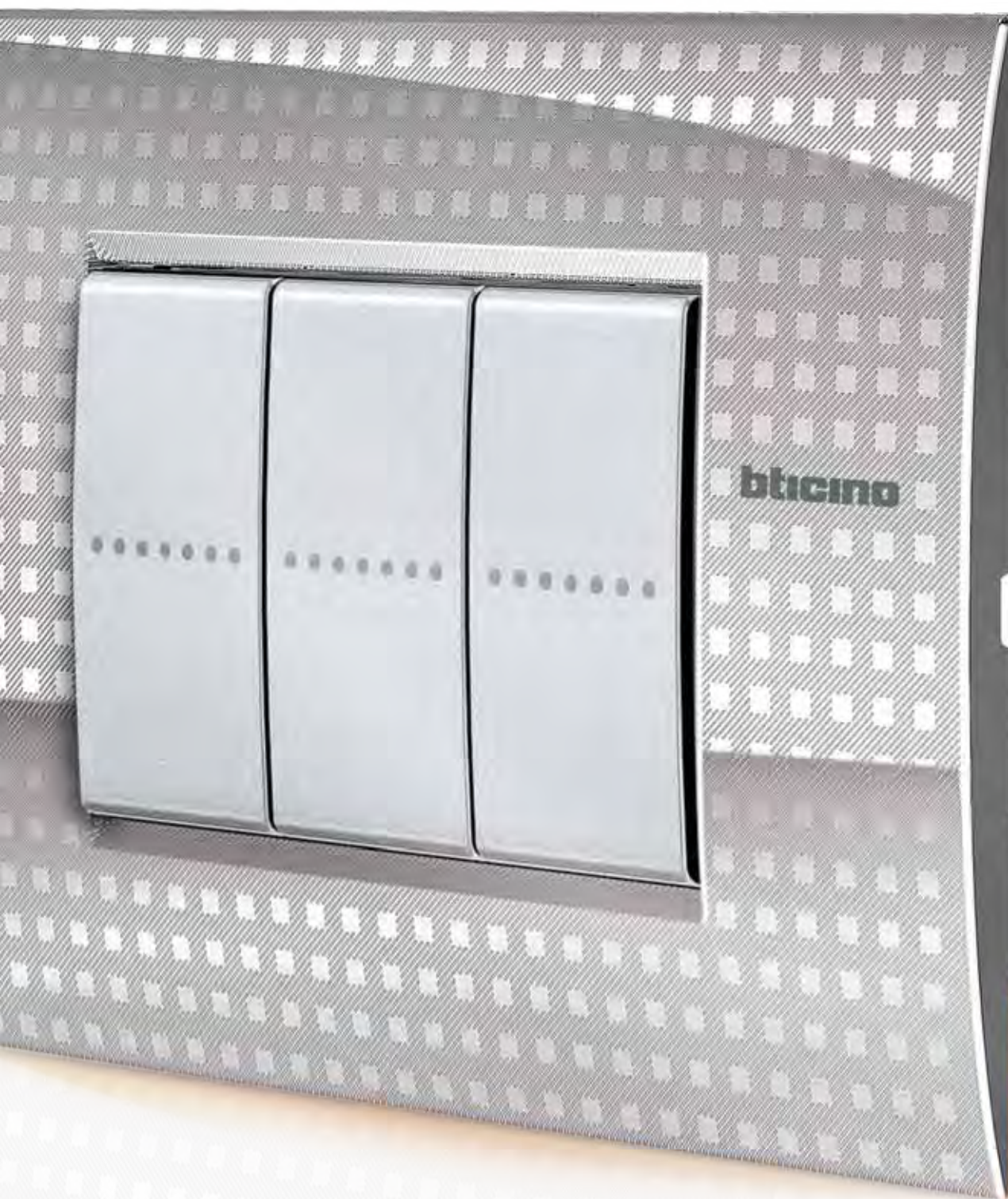
LIGHT: VALUE THAT UNITE
 Lights the controls, it warms and envelops you without ever becoming too imposing. Light is the essence of the LIVINGLIGHT world, which now more than ever contributes to creating a new exclusive harmony.

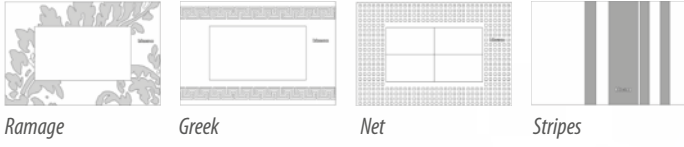
LIVINGLIGHT AIR

The thin art of perfection

➤ Design and technology come together in the perfect shape of AIR, an absolute LIVINGLIGHT innovation. With a thickness of less than 5 mm

and an elegant and exclusive selection of finishes and materials, LIVINGLIGHT AIR is the top of LIVINGLIGHT innovation in design and look.





Ramage

Greek

Net

Stripes

Stripes



Satin gold



Lava



DECORS

Carefully treated surfaces using Laser technology, for unique finishes.

BRIGHT

Finely treated metal for a reflective and satin surface (Peltrum, Palladium, Satin Gold, Satin Nickel).

NEUTRAL

Material effects that to match the finishes of the keys (Lava, Pearl white, Moon silver).



less than 5 mm thick

*LIVINGLIGHT AIR.
Design and technology meet in a thin cover plate with a refined design.*

ROUND COVER PLATES

Free to choose your own style

➤ The range of round cover plates offers a new endless number of possibilities, thanks to the new material finishes and colour solutions, which make it possible to find the solution most suitable to your needs.



Sky

TWIN

Two elements in different colours, perfectly matched for a strong colour combinations.



Tight

CLASSY

Refined range of solutions in three sophisticated nuances.



Sunset

GLOSSY

For an extra-glossy effect in three main colours.



Marrakesh

NATURALIA

Material and tactile effects ensure harmony with building materials and furniture.



Dark Oak

ESSENCES

The natural beauty of wood depicted with style.



Tech

NEUTRAL

Perfect colour alignment between cover plate and control.



METALS

Elegant and precious finishes.

Titanium

SQUARE COVER PLATES

The classic, now renewed for a timeless design

➤ Only the great classics can renew themselves while preserving the style that made them unique over the times. LIVINGLIGHT square cover plates are just that: timeless classics that can

keep up with the most contemporary designs thanks to more and more intelligent style and function solutions.



Bamboo

ESSENCES

Design and nature meet in this wood range: bamboo, cherry, and our elegant national walnut.



London Fog

KRISTALL

A refined and successful concept, which today can also be combined with all available mechanisms.

White



NEUTRAL

Perfect colour match between cover plate and control.

Orange



DEEP

Fascinating nuances with bright colours, obtained through state of the art plastic treatments.

Bronze



METALS

The reflections of metals are revisited in line with contemporary living.

Brushed steel



NATURALIA

Material textures inspired to the simplicity of construction materials.

Club



SILK

Silk textures for a new tactile pleasure, meet soft reflections and new colours.

THE DESIGN OF THE CONTROLS

Technology meets style

➤ Beautiful and functional, the new LIVINGLIGHT controls renew themselves.

The new finishes, the LED light on all model, and the new mechanism, all contribute to a new solution capable of meeting each and every need with style. Impeccable look, and the most practical and ergonomic shapes.

ROCKER CONTROLS: CONTINUITY AND RENOVATION

Better performance and look for maximum practicality and functionality.



TECH KEY

Same style as the white key, but in a grey Tech colour, for a more technological look.

AXIAL CONTROLS: BTICINO INNOVATION

BTicino introduces the alternative to the traditional rocker controls. Axial controls are the ideal solution to enhance the planarity of the new AIR plate. A high level offer, for a quiet and reliable control, result of the most sophisticated electromechanical technology.



ANTHRACITE KEY

With continuous single material satin texture for a simple and refined look.

WHITE KEY

More pleasant to the touch thanks to the silk effect extra-fine satin finish.

The control point is always CLEAN, for a perfect look.

THE LIGHT

LED across the whole range



The light, present on all controls, has an elegant amber colour, for a suggestive look that is never overpowering.

Thanks to LED technology, consumptions are extremely reduced, in line with BTicino energy saving policy.



RESEARCH AND INNOVATION AT THE DISPOSAL OF THE CUSTOMER

Reliability, safety, and ergonomics: stringent tests for a top product

➤ The design capabilities of BTicino give way to unique technical solutions, all patented, for the realisation of products that are beyond comparison in terms of reliability, safety and ergonomics.

LIVINGLIGHT products pass the most stringent chemical, mechanical, electric and thermal tests with flying colours.

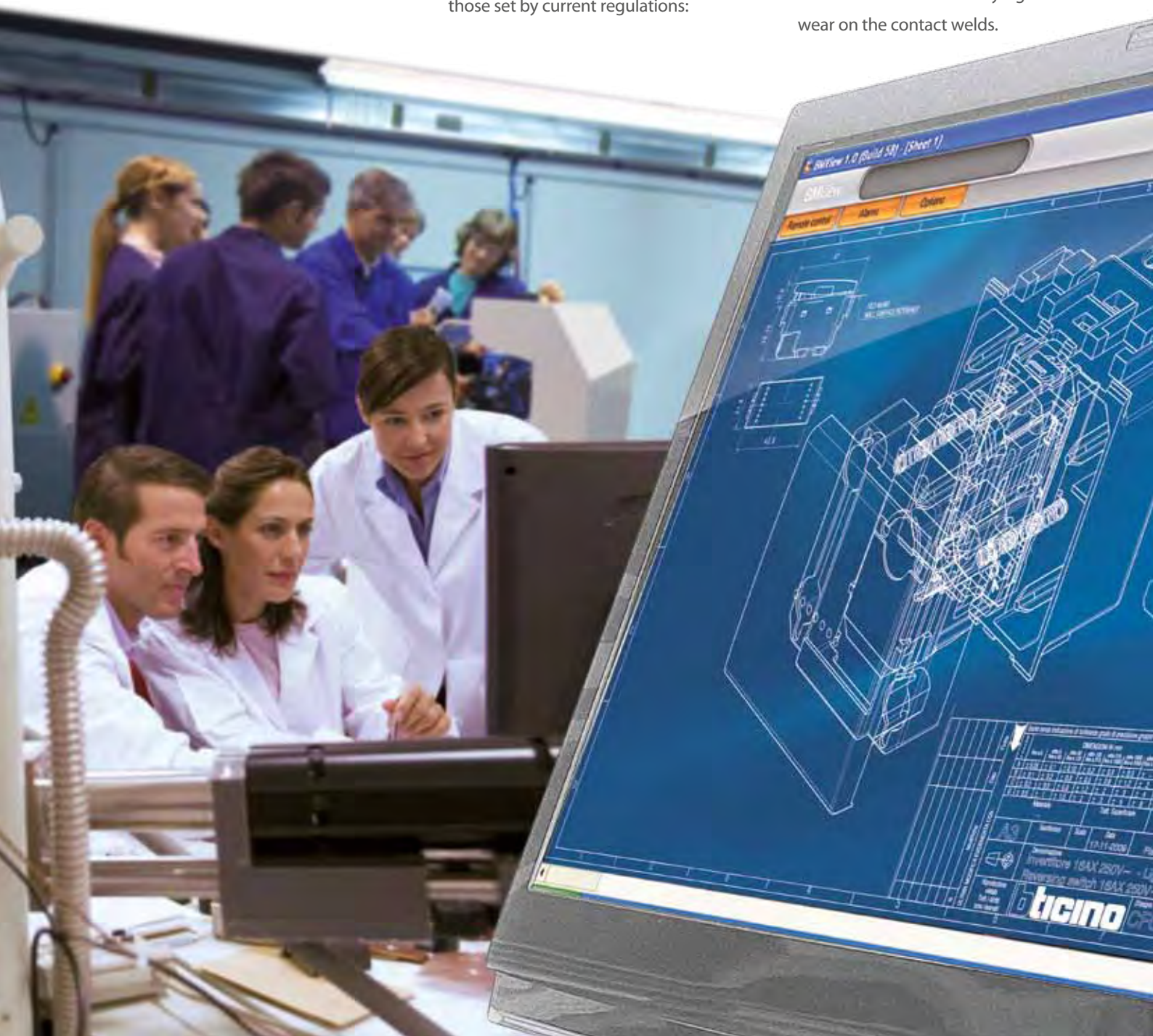
RELIABILITY AND SAFETY

To guarantee a long-lasting and totally safe product, the new LIVINGLIGHT controls undergo tests that are much more demanding than those set by current regulations:



RELIABILITY AND SAFETY

- **100,000** activation with normal load rather than 40,000
- **overload test** without any signs of wear on the contact welds.





LIGHT

ERGONOMICS: THE CLICK BECOMES LIGHT AND SILENT

More comfort thanks to the ergonomic solutions implemented for the new electro-mechanic engine and the use of sound proofing materials:

- 19% reduction of strength needed for the activation of controls
- soft and silent activation click.



SILENT

NEW GENERATION OF ELECTROMECHANICAL CONTROLS

Completely redesigned for better performance



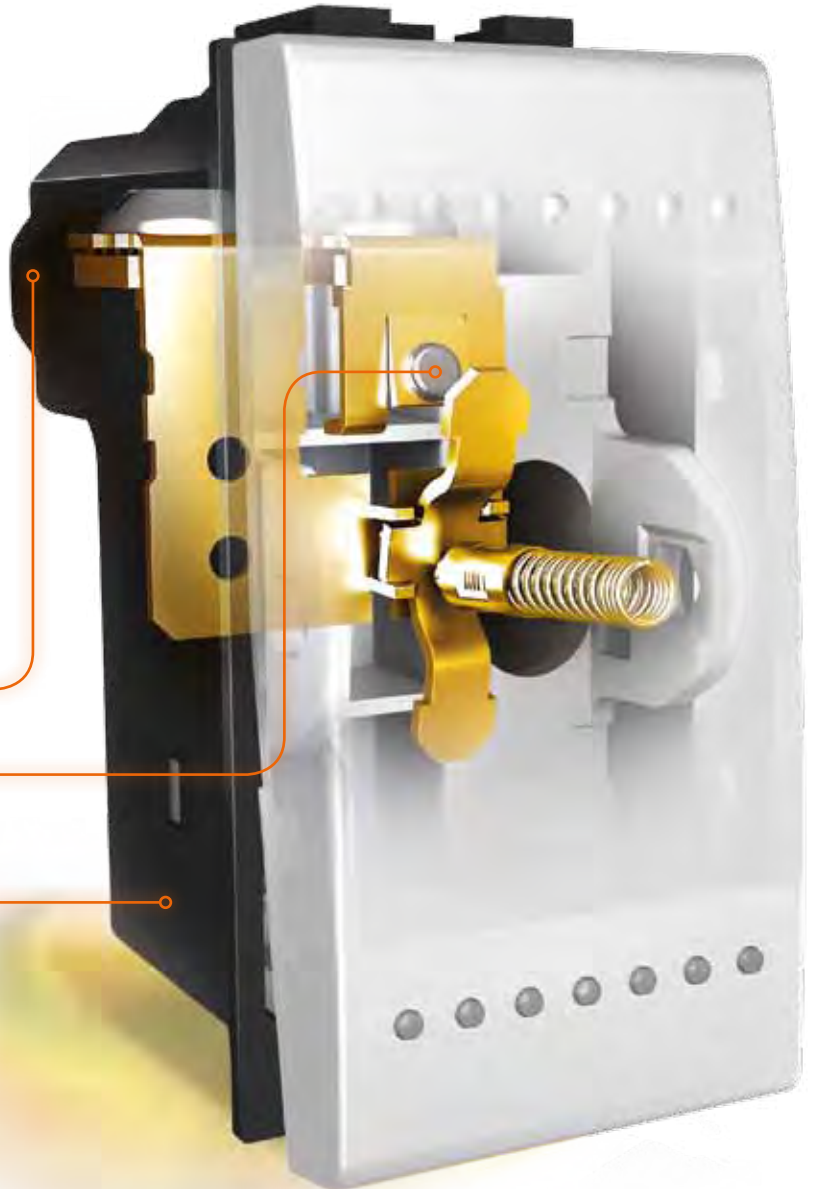
➤ The BTicino research has resulted innovative solutions for a new generation of **rocker and axial** electromechanical controls, with exceptional performance obtained through ECO-SUSTAINABLE processes:

- reduction of the raw materials used (metal)
- reduction of energy consumptions.



THE NEW CONTROL ENGINE, MORE PRECISE AND WITH SUPERIOR PERFORMANCE

- New cable clamping system for better mechanical strength.
- New patented contact system, with absolute precision of mechanical movements.
- New more resistant monobloc housing.



Rocker control



THE AXIAL CONTROL DIFFERENTIATING SOLUTION

Axial switch, is the exclusive BTicino solution that, thanks to the modern and accurate aesthetic, it offers a high quality of the switch point, elegant and with a perfect continuity between cover plates and controls either in ON or OFF

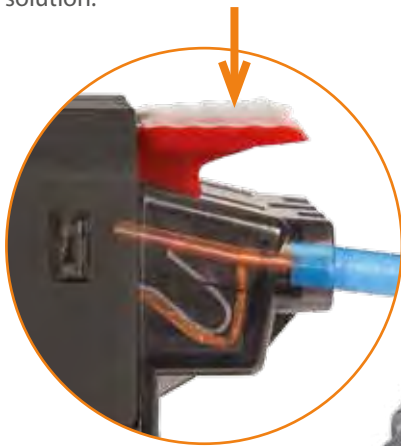
AUTOMATIC CLAMPS FOR CONTROL DEVICES

Simply the best: fast, simple, reliable, resistant and flexible

➤ Also with a component as simple as this, BTicino pays attention to each single detail, offering a high level solution.

■ **Fast:** just a few seconds required for wiring the device.

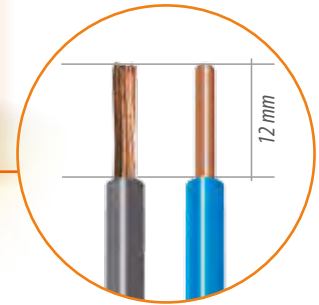
■ **Reliable and Resistant:** cable connection strength guaranteed across the time



■ **Simplicity:** no special wiring tools required.



Embossed cable stripping mark



Rigid and flexible cable stripping: 12 mm



■ **Flexibility:** possibility of using cables of different sections.

	ROCKER SWITCHES		AXIAL SWITCHES	
	1 module	2 modules	1 module	2 modules
1 WAY SWITCH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 WAY SWITCH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4 WAY SWITCH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PUSHBUTTON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Devices **with** automatic clamps Devices **without** automatic clamps (screw clamps)



SOCKET OUTLETS WITH AUTOMATIC CLAMPS



➤ Available in three versions:

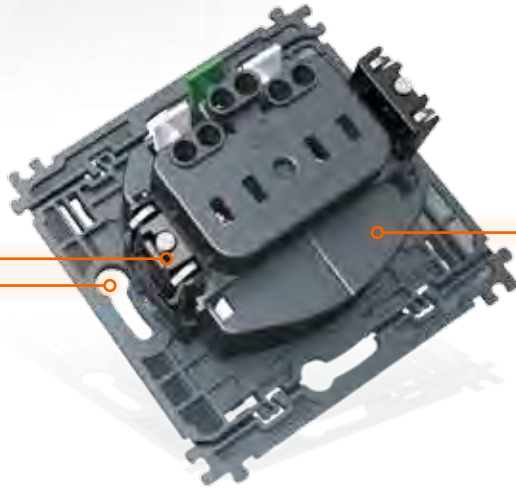
- Monobloc
- Monobloc with door
- Modular

Monobloc versions compatible with both 71 mm and 57 mm fixing centre. 57 mm can be obtained by removing the removable section

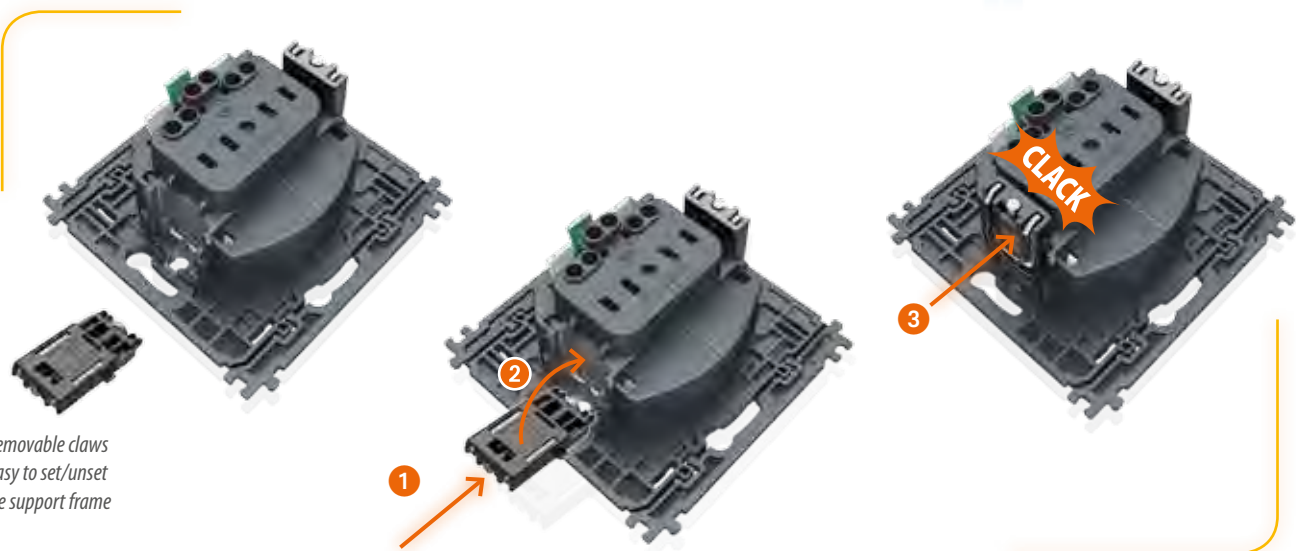


CRACK

It can be fixed using screws or claws (supplied), or both at the same time, to ensure better seal



Rigid cable up to 2.5 mm²
Stripping: 13 mm



CLICK

The removable claws are easy to set/unset on the support frame

NEW 2 MODULE SUPPORTING FRAMES

ONE SUPPORTING FRAME

Suitable for square and round cover plates.

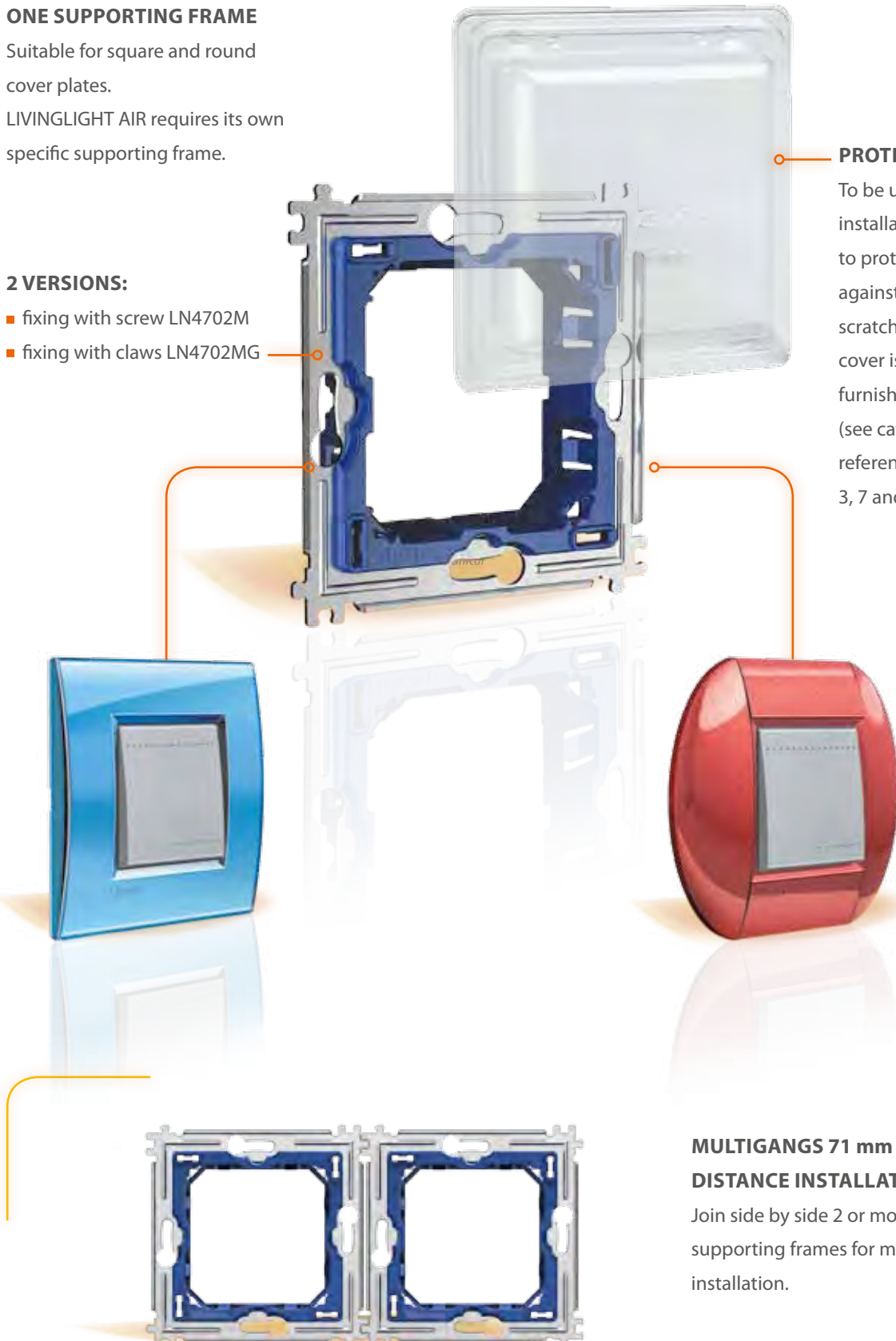
LIVINGLIGHT AIR requires its own specific supporting frame.

2 VERSIONS:

- fixing with screw LN4702M
- fixing with claws LN4702MG

PROTECTION COVER

To be used during all the installation stages on site, to protect the mechanism against dust, paint and scratches. The protection cover is a separately furnished accessories (see catalogue page for references). Availability: 2, 3, 7 and 3+3 modules.



MULTIGANGS 71 mm CENTRE DISTANCE INSTALLATION:

Join side by side 2 or more supporting frames for multigang installation.

LIVINGLIGHT AIR

Installation system

PERFECT MATCH BETWEEN TECHNOLOGICAL RESEARCH AND STYLE

A cover plate that depicts and meets the contemporary minimal taste; a brand new and ultra-thin element, with minimum thicknesses for maximum planarity.



- All the **devices may be found** in the new LL catalogue for the installation of traditional and home automation systems.

- AIR is the best dressing also for electronic products, ensuring a **perfect match between the most advanced design and the latest technology.**



Dedicated Video Display and Touch Screen versions supplied with integrated Air support.

The dedicated Air support gives the possibility of obtaining a 5 mm thick light point

Reduced thickness and lowered hooking systems, to ensure the back position of the mechanisms inside the box.

Glass reinforced plastic material, for a perfect mix between flexibility and resistance.



Protection cover made of recyclable plastic material

Protection guaranteed

The clear protection is supplied **as standard with Air 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.

SOME USEFUL SUGGESTIONS FOR A STATE OF THE ART INSTALLATION AND TO PROTECT THE DEVICES WHILE INSTALLING THE SYSTEM

➤ Before wiring the device, clean the inside of the box. *



➤ Do not leave the wired devices hanging out of the boxes, during building yard work



➤ The protection protects the devices from dust, paint, and scratches, even after their installation.



➤ After all work has been completed, remove the protection cover and fit the cover plates.



* : In new systems, the box extension accessory may be installed (e.g.: 503ESE), to provide more room inside the box.

ENERGY EFFICIENCY

BTicino innovation, always more and more attentive to the environment

➤ Respect for the environment and compliance with the new building regulations, saving energy without

compromising on modern life comfort is today possible. BTicino offers solutions for an environmentally

intelligent management of lighting, and for the control of domestic energy consumptions.

GREEN SWITCH: ILLUMINATION ONLY WHEN NEEDED

Green Switch is the intelligent state of the art solution for **managing lighting without waste** in the residential and service sectors. The light is switched on by the user and goes off automatically when no one is in the room.



Double technology Green Switch
- infrared and ultrasounds,
- ECO MODE -
- AUTO MODE -










Passive infrared movement sensor
- AUTO MODE -




**UP TO
55%
SAVINGS**


IN COMPLIANCE
WITH EN15193
STANDARD

FEATURES

	POWER SUPPLY		Sensor technology	Operating mode	Use destination
	230 Va.c.	27 Vd.c. (from BUS SCS)			
GREEN SWITCH			Infrared (PIR) and ultrasound (US)	 ECO MODE	Offices Domestic rooms (living room, sitting room, etc.)
				 AUTO MODE	
MOVEMENT SENSORS			Infrared (PIR)	 AUTO MODE	Corridors Toilets

LEGEND:

 **ECO MODE**
The load is switched on manually and switched off automatically by the sensor, depending on movement detection and the desired lighting level.

 **AUTO MODE**
The switching on and off of the load are ordered automatically by the sensor, depending on movement detection and the desired lighting levels.



A COMPLETE CONSUMPTION AND ENERGY PRODUCTION CHECK-UP

Using the touch screens it is possible to display both the consumptions inside the own home - electricity, water, and gas - and the energy and hot water production of photovoltaic or solar panel systems.

A few simple steps to select:

- the type of consumption to check
- the type of display (instantaneous or graphic)
- the period (day, month, year).

And use this information to make the most of the system, **reducing waste and faults.**



Touch screen with consumption display



Zone temperature control

HEATING AND COOLING ONLY WHEN REQUIRED

With BTicino temperature control (both traditional and MY HOME), it is possible to:

- select the temperature of each single room
- split the system into zones

- activate the heating only when required, preventing it from being switched on with the windows open.

In addition, thanks to the zone temperature control, the building **gains an energy class** and users save on their bills.

NEW DIMMERS

Full management of all types of loads

➤ From the new BTicino dimmers the answer to the current market requirements:

- **loads to manage** - an offer in line with the advancement in lamp technology
- **powers** - reductions of minimum managed powers, to optimise usage with the new higher efficiency lamps
- **extreme flexibility** - management of different types of load using the same dimmer
- **multi-technology** - included in the traditional 230 Va.c. offer, MY HOME bus and radio.



MULTILOAD

Dimmer for the control of traditional lamps, new energy saving halogen lamps, and halogen lamps with or without transformer (ferromagnetic or electronic).



0-10 V BALLAST

Dimmer for fluorescent lamps with 0-10 V ballast.



DIMMER TYPE	Energy saving lamps halogen energy saving	Halogen electronic transformer	Halogen ferromagnetic transformer	Halogen 230V	Incandescent 230V	Fluorescent lamps with ballast 0-10V
RESISTIVE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RESISTIVE-CAPACITIVE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RESISTIVE-INDUCTIVE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MULTILOAD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BALLAST 0-10V	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Two types of ergonomics

A wide range of flush mounted dimmers, in the knob and pushbutton version, available in 1 or 2 module solutions.

KNOB DIMMER

A traditional movement, with ergonomic grip, for the best possible adjustment.



PUSHBUTTON DIMMER

To switch the light on and off, and bring the light to the desired level with a simple soft touch. Possibility of setting different brightness levels.

WIRELESS FREEDOM

MY HOME radio system: for simple and flexible home automation systems

- The MY HOME radio system gives the possibility of very easily creating advanced electric systems for the automation of lights and rolling shutters, and for the protection of the home from gas leaks and flooding.
- Thanks to the radio transmission and the battery powering of controls, the devices easily integrate with the infrastructure of the traditional electric system, without the need for any additional wiring.
- The use of the ZigBee technology for the communication of devices makes it possible to use the MY HOME system also in large spaces with obstacles and partition walls.



Dimmer light radio control



Remote control for the management of lights and rolling shutters



■ **THE ADVANTAGES IN A NEW SYSTEM:**

Creation of new systems with home automation functions using the infrastructure of the traditional electric system.

■ **THE ADVANTAGES IN THE REFURBISHMENT:**

Evolution of a traditional electric system: from the addition of a new control system without the need for masonry walls, to the realisation of basic home automation functions.

■ **THE ADVANTAGES OF INTEGRATION WITH MY HOME:**

Use of radio devices to extend the Bus Automation system to rooms without twisted pair.



Radio control for rolling shutter

ON/OFF radio control for two lights

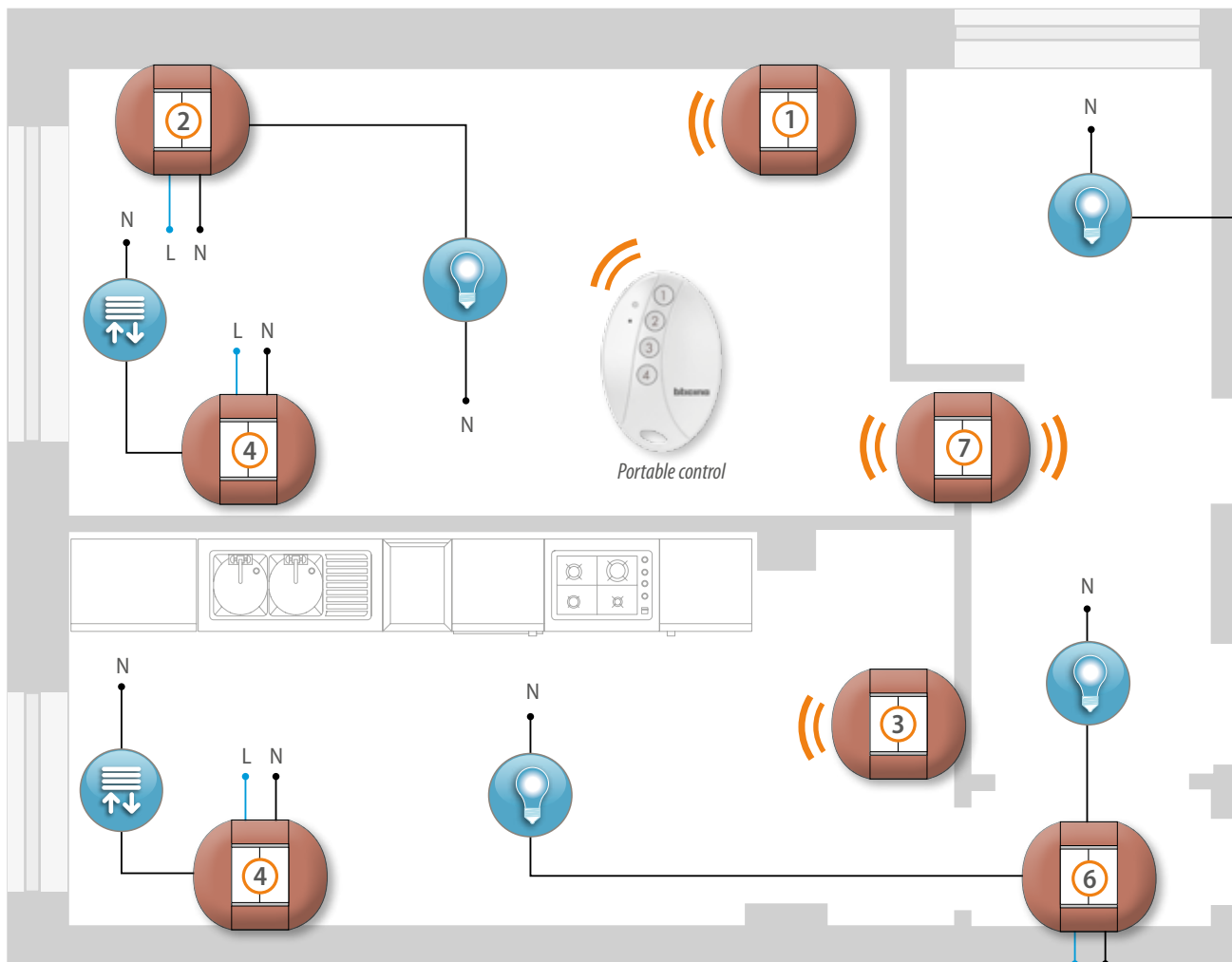
Scenario radio controls for simultaneous activation of lights and rolling shutters based on life styles

WIRELESS FREEDOM

POSSIBLE FUNCTIONS

The ZigBee® radio system gives the possibility of creating home automation systems with the following functions:

- light switching on and dimmer
- automation of motorised shutters and rolling shutters
- simultaneous activation of several users (scenarios), to create comfort situations based on the needs of the user
- management of technical alarms for the protection of the home from gas leaks and flooding.



① Dimmer Control



② Dimmer actuator



③ Rolling shutter control



④ Rolling shutter actuator

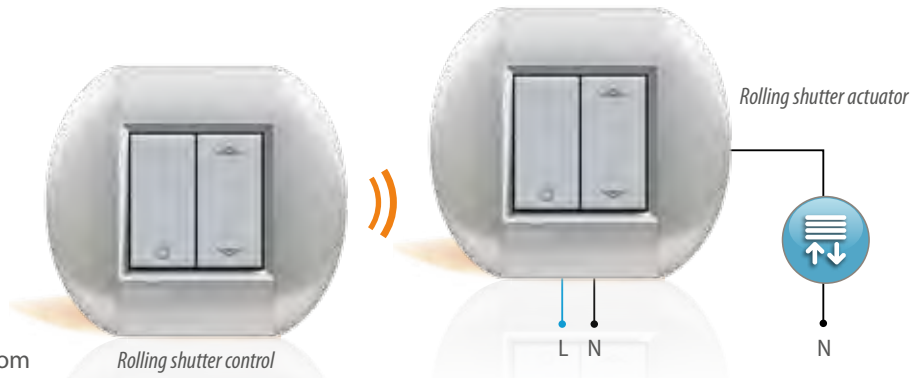


⑤ ON/OFF control

DEVICES

The range is split into:

- devices for the control of the load, integrated in the electric system
- battery operated control devices, installable everywhere in full freedom
- devices for interfacing with the MY HOME bus and for the management of technical alarms.



ZIGBEE® RADIO TECHNOLOGY (*)

ZigBee® radio transmission protocol, recognised everywhere in the world, is a guarantee of reliability and high performance.

The devices of the system do not interfere with the wireless devices inside the home, such as burglar alarm, computer, Wi-Fi data network, etc.



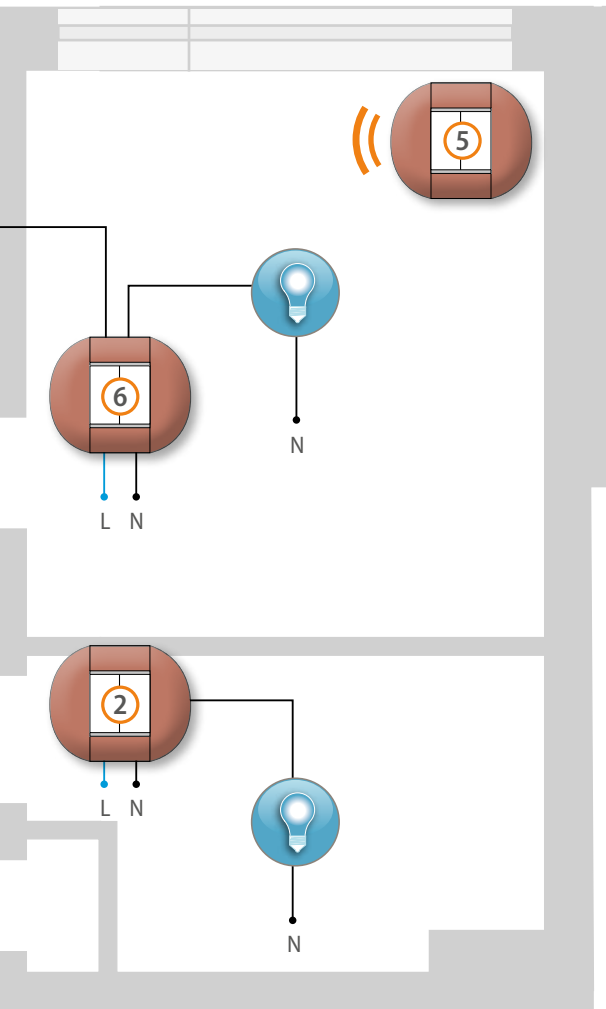
SIMPLE AND QUICK SYSTEM CONFIGURATION

The system configuration does not require tools or software.

For the association of all the devices of the ZigBee® network, a simple pressure of the appropriate pushbutton on the front of each device is enough.



Note (*): ZigBee Certified Product - Manufacturer Specific Profile



6 ON/OFF actuator



7 Scenario control

NEW FLUSH MOUNTED VIDEO HANDSETS AND MULTIMEDIA

Handsets matching the design of the system, and multimedia solutions ensuring that all the connections are at your fingertips

ADVANCED HANDSFREE VIDEO HANDSET

- The electronic section of the video handset must be customised with a front cover available in three finishes, white, tech, and anthracite, for perfect integration with the rest of the controls.
- If connected to a MY HOME system, it also becomes an advanced control unit.
- Its use is simple and intuitive, thanks to the icon based OSD management menu.
- Possibility of home video monitoring functions (for preset systems only).



The video display dressed with new cover plates

New actuator control: home automation becomes even more accessible

UNIFIED SOLUTION FOR LIGHTS AND ROLLING SHUTTERS

The new control with integrated actuator is a valid alternative to single devices, of which it preserves the functionalities.

Only one device to wire instead of two, making installation operations easier, particularly in small to medium systems.



Actuator control



Video socket with RCA connectors and audio socket with 3.5" jack connector



Video socket with HD15 (VGA) connector

Audio and video socket with HDMI connector

Data socket with USB connector

Audio socket with RCA connector

LIVINGLIGHT AUDIO AND VIDEO SOCKETS

The new range also includes a number of connectors for the distribution of audio and video signals, for the connection of digital devices such as computers, digital readers, stereo systems, etc.

MY HOME

With LIVINGLIGHT the best of digital technology

ADVANCED ELECTRIC SYSTEMS

MY HOME is the BTicino high technology home automation system for the design more advanced

electric systems in terms of comfort, safety, energy saving, audio/video communication, and local or remote control.

AN OPEN SYSTEM

MY HOME enables both integration of products of other brands, and communication with the outside world using the TCP/IP protocol.



ENERGY MANAGEMENT

- Temperature control
- Load management
- Consumption display



SAFETY

- Burglar-alarm
- Technical alarms
- Remote assistance
- Anti-blackout automatic reset
- Video monitoring system



COMFORT

- Light automation
- Management of rolling shutters and automations
- Sound system
- ZigBee® radio system

NEW

2 TECHNOLOGIES

- Cable solution using the SCS digital Bus.
- Radio solution ZigBee®.



LOCAL CONTROL AND INTEGRATION

- Scenario activation
- Local management through touch screen, TV, and PC
- Function integration

REMOTE CONTROL

- Remote management through the MY HOME WEB service using a PC or smartphone

VIDEO DOOR ENTRY SYSTEM

NEW

- Home automation function control
- Home video monitoring system

IN THE HOTEL LIKE AT HOME

A complete offer for a state of the art electric system also in the hotel room

- Maximum attention to customer requirements in terms of:
 - available services
 - comfort
 - simple interaction with products and functions.

The BTicino Hotel range has been conceived for pleasant hotel stay, making guests feel as if they were in their own homes.



Inside the room: "do not disturb – make up the room" pushbuttons, and supply badge pocket (network ON)

IMMEDIATELY AT EASE

The presence of a badge holder socket invites the guest to immediately interact with the room services on offer. To be left undisturbed simply press the "do not disturb" control.



Outside the camera: "do not disturb - make up room" pilot lamp with diffuser and doorbell



EXTRA ATTENTION TO SAFETY

Step marker lamps for the night, alarm pull cords and protected razor sockets to ensure maximum safety at all times.



Razor socket

**THE RIGHT ATMOSPHERE,
IN ONE MOVE**

Thanks to the MY HOME scenario control at the side of the bed, a simple touch is enough to create the desired atmosphere, adjusting lights, temperature, rolling shutters, or shutters.



MY HOME scenario control



**EACH FUNCTION CAN BE
RECOGNISED IMMEDIATELY**

A range of backlit masks with simple and intuitive symbols make each control recognisable and, and make it easier for the customer to interact with the available functions.



*Curtain adjustment,
bed headboard and bedside
cabinet lights management*

**CONNECTION, ENTERTAINMENT,
AND MULTIMEDIAILITY**

A range of products dedicated to audio/video connections provide the desired level of entertainment and relax.



*HDMI and USB connector for
managing readers and electronic
devices such as DVDs, digital
cameras, MP3 readers*

TECHNOLOGY AND FLEXIBILITY IN THE OFFICE

The whole network at your fingertips: from electric distribution to the structured cabling for the management of data and audio/video signals

MAXIMUM INTEGRATION

LIVINGLIGHT can be installed in all the Interlink solutions: column, workstations, protruding towers and underfloor boxes.



Workstation



Tower



Underfloor box

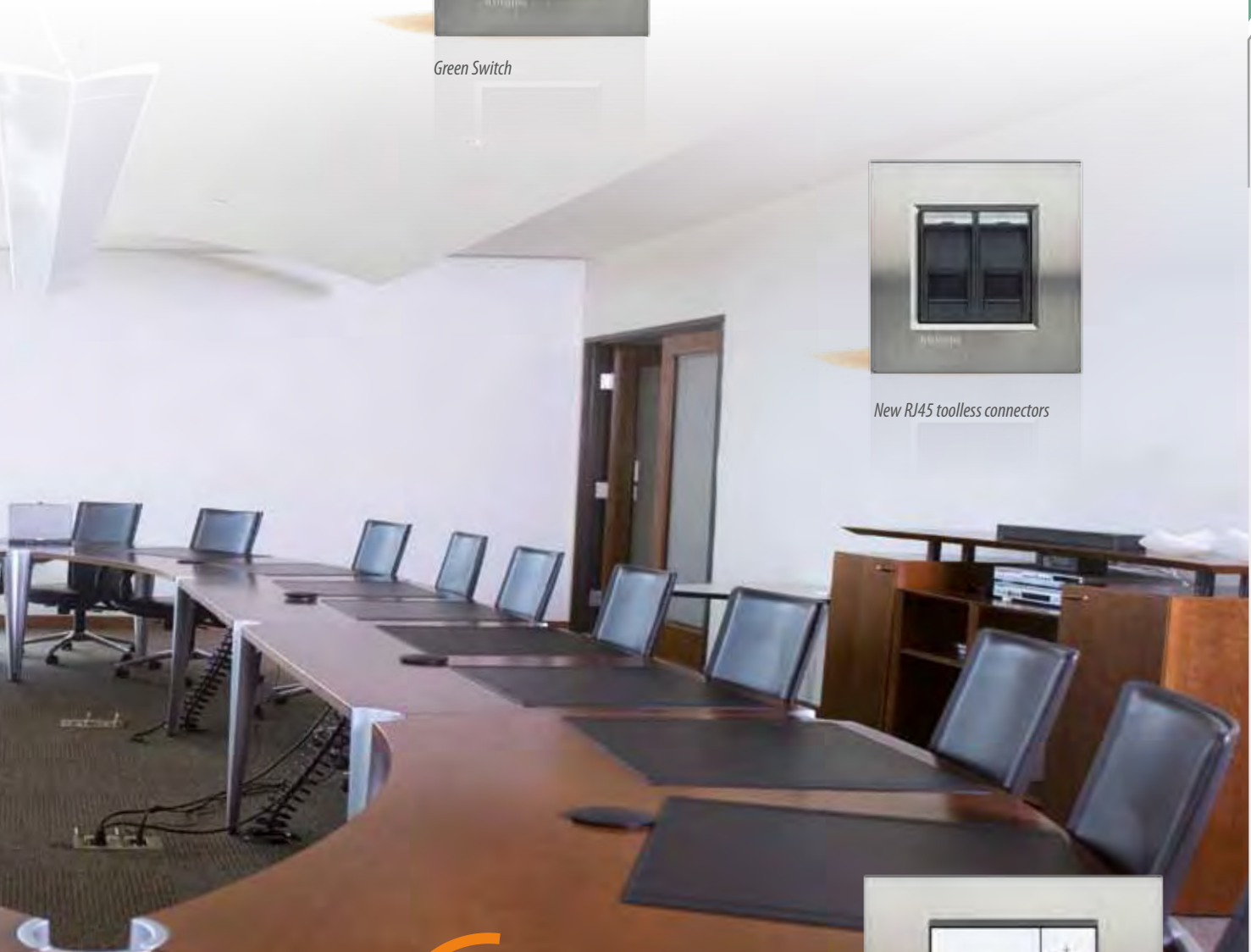
Single side column



Green Switch



New RJ45 toolless connectors



MEETING ALL CONNECTION NEEDS

Full design coordination of LIVINGLIGHT with various systems:

- BTNET, structured cabling system
- distribution of data and audio/video signals
- wireless extension of the data network with Wi-Fi Access Point.



Wi-Fi Access Point

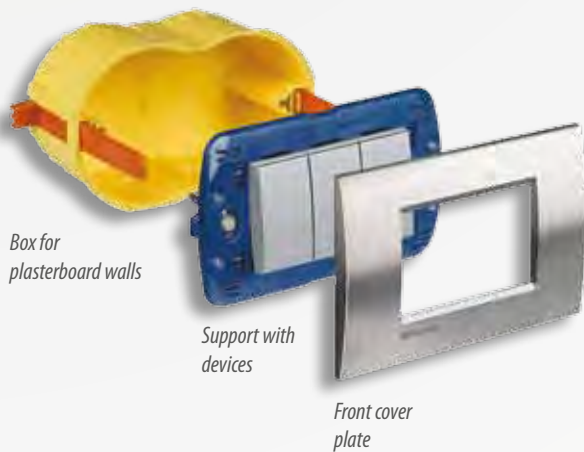


Audio and video connectors

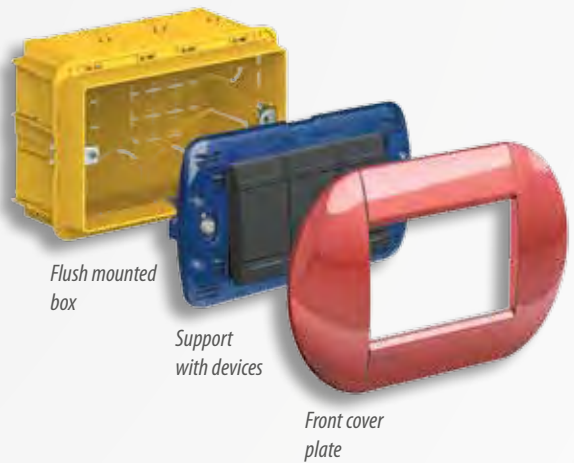
INSTALLATION SOLUTIONS

LIVINGLIGHT offers installation solutions suitable for all system requirements, combining functionality and look in each situation.

FLUSH MOUNTED IN PLASTERBOARD WALLS



FLUSH MOUNTED IN MASONRY WALLS



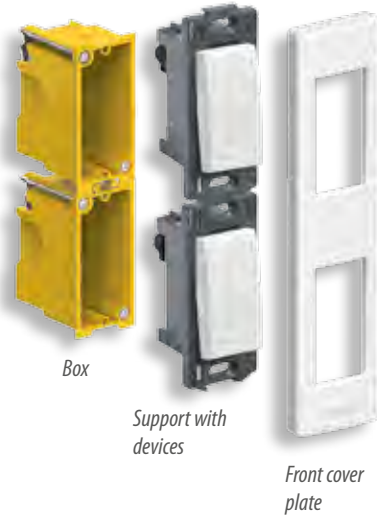
WALL MOUNTED



IN IP40 - IP55 PROTECTION BOXES



ON PROFILES



OTHER INSTALLATION SOLUTIONS



Workstation trunking



LIVINGLIGHT: AN INTERNATIONAL STANDARD

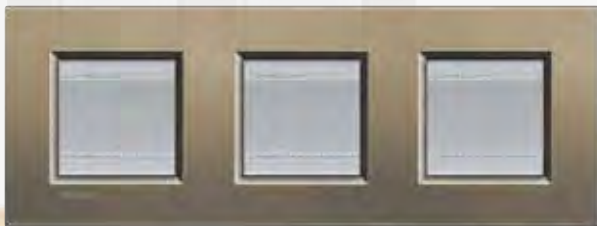
2 module standard area



2 modules



2 + 2 modules



2 + 2 + 2 modules



2 + 2 + 2 + 2 modules



2 + 2 + 2 modules



2 + 2 modules

BOXES

centre distance 71 mm

- Square and Round cover plates, available for vertical and horizontal installation.

BOXES

centre distance 57 mm

- Square and Round cover plates, available for vertical and horizontal installation.

3 module standard area



2 modules



3 modules



4 modules






7 modules



3 + 3 modules

MODULARITY

	3 module area					2 module area 71 mm			2 module area 57 mm	
	2	3	4	7	3+3	2+2	2+2+2	2+2+2+2	2+2	2+2+2
 SQUARE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 ROUND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 AIR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Available Not available

INSTALLATION: 3 MODULE AREA

LIVING-LIGHT

can be installed using normal flush mounted boxes and 2, 3, 4, 7, and 3+3 module supports. The light point can be completed with square or round cover plates depending on personal taste.

LIVING-LIGHT^{AIR}

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

- 3, 4, 7 and 3+3 module installation: traditional BTicino flush mounted boxes (503E), or boxes with minimum depth 50 mm.

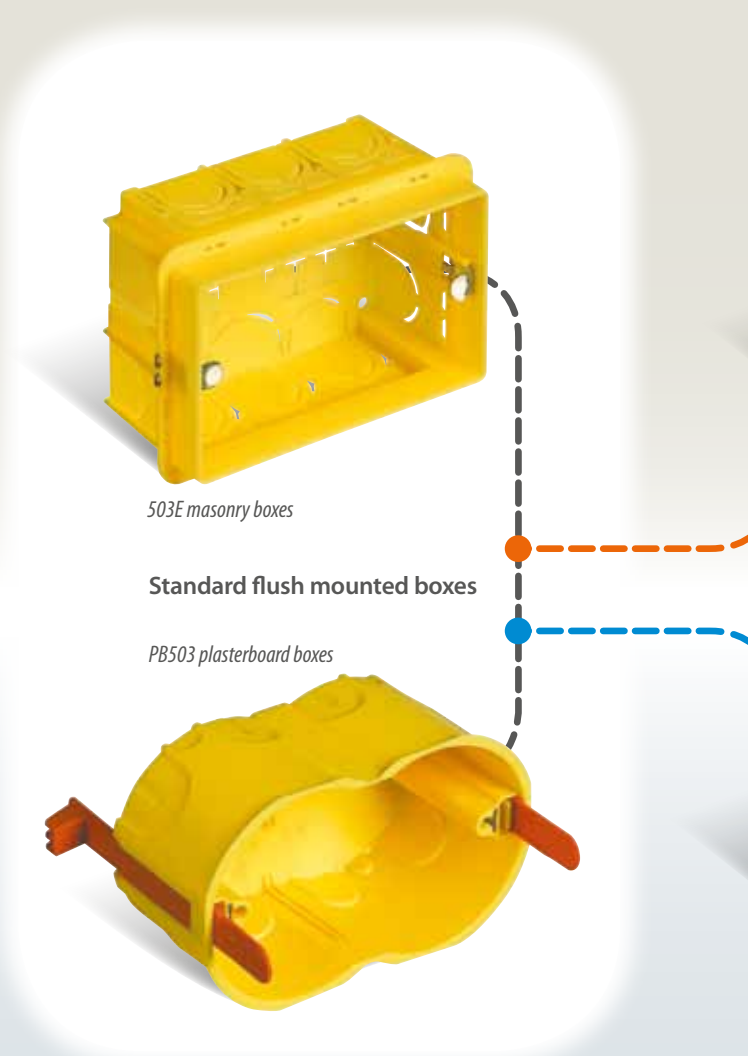
Suggestions:

- 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
- existing systems: check that the depth of the box is at least 50 mm.

BOX EXTENSION: THE SOLUTION CAN BE USED IN ALL BTICINO CIVIL LINES TO INCREASE THE WIRING SPACE

To make installation easier and quicker, an adaptor has been created, to increase the depth of the rectangular masonry wall flush mounted boxes.

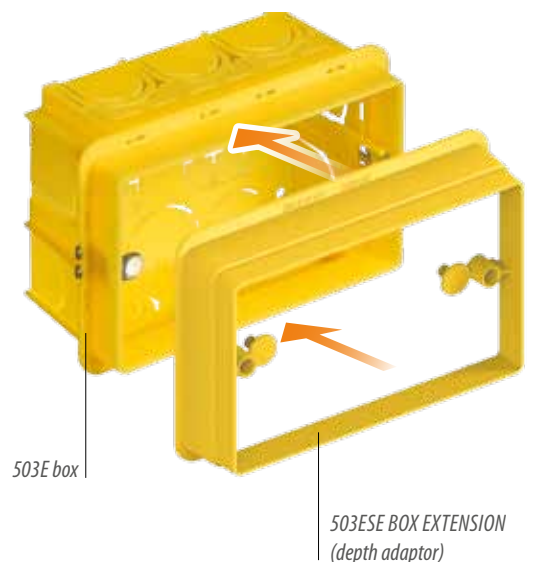
Available in 3-4-7- and 3+3 module versions. It makes wiring easier in case of several cables inside the same box, or for particularly deep devices.



503E masonry boxes

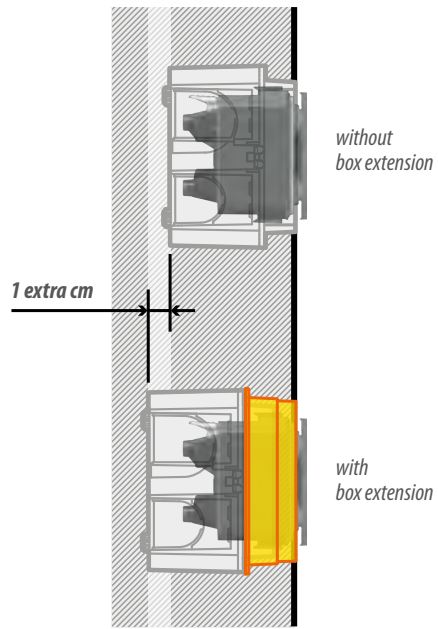
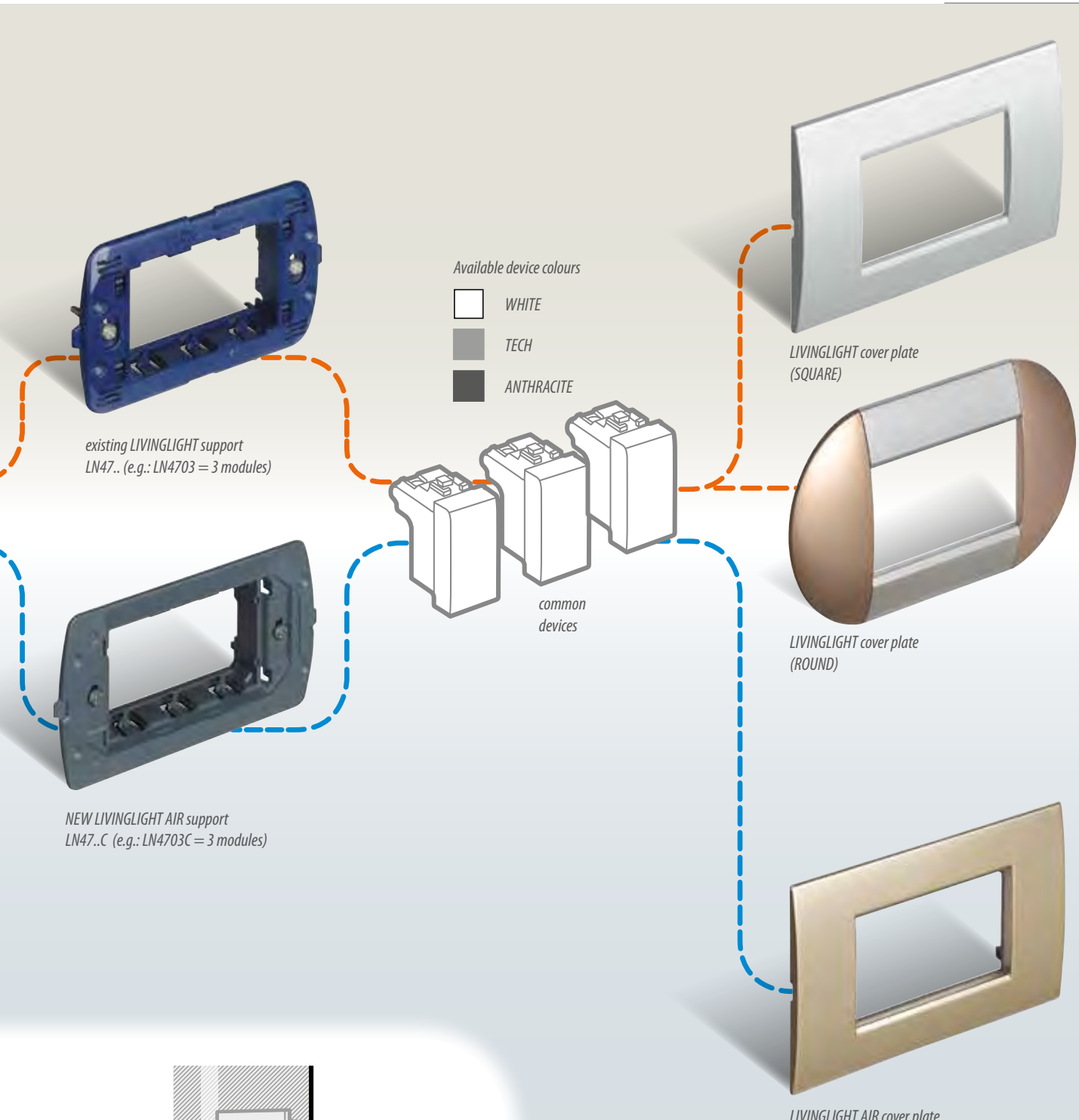
Standard flush mounted boxes

PB503 plasterboard boxes



503E box

503ESE BOX EXTENSION
(depth adaptor)



INSTALLATION: 2 MODULE AREA

LIVING-LIGHT

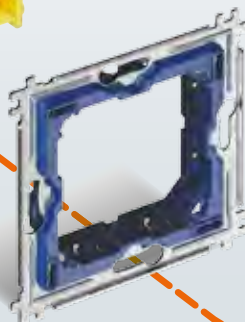
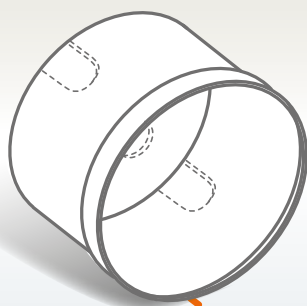
can be installed using normal flush mounted boxes and 2 module supports.

The light point can be completed with square or round cover plates depending on personal taste.

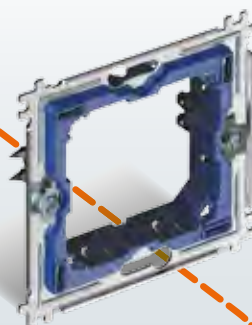
Standard flush mounted boxes



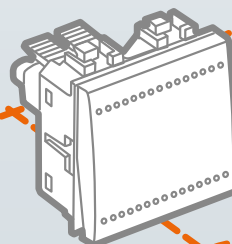
502E



LN4702M
support with screws



LN4702MG
support with claws



Available device colours



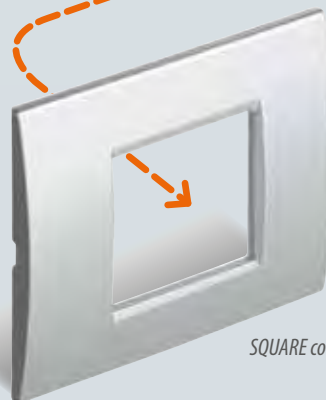
WHITE



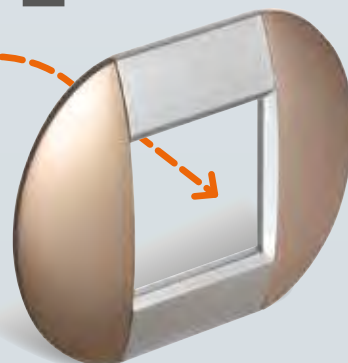
TECH



ANTHRACITE

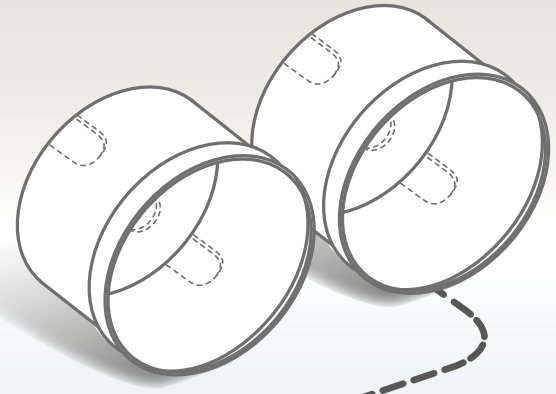


SQUARE cover plates

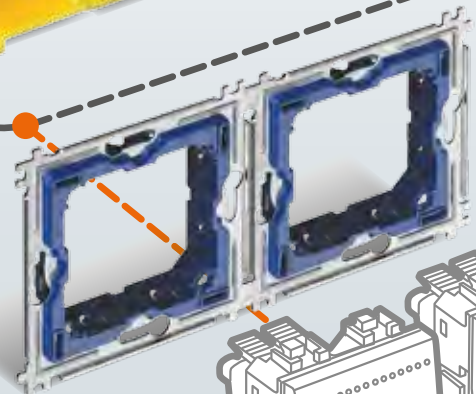


ROUND cover plates

Standard flush mounted boxes



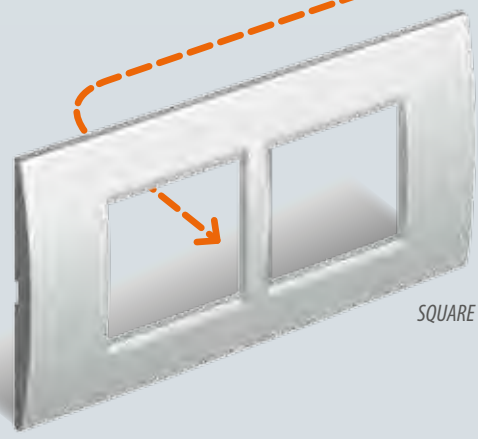
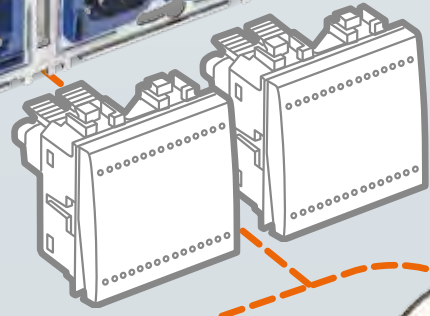
502E



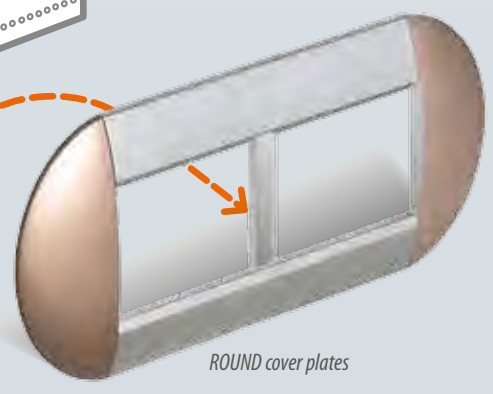
2 supports with screws
LN4702M combined

Available device colours

- WHITE
- TECH
- ANTHRACITE



SQUARE cover plates



ROUND cover plates

www.bticino.com and BTicino App A world that is too big to print!

Look at the online catalogue to find all product details: from technical data sheets, to the new products in the many ranges, with dedicated images, videos and brochures, **always kept up to date.**



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For each product, images of each component, colour variation, and function are available. Dedicated videos provide a better way of viewing the products and their functions.

Detailed information

Each product range is presented in dedicated pages of pdf brochures that can be freely downloaded.



Downloadable technical documentation

It is possible to download the technical documentation for each single product or component: instruction leaflets, manual, technical guides.



Download the **BTicino applications for tablet and smartphone** free of charge from App Store and Android Market



LIVINGLIGHT for smartphone

Download the application to combine the products of the range with each other and display them immediately in your own home. Just take a photo of the wall where the cover plate should be installed.



LIVINGLIGHT for tablet

The whole LIVINGLIGHT catalogue in an ad hoc Android iPad® and tablet application. It is possible to select the various combinations of cover plates/keys and see them used in the various environments. Also available are the installation details and the technical data found on the catalogue.



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and **BTicino App**

**All the information that you need,
up to date and at your fingertips**



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NOTE: the new codes are shown in the catalogue in orange (ex. N4001N).

BASIC CONTROL DEVICES

ROCKER CONTROLS



N4001N N4001M2N



NT4001N NT4001M2N



L4001N L4001M2N L4001/0

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

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



N4051A N4051M2A

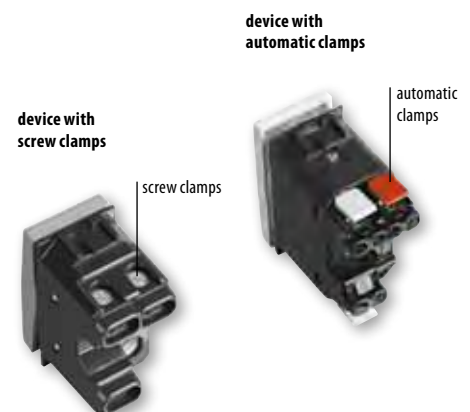


NT4051A NT4051M2A



L4051A L4051M2A

Description	DEVICES WITH AUTOMATIC CLAMPS		
	1 module	2 modules	
	Item	Item	
1 WAY SWITCH 1P 16 AX 250 Va.c.	<input type="checkbox"/>	N4051A	N4051M2A
	<input type="checkbox"/>	NT4051A	NT4051M2A
	<input type="checkbox"/>	L4051A	L4051M2A
2 WAY 25 SWITCH 1P 16 AX 0 Va.c.	<input type="checkbox"/>	N4053A	N4053M2A
	<input type="checkbox"/>	NT4053A	NT4053M2A
	<input type="checkbox"/>	L4053A	L4053M2A
4 WAY SWITCH * 1P 16 AX 250 Va.c.	<input type="checkbox"/>	N4054	N4054M2
	<input type="checkbox"/>	NT4054	NT4054M2
	<input type="checkbox"/>	L4054	L4054M2
PUSHBUTTON ** 1P (NO) 10 A 250 Va.c.	<input type="checkbox"/>	N4055A	N4055M2A
	<input type="checkbox"/>	NT4055A	NT4055M2A
	<input type="checkbox"/>	L4055A	L4055M2A



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

* axial inverters are fitted with screw clamps

** **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

KEY COVERS FOR ROCKER CONTROLS

1 FUNCTION KEY COVERS

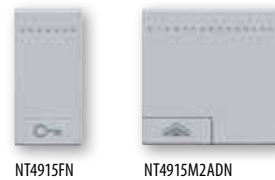


		NEUTRAL LIGHTABLE KEY COVERS		
		1 module	2 modules	3 modules
Description		Item	Item	Item
NEUTRAL KEY COVER WITH LIGHTABLE BOTTOM SECTION	<input type="checkbox"/>	N4915N	N4915M2N	N4915M3N
	<input type="checkbox"/>	NT4915N	NT4915M2N	NT4915M3N
	<input type="checkbox"/>	L4915N	L4915M2N	L4915M3N
HIGH BRIGHTNESS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

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



		KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL	
		1 module	2 modules
Description		Item	Item
KEY COVER WITH LIGHT SYMBOL	<input type="checkbox"/>	N4915AN	N4915M2AN
	<input type="checkbox"/>	NT4915AN	NT4915M2AN
	<input type="checkbox"/>	L4915AN	L4915M2AN
KEY COVER WITH STAIRCASE LIGHT SYMBOL	<input type="checkbox"/>	N4915BN	N4915M2BN
	<input type="checkbox"/>	NT4915BN	NT4915M2BN
	<input type="checkbox"/>	L4915BN	L4915M2BN
KEY COVER WITH BELL SYMBOL	<input type="checkbox"/>	N4915DN	N4915M2DN
	<input type="checkbox"/>	NT4915DN	NT4915M2DN
	<input type="checkbox"/>	L4915DN	L4915M2DN
KEY COVER WITH KEY SYMBOL	<input type="checkbox"/>	N4915FN	N4915M2FN
	<input type="checkbox"/>	NT4915FN	NT4915M2FN
	<input type="checkbox"/>	L4915FN	L4915M2FN
KEY COVER WITH DIMMER SYMBOL	<input type="checkbox"/>		N4915M2ADN
	<input type="checkbox"/>		NT4915M2ADN
	<input type="checkbox"/>		L4915M2ADN
KEY COVER WITH "DO NOT DISTURB" SYMBOL	<input type="checkbox"/>	N4915DD	
	<input type="checkbox"/>	NT4915DD	
	<input type="checkbox"/>	L4915DD	
KEY COVER WITH "REARRANGE THE ROOM" SYMBOL	<input type="checkbox"/>	N4915MR	
	<input type="checkbox"/>	NT4915MR	
	<input type="checkbox"/>	L4915MR	



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 MY HOME key cover section. Refer to 1 function customisable key covers.

KEY COVERS FOR ROCKER CONTROLS

METAL KEY COVER WITH LIGHTABLE BOTTOM SECTION 4 FINISHES FOR USE WITH SQUARE METALS COVER PLATES

Finish description		1 module	2 modules	3 modules
		Item	Item	Item
ICE GOLD	○	LN49310A	LN4931M20A	LN4931M30A
BRONZE	○	LN4931BZ	LN4931M2BZ	LN4931M3BZ
NICKEL	○	LN4931NS	LN4931M2NS	LN4931M3NS
SILVER*	○	LN4931AG	LN4931M2AG	LN4931M3AG

*NOTE: to use with SILVER cover plates part of NATURALIA family (o range)



LN49310A



LN4931BZ



LN4931NS



LN4931AG

METAL KEY COVER WITH LIGHTABLE BOTTOM SECTION FOUR FINISHES FOR USE WITH ROUND METALS COVER PLATES

Finish description		1 module	2 modules	3 modules
		Item	Item	Item
GOLD	○	LN49310C	LN4931M20C	LN4931M30C
DARK STEEL	○	LN4931AC	LN4931M2AC	LN4931M3AC
TITANIUM	○	LN4931TC	LN4931M2TC	LN4931M3TC
CHROME	○	LN4931CR	LN4931M2CR	LN4931M3CR



LN49310C



LN4931AC



LN4931TC



LN4931CR

KEY COVERS FOR AXIAL CONTROLS

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



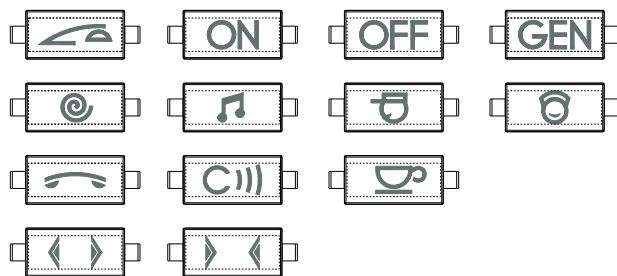
Note: these key cover may be used to replace the original ones supplied with the product

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






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

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






OTHER CONTROL DEVICES




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



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


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














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

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

Item	16 A 250 Va.c. CHANGEOVER SWITCH
<input type="checkbox"/> N4027 <input type="checkbox"/> NT4027 <input type="checkbox"/> L4027	 1 P 1-0-2 double-key changeover switch




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



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



Item	10 A 250 Va.c. PUSHBUTTONS
<input type="checkbox"/> N4034N <input type="checkbox"/> NT4034N <input type="checkbox"/> L4034N	 1 P (NC) opening pushbutton preset for interchangeable key covers
<input type="checkbox"/> N4036 <input type="checkbox"/> NT4036 <input type="checkbox"/> L4036	 1 P (NO) + 1 P (NO) double pushbutton
<input type="checkbox"/> N4037 <input type="checkbox"/> NT4037 <input type="checkbox"/> L4037	 1 P (NO) + 1 P (NO) interlocked double pushbutton
<input type="checkbox"/> N4033 <input type="checkbox"/> NT4033 <input type="checkbox"/> L4033	 1 P (NO) cord pushbutton
<input type="checkbox"/> N4038R <input type="checkbox"/> NT4038R <input type="checkbox"/> L4038R	 1 P (NO) pushbutton + lampholder for LEDs item LN4742V12T - LN4742V127T - LN4742V230T - red diffuser
<input type="checkbox"/> N4038V <input type="checkbox"/> NT4038V <input type="checkbox"/> L4038V	 as above - green diffuser
<input type="checkbox"/> N4044N <input type="checkbox"/> NT4044N <input type="checkbox"/> L4044N	 2 P (NO) pushbutton with independent contacts for traditional hospital systems
<input type="checkbox"/> LN4040	 1 P (NO) pushbutton + lightable nameplate with LEDs item LN4742V12T - LN4742V127T - LN4742V230T
<input type="checkbox"/> N4042N <input type="checkbox"/> NT4042N <input type="checkbox"/> L4042N	 1 P (NO) pushbutton marked with lightable bell symbol
<input type="checkbox"/> N4042M2N <input type="checkbox"/> NT4042M2N <input type="checkbox"/> L4042M2N	 1 P (NO) pushbutton marked with lightable bell symbol - 2 mod.
<input type="checkbox"/> N4043N <input type="checkbox"/> NT4043N <input type="checkbox"/> L4043N	 1 P (NO) pushbutton marked with lightable lamp symbol
<input type="checkbox"/> N4043M2N <input type="checkbox"/> NT4043M2N <input type="checkbox"/> L4043M2N	 1 P (NO) pushbutton marked with lightable lamp symbol - 2 mod.
<input type="checkbox"/> 26108N <input type="checkbox"/> 26108T <input type="checkbox"/> 26108L	 IP55 nameplate pushbutton - backlit with LED technology (included) - suitable for installation on 503E and 502E flush mounted boxes

RELAYS AND TIMERS



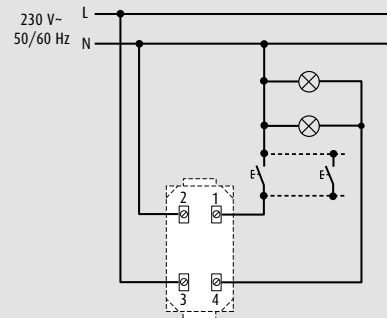
Item	MONOSTABLE RELAYS
<input type="checkbox"/> N4330/230 <input type="checkbox"/> NT4330/230 <input checked="" type="checkbox"/> L4330/230	 monostable relay with NO/NC contact 250 Va.c. 10 A (resistive) 4 A (inductive) cosφ 0.5 coil power supply 230 Va.c.
<input type="checkbox"/> N4330/12 <input type="checkbox"/>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

Item	ELECTRONICALLY HELD CYCLIC RELAYS
<input type="checkbox"/> N4341 <input type="checkbox"/> NT4341 <input checked="" type="checkbox"/> L4341	 circuit breaker cyclic relay 10 AX 250 Va.c. - 3 wires
<input type="checkbox"/> N4341/34 <input type="checkbox"/> NT4341/34 <input checked="" type="checkbox"/> L4341/34	 circuit breaker cyclic relay 10 AX 250 Va.c. - 3/4 wires

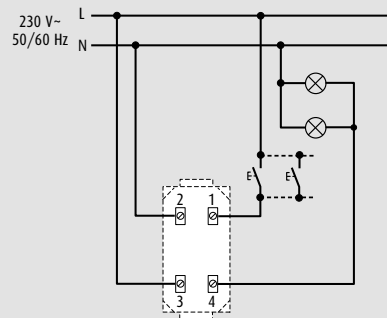
Item	TIMERS
<input type="checkbox"/> N4461N <input type="checkbox"/> NT4461N <input checked="" type="checkbox"/> L4461N	 1 to 12 minute adjustable electronic timer – pushbutton remote control – power supply 230 Va.c. – 6 A resistive / 2 A inductive 230 V.a.c. output contact
<input type="checkbox"/> N4461V127 <input type="checkbox"/> NT4461V127 <input checked="" type="checkbox"/> L4461V127	 as above 127 Va.c.

ELECTRONIC HELD CYCLIC RELAYS: ELECTRIC CONNECTIONS

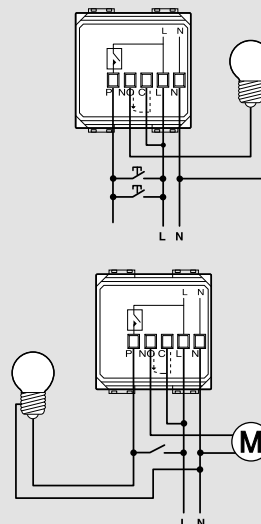
3 wire connection: for item N/NT/L4341 and N/NT/L4341/34



4 wire connection:
for item N/NT/L4341 and N/NT/L4341/34



TIMER N/NT/L4461N: ELECTRIC CONNECTIONS



DIMMERS



N4401



N4402N



NT4406



NT4413N



NT4407N
NT4408N
NT4409N
NT4410N



L4581



L4583

Item	KNOB DIMMER	
<input type="checkbox"/> N4401 <input type="checkbox"/> NT4401 <input type="checkbox"/> L4401		resistive/inductive knob dimmer 60-500 W - TRIAC/IGBT technology - SOFT-START and SOFT-STOP anti-dazzling function - built-in fuse - 2 modules
<input type="checkbox"/> N4402N* <input type="checkbox"/> NT4402N* <input type="checkbox"/> L4402N*		knob dimmer with built-in two way switch - resistive 60-500 W - TRIAC/IGBT technology - built-in fuse - 1 module
<input type="checkbox"/> N4406* <input type="checkbox"/> NT4406* <input type="checkbox"/> L4406*		resistive knob dimmer 100-500 W - 1 module
<input type="checkbox"/> N4581 <input type="checkbox"/> NT4581 <input type="checkbox"/> L4581		resistive knob dimmer 450/800 W - 1 modules
<input type="checkbox"/> N4583 <input type="checkbox"/> NT4583 <input type="checkbox"/> L4583		resistive knob dimmer 500/1000 W - 2 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/NT4413N). Alternatively, if installing the L/N/NT4002N and L/N/NT4406, the use of the box extension is recommended, as it will make wiring easier.

Item	TOUCH DIMMER	
<input type="checkbox"/> N4407N <input type="checkbox"/> NT4407N <input type="checkbox"/> L4407N		resistive/capacitive touch dimmer 200/400 W with electronic protection - 2 modules
<input type="checkbox"/> N4408N <input type="checkbox"/> NT4408N <input type="checkbox"/> L4408N		resistive/inductive touch dimmer 300/600 W with electronic protection - 2 modules
<input type="checkbox"/> N4409N <input type="checkbox"/> NT4409N <input type="checkbox"/> L4409N		resistive, inductive, capacitive multiloads touch dimmer 200/400 W with electronic protection - 2 modules
<input type="checkbox"/> N4410N <input type="checkbox"/> NT4410N <input type="checkbox"/> L4410N		touch dimmer output 0 - 10 V with electronic protection - 2 modules
<input type="checkbox"/> N4413N <input type="checkbox"/> NT4413N <input type="checkbox"/> L4413N		touch dimmer - TRIAC/IGBT technology resistive/inductive 60-500 W - SOFT-START and SOFT-STOP anti-dazzling function - built-in fuse - 2 modules
<input type="checkbox"/> N4582N <input type="checkbox"/> NT4582N <input type="checkbox"/> L4582N		resistive/capacitive touch dimmer 450/800 W - 2 modules



Loads (lamp, transformer, fan)										
Item	Type	Power supply range	Frequency	Power supply std	Incandescent	Halogens and Halogens Energy Saving	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent lamps with 0-10 V ballast*	Fan
N4401 NT4401 L4401	Resistive Inductive	230 Va.c.	50 Hz	230Va.c.	60 - 500 W	60 - 500 W	60 - 500 VA			
N4402N NT4402N L4402N	Resistive	230 Va.c.	50 Hz	230 Va.c.	60 - 500 W	60 - 500 W				
N4406 NT4406 L4406	Resistive	230 Va.c.	50 - 60 Hz	230 Va.c.	100 - 500 W	100 - 500 W				
N4407N NT4407N L4407N	Resistive Capacitive	100 - 240 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	20 - 200 W 20 - 400 W	20 - 200 W 20 - 400 W		20 - 200 W 20 - 400 W		
N4408N NT4408N L4408N	Resistive Inductive	100 - 240 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	20 - 300 W 20 - 600 W	20 - 300 W 20 - 600 W	20 - 300 W 20 - 600 W			
N4409N NT4409N L4409N	Multiloads	100 - 240 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	20 - 200 W 20 - 400 W	20 - 200 W 20 - 400 W	20 - 200 VA 20 - 400 VA	20 - 200 VA 20 - 400 VA		
N4410N NT4410N L4410N	0 - 10 V	100 - 240 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.					20 - 300 VA 40 - 600 VA	
N4413N NT4413N L44013N	Resistive Inductive	230 Va.c.	50 Hz	230 Va.c.	60 - 500 W	60 - 500 W	60 - 500 VA			
N4581 NT4581 L4581	Resistive	110 - 230 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	50 - 450 W 50 - 800 W					
N4582N NT4582N L4582N	Resistive Capacitive	110 - 230 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	50 - 450 W 50 - 800 W	50 - 450 W 50 - 800 W		50 - 300 W 50 - 300 W		100 - 300 W 100 - 500 W
N4583 NT4583 L4583	Resistive	110 - 230 Va.c.	50 - 60 Hz	127 Va.c. 230 Va.c.	50 - 500 W 50 - 1000 W					

NOTE: White colour device

Tech colour device

Anthracite colour device

Neutral item

GREEN SWITCH AND ELECTRONIC CONTROL DEVICES



L4433N



N4434N





NT4425N



NT4431







L4432




Item	GREEN SWITCH AND IR SENSOR*
<input type="checkbox"/> N4433N <input type="checkbox"/> NT4433N <input type="checkbox"/> 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
<input type="checkbox"/> N4434N <input type="checkbox"/> NT4434N <input type="checkbox"/> L4434N	 Green Switch: switch with passive infrared movement sensor – brightness sensor with adjustable threshold and adjustable switch off delay time - manual switching on of the light using the front pushbutton, and automatic switching off based on brightness levels and movement – 2.5 A resistive/inductive relay output – 230 Va.c. power supply - 2 modules
○ BMSO4001	two-way IR remote control for the selection of the N/NT/L4434N sensor parameters. The device is fitted with a display for the acquisition of the currently set values, and the modification of the main parameters, such as: brightness level, switch off delay time, operating mode and sensitivity.
○ BMSO4003	one-way IR remote control for the selection of the N/NT/L4434N sensor parameters. It enables the selection of the main parameters, such as: brightness level, switch off delay time, operating mode and sensitivity.

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













* Available from October 2011

Item	IR RECEIVERS WITH BUILT-IN RELAY
<input type="checkbox"/> N4425N <input type="checkbox"/> NT4425N <input type="checkbox"/> L4425N	 1 channel receiver with relay output - cyclic or monostable 6 A cosφ 1 relay function - 230 Va.c. - 2 modules
<input type="checkbox"/> N4425V127 <input type="checkbox"/> NT4425V127 <input type="checkbox"/> L4425V127	 as above - 127 V
<input type="checkbox"/> N4426N <input type="checkbox"/> NT4426N <input type="checkbox"/> L4426N	 2 channel receiver module with output through 2 interlocked relays 4 A cosφ 1 - 230 Va.c. - 2 modules
<input type="checkbox"/> N4426V127 <input type="checkbox"/> NT4426V127 <input type="checkbox"/> L4426V127	 as above - 127 V

Item	REMOTE CONTROL FOR IR RECEIVER
○ 3529	 remote receiver control device (up to 16 receivers within the same room) - possibility to select up to 16 channels directly - powered by two 1.5 V AAA batteries.

Item	PASSIVE IR SWITCHES
<input type="checkbox"/> N4431 <input type="checkbox"/> NT4431 <input type="checkbox"/> L4431	 switch with passive IR movement detector – adjustable threshold twilight circuit with possibility of exclusion – switch off time delay circuit, adjustable from 3 seconds to 10 minutes – relay output 2 A resistive / 2 A inductive – power supply 230 Va.c. - 1 module
<input type="checkbox"/> N4432 <input type="checkbox"/> NT4432 <input type="checkbox"/> L4432	 as above – switch off delay time circuit, with delay adjustment from 30 seconds to 10 minutes - it can also be activated using the external pushbutton - relay output 6 A resistive/2 A inductive - with O-A-I selector - power supply 230 Va.c.- 2 modules
<input type="checkbox"/> N4432/127 <input type="checkbox"/> NT4432/127 <input type="checkbox"/> L4432/127	 as above - 110/127 Va.c.

GREEN SWITCH - FEATURES

	N4433N NT4433N L4433N	N4434N NT4434N L4434N
	100-240 V~	
	50/60 Hz	
	2 x 2.5 mm ²	
	(-5) - (+45) °C	
	300 lux	
	15 minutes	
	2000 W - 230 V~ - 8.5 A	40-400 W 0.2-1.7 A 230 V~
	1000 VA - 230 V~ - 4.3 A	40-400 VA 0.2-1.7 A 230 V~
	10x (2x36 W) - 230 V~ - 4.3 A	
	500 VA - 230 V~ - 2.1 A	
	1000 VA - 230 V~ - 4.3 A	
	500 VA - 230 V~ - 2.1 A	

TEMPERATURE CONTROL



N4441

N4451

NT4442



L4450

Item	ELECTRONIC THERMOSTATS	
<input type="checkbox"/> N4441 <input checked="" type="checkbox"/> NT4441 <input checked="" type="checkbox"/> L4441		electronic room thermostat - relay output with 1 switching contact 2 A 250 Va.c. - power supply 230 Va.c.
<input type="checkbox"/> N4441FH <input checked="" type="checkbox"/> L4441FH		as above, with floor probe
<input type="checkbox"/> N4442 <input checked="" type="checkbox"/> NT4442 <input checked="" type="checkbox"/> L4442		electronic room thermostat with a built-in "summer/winter" changeover switch - relay output with a C-NO 2 A 250 Va.c. contact - power supply 230 Va.c.
<input type="checkbox"/> N4442/127 <input checked="" type="checkbox"/> NT4442/127 <input checked="" type="checkbox"/> L4442/127		as above - 110/127 Va.c.

TIMER THERMOSTATS		
<input type="checkbox"/> N4451 <input checked="" type="checkbox"/> NT4451 <input checked="" type="checkbox"/> L4451		flush mounted daily/weekly timer thermostat for heating and cooling systems. Three selectable temperatures during the 24 h period – Auto, Manual, Holiday, Antifreeze Operation. 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
<input type="checkbox"/> N4450 <input checked="" type="checkbox"/> NT4450 <input checked="" type="checkbox"/> L4450		wall mounted daily/weekly electronic timer thermostat for heating and cooling systems. Three selectable temperatures during the 24 h period – Auto, Manual, Holiday, Jolly, Antifreeze Operation. Power supply with battery: 2x1.5 V - possibility of connecting an external temperature probe - output contact in exchange 1 A cosφ 0.5

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

GAS DETECTORS



NT4511/2

NT4520

L4541

L4525/12N0



N719

F91/12E

Item	GAS DETECTORS	
<input type="checkbox"/> N4511/12 <input checked="" type="checkbox"/> NT4511/12 <input checked="" type="checkbox"/> L4511/12		METHANE gas detector with optical and audible alarm - self-diagnosis - prearranged for the control of signal repeaters - power supply 12 Va.c./d.c. - 2 modules
<input type="checkbox"/> N4512/12 <input checked="" type="checkbox"/> NT4512/12 <input checked="" type="checkbox"/> L4512/12		as above - for GPL gas

SIGNAL REPEATER		
<input type="checkbox"/> N4520 <input checked="" type="checkbox"/> NT4520 <input checked="" type="checkbox"/> L4520		signal repeater for gas detectors - optical/audible alarm - relay output with 1 switching contact 6 A resistive 2 A inductive - for manual reset gas solenoid valve control - 2 modules

TRANSFORMER		
<input type="checkbox"/> N4541* <input checked="" type="checkbox"/> NT4541* <input checked="" type="checkbox"/> L4541*		safety transformer - input 230 Va.c. @ 50/60 Hz - output 12 Va.c. - power 4 VA for gas detector power supply - 2 modules

DIN TRANSFORMER		
<input type="checkbox"/> F91/12E*		safety transformer - input 230 Va.c. @ 50/60 Hz - output 12 Va.c. - power 6 VA - DIN rail housing for gas detector power supply - 3 DIN modules
<input type="checkbox"/> F91/127/12E*		as above 127 Va.c.

WALL MOUNTED METHANE GAS DETECTOR		
<input type="checkbox"/> N719		methane gas detector with optical and audible alarm (85 dB) – internal self-diagnosis - internal relay 6 A cosφ 1 with contact output for solenoid valve control with manual reset 2 to 200 VA (12 to 230 Va.c.) - power supply through sheathed or single pole cables in trunking at sight or flush pipes

GAS SOLENOID VALVE		
<input type="checkbox"/> L4525/12N0		NO gas solenoid valve - manual reset - power supply 12 V @ 50 Hz – input power 3 VA - consumption in non-working condition: 0 - max. pressure 500 mbar - IP65 protection degree – working temperature (-15) - (+60) °C - 3/4" threaded caps and 1/2" reductions supplied

* Correct operation of the gas detectors can only be guaranteed when transformers shown in this page are used.

SOCKET OUTLETS - ITALIAN STANDARD








N4113 N4119 N4180







NT4140 NT4140/16





L4180R L4140/16R








Item	ITALIAN STANDARD
<input type="checkbox"/> N4113 <input checked="" type="checkbox"/> NT4113 <input checked="" type="checkbox"/> L4113	 2 P+E 10 A 250 Va.c. socket - centre distance 19 mm - shielded tulip contacts Ø 4 mm
<input type="checkbox"/> N4119 <input checked="" type="checkbox"/> NT4119 <input checked="" type="checkbox"/> L4119	 2 P+E 16 A 250 Va.c. socket - centre distance 26 mm - shielded tulip contacts Ø 5 mm
<input type="checkbox"/> N4180 <input checked="" type="checkbox"/> NT4180 <input checked="" type="checkbox"/> L4180	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for plugs 2 P and 2 P+E 10 and 16 A Italian standard
<input type="checkbox"/> N4115 <input checked="" type="checkbox"/> NT4115 <input checked="" type="checkbox"/> L4115	 2 P+E 10 A 250 Va.c. safety socket - irreversible for plug item 2200NA or 2200NN
<input type="checkbox"/> 2200NA <input checked="" type="checkbox"/> 2200NN	 safety plug for N/NT/L4115 socket - colour ivory (NA) or black (NN)

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




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

ITALIAN STANDARDS (AUTOMATIC CLAMPS)	
<input type="checkbox"/> N4180W <input checked="" type="checkbox"/> NT4180W <input checked="" type="checkbox"/> L4180W	 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 plugs

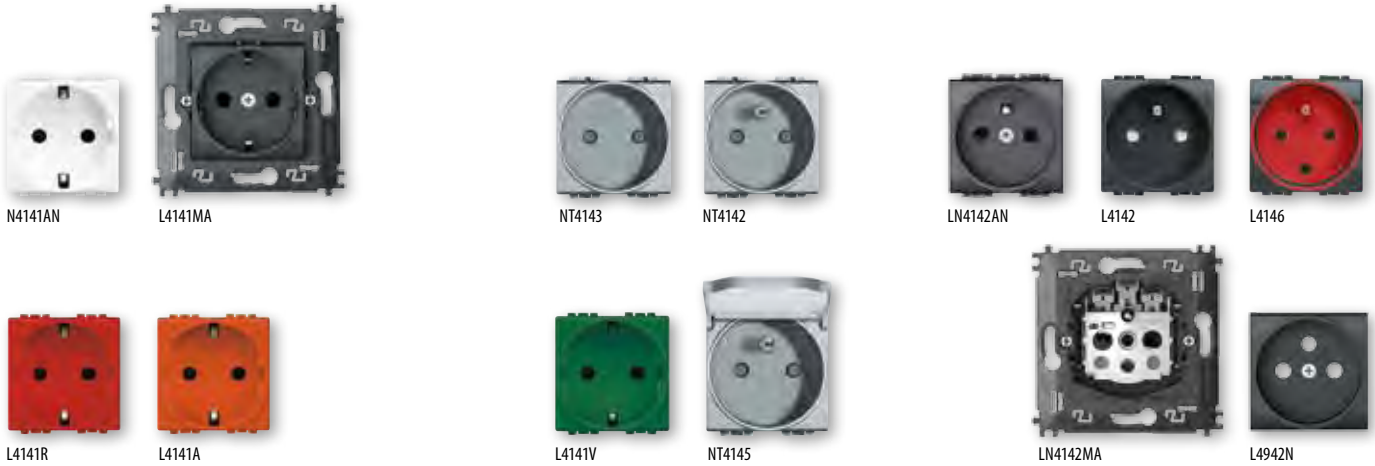
GERMAN AND ITALIAN STANDARDS (AUTOMATIC CLAMPS)	
<input type="checkbox"/> N4140W <input checked="" type="checkbox"/> NT4140W <input checked="" type="checkbox"/> L4140W	 2 P+E 16 A socket with side contacts and central earthing contact for German standard plugs and 10 A plugs with aligned pins - P30 type - centre distance 19 mm - shielded tulip contacts
<input type="checkbox"/> N4140/16W <input checked="" type="checkbox"/> NT4140/16W <input checked="" type="checkbox"/> L4140/16W	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs







Item	FOR SPECIAL USERS
<input type="checkbox"/> L4180R	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for 2 P and 2 P+E 10 and 16 A Italian standard plugs - colour red
<input type="checkbox"/> L4180A*	 as above - colour orange
<input type="checkbox"/> L4180V*	 as above - colour green
<input type="checkbox"/> L4140/16R	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts ; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs - colour red
<input type="checkbox"/> L4140X16A*	 as above - colour orange
<input type="checkbox"/> L4140X16V*	 as above - colour green
<input type="checkbox"/> L4140R	 2 P+E 16 A socket with side contacts and central earthing contact for German standard plugs and 10 A plugs with aligned pins - P30 type - centre distance 19 mm - shielded tulip contacts - colour red










* available to order

FOR SPECIAL USERS (AUTOMATIC CLAMPS)	
<input type="checkbox"/> L4180RW	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm - shielded tulip contacts - for 2 P and 2 P+E 10 and 16 A Italian standard plugs - colour red
<input type="checkbox"/> L4140/16RW	 2 P+E 16 A 250 Va.c. socket - centre distance 19 mm and 26 mm in 2-centre configuration - protected tulip contacts ; earth side contacts for German standard plugs; suitable for: 2 P and 2 P+E 10/16 A Italian standard plugs, 2 P+E 16 A German standard plugs - colour red
<input type="checkbox"/> L4140RW	 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

SOCKET OUTLETS - GERMAN AND FRENCH STANDARDS

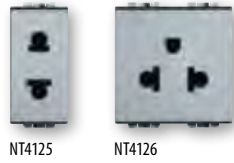








Item	GERMAN STANDARD
<input type="checkbox"/> N4141 <input type="checkbox"/> NT4141 <input checked="" type="checkbox"/> L4141	 2 P+E 16 A 250 V socket with earth side contacts - shielded tulip contacts -
GERMAN STANDARD (AUTOMATIC CLAMPS)	
<input type="checkbox"/> N4141AN <input type="checkbox"/> NT4141AN <input checked="" type="checkbox"/> L4141AN	 2 P+E 16 A socket with earth side contacts - automatic clamps - 2 modules
<input type="checkbox"/> N4141MA <input type="checkbox"/> NT4141MA <input checked="" type="checkbox"/> L4141MA	 2 P+E 16 A socket with earth side contacts - automatic clamps - 2 modules - monobloc
FOR SPECIAL USERS	
<input type="checkbox"/> L4141R	 2 P+E 16 A 250 V socket with earth side contacts - shielded tulip contacts - German standard - colour red
<input type="checkbox"/> L4141A	 as above - colour orange
<input type="checkbox"/> L4141V	 as above - colour green








Item	FRENCH STANDARD
<input type="checkbox"/> N4142 <input type="checkbox"/> NT4142 <input checked="" type="checkbox"/> L4142	 2 P+E 16 A 250 Va.c. socket - shielded tulip contacts
<input type="checkbox"/> N4142R	 socket as above - colour red
<input type="checkbox"/> N4143 <input type="checkbox"/> NT4143 <input checked="" type="checkbox"/> L4143	 2 P 16 A 250 Va.c. socket - shielded tulip contacts
<input type="checkbox"/> N4144 <input type="checkbox"/> NT4144 <input checked="" type="checkbox"/> L4144	 2 P+E 16 A socket shielded tulip contacts - with pilot light, with automatic clamps - 2 modules
<input type="checkbox"/> N4145 <input type="checkbox"/> NT4145 <input checked="" type="checkbox"/> L4145	 2 P+E 16 A 250 Va.c. socket - shielded tulip contacts - with cover
<input type="checkbox"/> N4146 <input type="checkbox"/> NT4146 <input checked="" type="checkbox"/> L4146	2 P 10/16 A 250 Va.c. socket with indexing slot
FRENCH STANDARD (AUTOMATIC CLAMPS)	
<input type="checkbox"/> LN4142AN	 2 P+E 16 A 250 Va.c. socket - neutral finish to be completed with front cover L4942N, N4942N, NT4942N
<input type="checkbox"/> LN4142MA	 as above - monobloc
<input type="checkbox"/> N4942N <input type="checkbox"/> NT4942N <input checked="" type="checkbox"/> L4942N	 front cover for sockets LN4142AN and LN4142MA.
<input type="checkbox"/> N4142AF* <input type="checkbox"/> NT4142AF* <input checked="" type="checkbox"/> L4142AF*	 2 P+E 16 A 250 Va.c. socket - flat

*NOTE: as for availability contact marketing department

SOCKET OUTLETS - EURO-AMERICAN STANDARDS



Item	EURO-AMERICAN STANDARD
<input type="checkbox"/> N4125S <input type="checkbox"/> NT4125S <input type="checkbox"/> L4125S	 2 P 16 A 127/250 Va.c. socket - unshielded tulip contacts - 1 module
<input type="checkbox"/> N4125 <input type="checkbox"/> NT4125 <input type="checkbox"/> L4125	 2 P 16 A 127/250 Va.c. socket - Ø 5 mm shielded tulip contacts - 1 module
<input type="checkbox"/> N4126S <input type="checkbox"/> NT4126S <input type="checkbox"/> L4126S	 2 P+E 16 A 127/250 Va.c. universal socket - Ø 5 mm unshielded tulip contacts - 2 modules
<input type="checkbox"/> N4126 <input type="checkbox"/> NT4126 <input type="checkbox"/> L4126	 2 P+E 16 A 127/250 Va.c. universal duplex socket - Ø 5 mm unshielded tulip contacts - 3 modules
<input type="checkbox"/> N4185S <input type="checkbox"/> NT4185S <input type="checkbox"/> L4185S	 2 P+E 16 A 127/250 Va.c. universal duplex socket - unshielded tulip contacts - 3 modules
<input type="checkbox"/> N4185 <input type="checkbox"/> NT4185 <input type="checkbox"/> L4185	 2 P+E 16 A 127/250 Va.c. universal duplex socket - shielded tulip contacts - 3 modules

Item	AMERICAN STANDARD
<input type="checkbox"/> N4127S <input type="checkbox"/> NT4127S <input type="checkbox"/> L4127S	 2 P 15 A 127/250 Va.c. socket - unshielded tulip contacts - 1 module
<input type="checkbox"/> N4127 <input type="checkbox"/> NT4127 <input type="checkbox"/> L4127	 2 P 15 A 127/250 Va.c. socket - shielded tulip contacts - 1 module
<input type="checkbox"/> N4129S <input type="checkbox"/> NT4129S <input type="checkbox"/> L4129S	 2 P+E 15 A 127/250 Va.c. socket - unshielded tulip contacts - 1 module
<input type="checkbox"/> N4128S <input type="checkbox"/> NT4128S <input type="checkbox"/> L4128S	 2 P+E 15 A 127/250 Va.c. socket - unshielded tulip contacts - 2 modules
<input type="checkbox"/> N4128 <input type="checkbox"/> NT4128 <input type="checkbox"/> L4128	 2 P+E 15 A 127/250 Va.c. socket - shielded tulip contacts - 2 modules
<input type="checkbox"/> N4188S <input type="checkbox"/> NT4188S <input type="checkbox"/> L4188S	 2 P+E 15 A 127/250 Va.c. universal duplex socket - unshielded tulip contacts - 3 modules
<input type="checkbox"/> N4188 <input type="checkbox"/> NT4188 <input type="checkbox"/> L4188	 2 P+E 15 A 127/250 Va.c. universal duplex socket - shielded tulip contacts - 3 modules
<input type="checkbox"/> N4188GF <input type="checkbox"/> NT4188GF <input type="checkbox"/> L4188GF	2 P+E 15 A 127 Va.c. GFCI socket - 3 modules

SOCKET OUTLETS - DIFFERENT INTERNATIONAL STANDARDS



N4130



N4132



NT4132



NT4183



L4139



L4122ET





L4164/12










N4150





N4178


Item	CHINESE STANDARD
<input type="checkbox"/> N4130 <input checked="" type="checkbox"/> L4130	 2 P+E 10 A 250 Va.c. socket - shuttered - 2 modules
<input type="checkbox"/> N4131 <input checked="" type="checkbox"/> L4131	 2 P+E 16 A 250 Va.c. socket - shuttered - 2 modules
<input type="checkbox"/> N4189 <input checked="" type="checkbox"/> L4189	2 P+E+2 P 10 A 250 Va.c. socket - shuttered Chinese and Euro-American standard - monobloc



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


Item	BRAZILIAN STANDARD
<input type="checkbox"/> N4165 <input checked="" type="checkbox"/> L4165	 10 A socket with shielded tulip contacts
<input type="checkbox"/> N4165S <input checked="" type="checkbox"/> L4165S	 10 A socket with unshielded tulip contacts
<input type="checkbox"/> N4166 <input checked="" type="checkbox"/> L4166	 20 A socket with shielded tulip contacts
<input type="checkbox"/> N4166S <input checked="" type="checkbox"/> L4166S	 20 A socket with unshielded tulip contacts
<input type="checkbox"/> N4194 <input checked="" type="checkbox"/> L4194	 3P 20 A socket


Item	BRITISH STANDARD
<input type="checkbox"/> N4150 <input checked="" type="checkbox"/> NT4150 <input checked="" type="checkbox"/> L4150	 socket outlet 2 modules - 13 AMP (items conform to BS 1363)
<input type="checkbox"/> N4178** <input checked="" type="checkbox"/> NT4178**	 shaver supply units double voltage 115/230 V output - 50/60 Hz input - complete with white cover plate (no colour choice)

**NOTE: depth 40 mm - items conform to BS EN 61358-2-5

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

Item	SWISS STANDARD
<input type="checkbox"/> N4164/12 <input checked="" type="checkbox"/> NT4164/12 <input checked="" type="checkbox"/> L4164/12	 2 P+E 10 A 250 Va.c. socket - 1 module
<input type="checkbox"/> N4164/13 <input checked="" type="checkbox"/> NT4164/13 <input checked="" type="checkbox"/> L4164/13	 2 P+E 10 A 250 Va.c. socket - 2 modules

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

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

BS SOCKET OUTLET ITEM N/NT/L4150 INSTALLATION

WRONG INSTALLATION



4-module cover plate









CORRECT INSTALLATION






7-module cover plate



TV - FM - SAT SOCKETS



Item	SCREENED TV SOCKETS
<input type="checkbox"/> N4202D <input type="checkbox"/> NT4202D <input type="checkbox"/> L4202D	 shunted coaxial jack - Ø 9.5 mm - male jack - 1 module - screened TV + SAT sockets in die-casting housing with current flow
<input type="checkbox"/> N4202D/2 <input type="checkbox"/> NT4202D/2 <input type="checkbox"/> L4202D/2	 as above - 2 modules
<input type="checkbox"/> N4202P <input type="checkbox"/> NT4202P <input type="checkbox"/> L4202P	 as above, pass-through jack - 1 module
<input type="checkbox"/> N4202PT <input type="checkbox"/> NT4202PT <input type="checkbox"/> L4202PT	 as above, pass-through jack - with built-in 75 Ω impedance adapter - 1 module
<input type="checkbox"/> N4202DC <input type="checkbox"/> NT4202DC <input type="checkbox"/> L4202DC	 shunted coaxial jack - Ø 9.5 mm - male jack - 1 module - screened TV sockets in die-cast housing without current flow
<input type="checkbox"/> N4202DC2 <input type="checkbox"/> NT4202DC2 <input type="checkbox"/> L4202DC2	 as above - 2 modules
<input type="checkbox"/> N4202P/2 <input type="checkbox"/> NT4202P/2 <input type="checkbox"/> L4202P/2	 pass-through coaxial jack - Ø 9.5 mm - 2 modules
<input type="checkbox"/> N4214D <input type="checkbox"/> NT4214D <input type="checkbox"/> L4214D	 shunted demixed TV+SAT jack in die cast housing - 1 module












Item	SCREENED TV + RD + SAT SOCKETS
<input type="checkbox"/> N4210D <input type="checkbox"/> NT4210D <input type="checkbox"/> L4210D	 screened TV + RD + SAT jacks in die- cast housing with current flow - 2 modules
<input type="checkbox"/> N4211D <input type="checkbox"/> NT4211D <input type="checkbox"/> L4211D	 double coaxial shunted sockets for TV and FM-LMC reception - Ø 9.5 mm - 2 modules

Item	TYPE F TV SOCKETS
<input type="checkbox"/> N4269F <input type="checkbox"/> NT4269F <input type="checkbox"/> L4269F	 type F TV female connector - 75 Ω impedance - screw coupling - 1 modules

Item	PLUGS AND TERMINAL RESISTANCE
<input type="checkbox"/> S2133	 mobile TV plug and jack - Ø 9.5 mm - white - for TV + SAT jacks and L/N/NT4206D
<input type="checkbox"/> 75RTN	 terminal resistance for lines closing with 75 Ω impedance in installations with cascade connection - to be added to the last pass-through jack

RJ CONNECTORS



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.																								
	<table border="1"> <thead> <tr> <th>Category</th> <th>Connection type</th> </tr> </thead> <tbody> <tr> <td>5E UTP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>5 FTP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>6 UTP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>6 FTP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>6 STP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>6A STP</td> <td>TOOLLESS IDC</td> </tr> <tr> <td>5E UTP</td> <td>110 IDC</td> </tr> <tr> <td>6 UTP</td> <td>110 IDC</td> </tr> <tr> <td>6 STP</td> <td>110 IDC</td> </tr> <tr> <td>5E UTP</td> <td>110 IDC</td> </tr> <tr> <td>6 UTP</td> <td>110 IDC</td> </tr> </tbody> </table>	Category	Connection type	5E UTP	TOOLLESS IDC	5 FTP	TOOLLESS IDC	6 UTP	TOOLLESS IDC	6 FTP	TOOLLESS IDC	6 STP	TOOLLESS IDC	6A STP	TOOLLESS IDC	5E UTP	110 IDC	6 UTP	110 IDC	6 STP	110 IDC	5E UTP	110 IDC	6 UTP	110 IDC
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6 STP	110 IDC																								
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TELEPHONE CONNECTORS, DATA AND SPECIAL SOCKETS



N4258/11D



N4237



N4268ST



NT4268LC



NT4285



L4262/11



L4269R



L4284



N4294



N9490

Item	RJ11 - RJ12 TELEPHONE CONNECTORS	
	These connectors have been designed for meeting the requirements of telephone connections.	
	Jack type	Connection type
<input type="checkbox"/> N4258/11D <input type="checkbox"/> NT4258/11D <input type="checkbox"/> L4258/11D	RJ11	K10 2 modules
<input type="checkbox"/> N4258/11N <input type="checkbox"/> NT4258/11N <input type="checkbox"/> L4258/11N	RJ11	K10
<input type="checkbox"/> N4258/12D <input type="checkbox"/> NT4258/12D <input type="checkbox"/> L4258/12D	RJ12	K10 2 modules
<input type="checkbox"/> N4262/11 <input type="checkbox"/> NT4262/11 <input type="checkbox"/> L4262/11	RJ11	WITH INSUL. (1)
<input type="checkbox"/> N4262/12 <input type="checkbox"/> NT4262/12 <input type="checkbox"/> L4262/12	RJ12	WITH INSUL. (1)
<input type="checkbox"/> N4264/12 <input type="checkbox"/> NT4264/12 <input type="checkbox"/> L4264/12	RJ12	WITH INSUL. (1)

(1) Connection type 110

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

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

Item	WI-FI ACCESS POINT
<input type="checkbox"/> N9490 <input type="checkbox"/> NT9490 <input type="checkbox"/> L9490	access point 11/a/b/g

AUDIO VIDEO CONNECTORS	
<input type="checkbox"/> N4269R <input type="checkbox"/> NT4269R <input type="checkbox"/> L4269R	double RCA connector - red and yellow collars - terminations to be welded
<input type="checkbox"/> N4294 <input type="checkbox"/> NT4294 <input type="checkbox"/> L4294	connector for loudspeakers
<input type="checkbox"/> N4280 <input type="checkbox"/> NT4280 <input type="checkbox"/> L4280	connector - jack 3.5
<input type="checkbox"/> N4281 <input type="checkbox"/> NT4281 <input type="checkbox"/> L4281	connector - RCA x 2
<input type="checkbox"/> N4282 <input type="checkbox"/> NT4282 <input type="checkbox"/> L4282	connector - HD15
<input type="checkbox"/> N4283 <input type="checkbox"/> NT4283 <input type="checkbox"/> L4283	RCA x 3 connector
<input type="checkbox"/> N4284 <input type="checkbox"/> NT4284 <input type="checkbox"/> L4284	HDMI connector
<input type="checkbox"/> N4285 <input type="checkbox"/> NT4285 <input type="checkbox"/> L4285	USB connector

USB CHARGER	
<input type="checkbox"/> N4285C <input type="checkbox"/> NT4285C <input type="checkbox"/> L4285C	USB connector 5 Vd.c. to recharge electronic devices as mobiles, smartphone, tablet and similar, up to 750 mA. Power supply 230 Va.c.
<input type="checkbox"/> N4285C2 <input type="checkbox"/> NT4285C2 <input type="checkbox"/> L4285C2	USB connector 5 Vd.c. to quick recharge of a single electronic devices as mobiles, smartphone, tablet and similar, up to 1550 mA, or simultaneous recharge o two devices up to 750 mA. Power supply 230 Va.c.

SPECIAL CONNECTORS	
<input type="checkbox"/> N4291 <input type="checkbox"/> NT4291 <input type="checkbox"/> L4291	2P mignon socket - tulip contacts \varnothing mm 3 - centre distance 13 mm - for auxiliary circuits and similar 6 A 24 V SELV - clamp connection
<input type="checkbox"/> N4292 <input type="checkbox"/> NT4292 <input type="checkbox"/> L4292	standard five pole DIN connector for HI-FI and similar - connection to be welded
<input type="checkbox"/> N4293 <input type="checkbox"/> NT4293 <input type="checkbox"/> L4293	2 pole DIN connector - connection to be welded

AUDIBLE SIGNALLING DEVICES



N4351/12



NT4355/12



L4357/12

LUMINOUS SIGNALLING DEVICES



L4371V







N4371R












L4385/..













L4374V12V24

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

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

Item	PILOT LIGHTS
<input type="checkbox"/> N4371A <input checked="" type="checkbox"/> NT4371A <input checked="" type="checkbox"/> L4371A	 lampholder with orange diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T
<input type="checkbox"/> N4371T <input checked="" type="checkbox"/> NT4371T <input checked="" type="checkbox"/> L4371T	 lampholder with transparent diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T
<input type="checkbox"/> N4371R <input checked="" type="checkbox"/> NT4371R <input checked="" type="checkbox"/> L4371R	 lampholder with red diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T
<input type="checkbox"/> N4371V <input checked="" type="checkbox"/> NT4371V <input checked="" type="checkbox"/> L4371V	 lampholder with green diffuser - for LED items LN4742V12T, LN4742V127T and LN4742V230T
<input type="checkbox"/> N4372AV <input checked="" type="checkbox"/> NT4372AV <input checked="" type="checkbox"/> L4372AV	 double lampholder with 2 diffusers: 1 orange + 1 green - for 2 LED items LN4742V12T, LN4742V127T and LN4742V230T
<input type="checkbox"/> N4372RT <input checked="" type="checkbox"/> NT4372RT <input checked="" type="checkbox"/> L4372RT	 double lampholder with 2 diffusers: 1 red + 1 transparent - for 2 LED items LN4742V12T, LN4742V127T and LN4742V230T

Item	OFF-DOOR LIGHT UNITS (WITH LAMP)
<input checked="" type="checkbox"/> L4385/12R <input checked="" type="checkbox"/> L4385/12V <input checked="" type="checkbox"/> L4385/12B	Note: for all models we recommend a mounting height between 160 and 205 cm (wall protrusion 52 mm) power supply 12 V - red (R), green (V), white (B) 
<input checked="" type="checkbox"/> L4385/24R <input checked="" type="checkbox"/> L4385/24V <input checked="" type="checkbox"/> L4385/24B	power supply 24 V - red (R), green (V), white (B) 
<input checked="" type="checkbox"/> L4385/127R <input checked="" type="checkbox"/> L4385/127V <input checked="" type="checkbox"/> L4385/127B	power supply 127 V - red (R), green (V), white (B) 
<input checked="" type="checkbox"/> L4385/230R <input checked="" type="checkbox"/> L4385/230V <input checked="" type="checkbox"/> L4385/230B	power supply 230 V - red (R), green (V), white (B) 
○ L4745/12	spare lamp E10 12 V - 5 W 
○ L4745/24	spare lamp E10 24 V - 5 W 
○ L4745/127	spare lamp E10 127 V - 5 W 
○ L4745/230	spare lamp E10 230 V - 5 W 

Item	SIGNALLING LAMP
○ L4374V12V24	signalling lamp with white light LED - 12/24 Va.c. 
○ L4374/230	signalling lamp with white light LED - 230 Va.c. 

INDICATORS AND EMERGENCY LAMPS



N4380



L4384/1



L4382/230



L4784/1 - L4784/3



L4386/1 - L4386/1L - L4386/3 - L4386/3L

Item	PORTABLE EMERGENCY LIGHT UNIT	
<input type="checkbox"/> N4380 <input type="checkbox"/> NT4380 <input type="checkbox"/> L4380		plug-in miniature emergency light unit - automatic functioning upon power failure - with recharging base - interchangeable Ni-Cd batteries - power supply 110/127/220/230 Va.c. @ 60 Hz - 2 mod. - 50 and 60 Hz
○ L4380/B		spare battery for item L/N/NT4380

STEP MARKER LIGHTS		
○ L4382V12V24		step marker light with white light LED - 12/24 Va.c.
○ L4382/230		step marker light with white light LED - 230 Va.c.




Item	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
○ L4384/3*		emergency light as above - 3 h life - 4 modules
○ L4386/1		emergency light as above - 1 h life - lamp power 1.3 W - 6 modules
○ L4386/1/127		emergency light as above - 1 h life - lamp power 1.3 W - 6 modules - 127 V
○ L4386/3*		emergency light as above - 3 h life - 6 modules
○ L4386/3/127*		emergency light as above - 3 h life - lamp power 1.3 W - 6 modules - 127 V
○ L4386/1L		emergency light as above - with permanent illumination function – for rooms requiring light 24 h a day - 1 h life - 6 modules
○ L4386/3L*		emergency light as above - 3 h life - 6 modules




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



SPARE BATTERY		
○ L4784/1		for item L4384/1
○ L4784/3		for item L4384/3
○ L4786/1		for item L4386/1 and L4386/1L
○ L4786/3		for item L4386/3 and L4386/3L



ELECTRICAL SAFETY DEVICES




Item	AUTOMATIC THERMAL MAGNETIC CIRCUIT BREAKERS
<input type="checkbox"/> N4301/6 <input checked="" type="checkbox"/> NT4301/6 <input checked="" type="checkbox"/> L4301/6	 two-pole automatic thermal magnetic circuit breakers with a 6 A 230 Va.c. protected pole - indicator of open/closed contacts - breaking capacity 1500 A 230 Va.c.
<input type="checkbox"/> N4301/10 <input checked="" type="checkbox"/> NT4301/10 <input checked="" type="checkbox"/> L4301/10	 circuit breakers as above 10 A - breaking capacity 3000 A 230 Va.c.
<input type="checkbox"/> N4301/16 <input checked="" type="checkbox"/> NT4301/16 <input checked="" type="checkbox"/> L4301/16	 circuit breakers as above 16 A - breaking capacity 3000 A 230 Va.c.

Item	SALVAVITA
<input type="checkbox"/> N4305/6 <input checked="" type="checkbox"/> NT4305/6 <input checked="" type="checkbox"/> 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
<input type="checkbox"/> N4305/10 <input checked="" type="checkbox"/> NT4305/10 <input checked="" type="checkbox"/> L4305/10	 Salvavita as above - 10 A - breaking capacity 3000 A 230 Va.c.
<input type="checkbox"/> N4305/16 <input checked="" type="checkbox"/> NT4305/16 <input checked="" type="checkbox"/> L4305/16	 Salvavita as above - 16 A - breaking capacity 3000 A 230 Va.c.






Item	INTERLOCKED SOCKETS
<input type="checkbox"/> N4311/10 <input checked="" type="checkbox"/> NT4311/10 <input checked="" type="checkbox"/> L4311/10	 2 P+E socket with shielded tulip contacts 10 A - 230 Va.c. - protection index 2.1 - interlocked with two-pole automatic thermal magnetic circuit breaker- 10 A - breaking capacity 3000 A with 1 protected pole - 2 mod.
<input type="checkbox"/> N4311/16 <input checked="" type="checkbox"/> NT4311/16 <input checked="" type="checkbox"/> L4311/16	 interlocked socket as above 16 A - 230 Va.c.



Item	FUSE CARRIERS
<input type="checkbox"/> N4321 <input checked="" type="checkbox"/> NT4321 <input checked="" type="checkbox"/> L4321	 fuse carrier for fuses 5x20 and 6.3x 32 - max. 10 250 Va.c.
<input type="checkbox"/> N4322 <input checked="" type="checkbox"/> NT4322 <input checked="" type="checkbox"/> L4322	 fuse carrier for 16 A


Item	SURGE PROTECTIVE DEVICES
<input type="checkbox"/> N4536 <input checked="" type="checkbox"/> NT4536 <input checked="" type="checkbox"/> L4536	 1 P surge protective devices to be combined with the users mains socket - rated discharge voltage In=1 kA - max. current I _{max} =2 kA - max. protection voltage U _p =1 kV - rated voltage U _n =110-230 Va.c. - max. permanent voltage U _c =250 Va.c.

BLANK PLATES



Item	BLANK PLATES
<input type="checkbox"/> N4950 <input checked="" type="checkbox"/> NT4950 <input checked="" type="checkbox"/> L4950	 blank plate - 1 module
<input type="checkbox"/> N4951 <input checked="" type="checkbox"/> NT4951 <input checked="" type="checkbox"/> L4951	 blank plate with knockout - 2 modules
<input type="checkbox"/> N4952 <input checked="" type="checkbox"/> NT4952 <input checked="" type="checkbox"/> L4952	 blank plate with clamp
<input type="checkbox"/> N4953 <input checked="" type="checkbox"/> NT4953 <input checked="" type="checkbox"/> L4953	 blank plate with output Ø 9 mm - 2 modules
<input type="checkbox"/> N4954 <input checked="" type="checkbox"/> NT4954 <input checked="" type="checkbox"/> L4954	 blank plate with output Ø 9 mm - with clamp - 1 module

Item	FLEX OUTLETS
Items conform to BS 5733	
<input type="checkbox"/> N4955/20 <input checked="" type="checkbox"/> NT4955/20	 - 20 A flex outlet frontplate unfused
<input type="checkbox"/> N4955/45 <input checked="" type="checkbox"/> NT4955/45	 - 45 A flex outlet frontplate unfused

Item	SCREW COVERING SEALS
<input type="checkbox"/> N4750 <input checked="" type="checkbox"/> L4750	 screw covering seals for device-holder supports item LN4719, LN4703

LEDs FOR CONTROLS AND PILOT LIGHTS



LN4742V12T



LN4742V230



LN4743V230

Item	LEDs
○ LN4742V230	LED for rocker controls 230 V - amber
○ LN4742V127	LED for rocker controls 127 V - amber
○ LN4742V12	LED for rocker controls 12 V - amber
○ 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 V/24 V devices
○ LN4743V230	LED for axial controls 230 V - amber
○ LN4743V127	LED for axial controls 127 V - amber
○ LN4743V12	LED for axial controls 12 V/24 V - amber

LED SELECTION TABLE FOR DEVICE LIGHTING

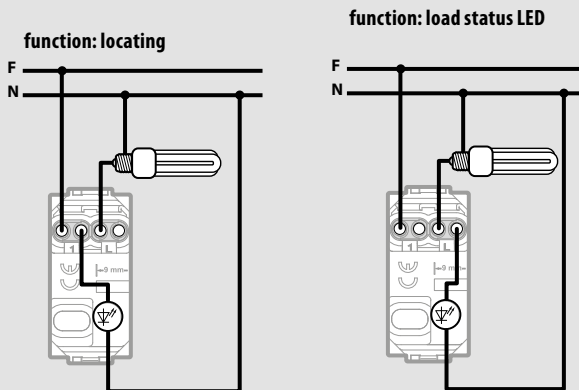
Lightable devices		LEDs for lighting
Rocker control devices		
Screw clamps		
1 module	2 modules	
L4001/0		
L4003/0		
LN4004		
L4005/0		
N/NT/L4001N	N/NT/L4001M2N	
N/NT/L4003N	N/NT/L4003M2N	
N/NT/L4004N	N/NT/L4004M2N	
N/NT/L4005N	N/NT/L4005M2N	
N/NT/L4002N	N/NT/L4002M2N	LN4742V12 (12/24 V)
N/NT/L4044N	N/NT/L4044M2N	LN4742V127 (127 V)
		LN4742V230 (230 V)
Automatic clamps		
1 module	2 modules	
LN4001A		
LN4003A		
LN4005A		
N/NT/L4001A	N/NT/L4001M2A	
N/NT/L4003A	N/NT/L4003M2A	
N/NT/L4005A	N/NT/L4005M2A	
Axial control devices		
1 module	2 modules	
N/NT/L4051A	N/NT/L4051M2A	
N/NT/L4053A	N/NT/L4053M2A	LN4743V12 (12/24 V)
N/NT/L4054A	N/NT/L4054M2A	LN4743V127 (127 V)
N/NT/L4055A	N/NT/L4055M2A	LN4743V230 (230 V)
Pushbuttons with pilot light lampholder		
1 module		
N/NT/L4038R		LN4742V12T (12/24 V)
N/NT/L4051V		LN4742V127T (127 V)
LN4040		LN4742V230T (230 V)
Pilot light lampholder		
1 module		
N/NT/L4371A		
N/NT/L4371T		
N/NT/L4371R		LN4742V12T (12/24 V)
N/NT/L4371V		LN4742V127T (127 V)
N/NT/L4372AV (2 LED)		LN4742V230T (230 V)
N/NT/L4372RT (2 LED)		
N/NT/L4373HN (2 LED)		
British standard products		
N/NT/L4151		LN4742V12T (12/24 V)
N/NT/L4152		LN4742V127T (127 V)
N/NT/L4153		LN4742V230T (230 V)

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.

EXAMPLES OF LED CONNECTION ON A SWITCH



PROTECTION SHEATHS AND ACCESSORIES



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

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		horizontal and vertical coupler for box item 503E - do not use with box extension
○ 500/02		pair of 30 mm screws for the installation of the supports on boxes fitted below the wall plaster line

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

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

3 MODULE AREA INSTALLATION SYSTEM ACCESSORIES



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

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

PRODUCTS FOR WHICH THE USE OF THE BOX EXTENSION IS NECESSARY, WHEN INSTALLED WITH LIVINGLIGHT AIR

Box extension	Products to combine	Item
10 A 2 modules	resistive dimmer with built-in two-way switch - 1 module	<input type="checkbox"/> N4402N
		<input type="checkbox"/> NT4402N
		<input type="checkbox"/> L4402N
1 module resistive dimmer		<input type="checkbox"/> N4406
		<input type="checkbox"/> NT4406
		<input type="checkbox"/> L4406
10 A 1 module axial pushbutton + MH BASIC interface		<input type="checkbox"/> N4055A
		<input type="checkbox"/> NT4055A
		<input type="checkbox"/> L4055A
10 A 2 module axial pushbutton + MH BASIC interface		<input type="checkbox"/> N4055M2A
		<input type="checkbox"/> NT4055M2A
		<input type="checkbox"/> L4055M2A
230 Va.c. shaver socket		<input type="checkbox"/> N4177
		<input type="checkbox"/> NT4177
		<input type="checkbox"/> L4177
emergency lamp 3 hours - 4 modules		○ L4384/3
emergency lamp 3 hours - 6 modules		○ L4386/3
emergency lamp always on - 3 hours - 6 modules		○ L4386/3L

SURROUND PLATES FOR LIVINGLIGHT AIR INSTALLATION

In case of refurbishing 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

CUSTOMISABLE LIGHT POINT






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.


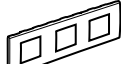

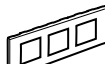


ITEMS FOR THE CUSTOMISATION OF THE LIGHT POINT

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
○ LND4803KR	 3 modules
○ LND4804KR	 4 modules
○ LND4807KR	 7 modules
○ LND4826KR	 3 + 3 modules

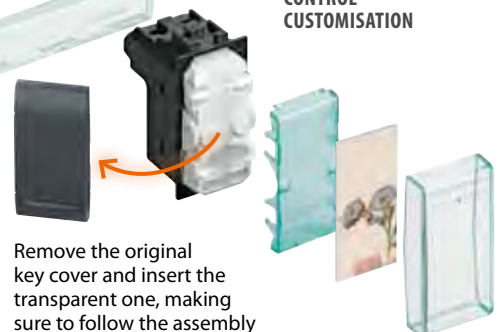
○ LND4802M2KR	 2 + 2 modules centre distance 71mm
○ LND4802M3KR	 2 + 2 + 2 modules centre distance 71mm
○ LND4832M2KR	 2 + 2 modules centre distance 57mm
○ LND4832M3KR	 2 + 2 + 2 modules centre distance 57 mm

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.



CONTENTS



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NOTE: the new codes are shown in the catalogue in orange (ex. N4001N).

MY HOME - RADIO ZigBee®

Automation and technical alarms



L4596N



3579



N4599N



3527N



LN4586



LN4578N

Item	RADIO CONTROL FOR LIGHT AUTOMATION	
<input type="checkbox"/> N4596N* <input type="checkbox"/> L4596N**		control to be completed with one 1 module key cover (item L/N/NT4915AN) for the ON/OFF control of 1 group of actuators - powered by 3 V CR2032 battery, supplied
<input type="checkbox"/> N4597N* <input type="checkbox"/> L4597N**		control to be completed with two 1 module key covers (item L/N/NT4915AN) for the ON/OFF control of 2 groups of actuators - powered by 3 V CR2032 battery, supplied
<input type="checkbox"/> N4598N* <input type="checkbox"/> L4598N**		control to be completed with two 1 module key covers (item L/N/NT4915AN + L/N/NT4911ADN) for the control of 1 group of DIMMER actuators - powered by 3 V CR2032 battery, supplied

INFRARED RADIO CONTROL FOR GENERIC LOADS	
<input type="checkbox"/> 3579	 control fitted with infrared movement sensor that enables creating scenarios (enabling of several actuators) for when a people move inside the area covered by an IR sensor. Sensor coverage 11 m, 3-60 min. adjustable time delay- wall mounted installation - powered by two 1.5 V AA batteries

RADIO CONTROL FOR ROLLING SHUTTER AUTOMATION	
<input type="checkbox"/> N4599N* <input type="checkbox"/> L4599N**	 control to be completed with two 1 module key covers (item L/N/NT4911AHN + L/NT4915AN or N4915LN) for the control of 1 group of actuators for the management of motorised rolling shutters - powered by 3 V CR2032 battery, supplied

RADIO CONTROL FOR SCENARIO MANAGEMENT	
<input type="checkbox"/> N4589N <input type="checkbox"/> L4589N	 control to be completed with two 1 module key covers (item L/N/NT4911N) for the management of 4 scenarios - powered by 3 V CR2032 battery, supplied

RADIO REMOTE CONTROLS	
<input type="checkbox"/> 3527N	 radio remote control with 5 pushbuttons for the control of scenarios - powered by two 1.5 V LR03 batteries, supplied
<input type="checkbox"/> 3528N	 remote control as above - with 4 pushbuttons - powered by 3 V CR2032 battery, supplied

* to be completed by square cover plate

** to be complete by round cover plate * and ** items, unsuitable for AIR cover plate

Item	RADIO INTERFACES	
<input type="checkbox"/> 3577		control interface with 2 independent contacts for the control of 2 light actuator groups, or one group of rolling shutter actuators. The device also gives the possibility of creating a scenario generated by devices such as, for example, twilight switches or humidity detectors, connected to the corresponding contacts. Basic modularity for flush mounted box installation
<input type="checkbox"/> 3578		Open/ZigBee gateway for central control of the functions using Open Web Net communication protocol devices
<input type="checkbox"/> N4578N <input type="checkbox"/> NT4578N <input type="checkbox"/> L4578N		SCS/Zigbee gateway for integration with the radio system of MY HOME control devices and/or system actuators, BUS Automation - 27 Vd.c. power supply from the BUS

DEVICES FOR TECHNICAL ALARMS	
<input type="checkbox"/> LN4586	 technical alarm transmitter. It can be used to transmit to the radio automation system a danger signal generated by a gas, smoke, or water detector connected to its terminals. 12 Va.c./d.c. power supply using transformer item L/N/N/T4541, 2 flush mounted modules
<input type="checkbox"/> LN4587	 device to be used in conjunction with the radio transmitter item LN4586, for the control of solenoid valves and danger optical/light signalling devices (gas, water, smoke leaks) to be completed with 2 key covers L/N/NT4911N 100 to 240 Va.c. power supply - 2 flush mounted modules
<input type="checkbox"/> 3581	radio temperature probe for indoor use with measurement range between (-10) - (+ 40) °C. The device provides activation of 2 separate scenarios that initiate when the room temperature falls below (scenario 1) or exceeds (scenario 2) the 2 temperature thresholds set in the device itself

INSTALLATION ACCESSORIES	
<input type="checkbox"/> LN4588	adapter for flush mounted boxes. It gives the possibility of installing surface mounted radio controls inside flush mounted boxes

KEY COVER SELECTION SUMMARY TABLE

Mechanism code	Key cover code
LN4590	L/N/NT4915AN
LN4591	L/N/NT4915AN
LN4592	L/N/NT4915AN+L/N/NT4915AN
LN4593	L/N/NT4915AN+ L/N/NT4911ADN
LN4594	L/N/NT4915AN+ L/N/NT4911ADN

KEY COVER SELECTION SUMMARY TABLE

Mechanism code	Key cover code
LN4595	L/N/NT4911AHN+ L/NT4915AN or N4915LN
N4589N, L4589N	L/N/NT4911N+L/N/NT4911N
N4596N, L4596N	L/N/NT4915AN
N4597N, L4597N	L/N/NT4915AN+L/N/NT4915AN
N4598N, L4598N	L/N/NT4915AN+ L/N/NT4911ADN
N4599N, L4599N	L/N/NT4911AHN+ L/NT4915AN or N4915LN

NOTE: White colour device

Tech colour device






Anthracite colour device






Neutral item



MY HOME - RADIO ZigBee®

Automation and technical alarms (*)



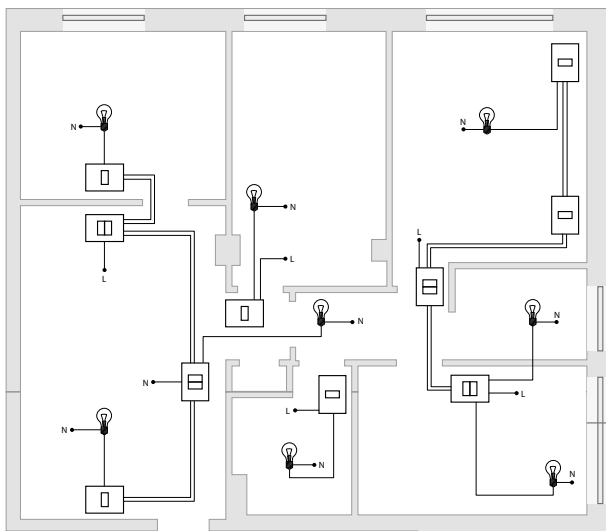
Item	ON/OFF RADIO ACTUATORS FOR LIGHT AUTOMATION AND GENERIC LOADS
○ LN4590	 actuator to be completed with 1 module key cover (item L/N/NT4915AN) for the control of lamps and generic loads with 300 W max. power - power supply 100-240 Va.c. - connection to the load without neutral conductor - status indication LED - 2 flush mounted modules
○ LN4591	 actuator to be completed with 1 module key cover (item L/N/NT4915AN) for the control of lamps and generic loads with 2500 W max. power - power supply 100-240 Va.c. - status indication LED - 2 flush mounted modules
○ LN4592	 actuator to be completed with two 1 module key covers (item L/N/NT4915AN) for the control of 2 groups of lamps and generic loads with 1000 W max. power - power supply 100-240 Va.c. - status indication LED - 2 flush mounted modules
○ 3571	 actuator for false ceiling mounted for the control of lamps and generic loads with 2500 W max. power - power supply 100-240 Va.c.
○ 3575	 mobile actuator with German standard plug and socket for the control of lamps and generic loads with 10 A max. absorption - power supply 100-240 Va.c.

Item	DIMMER RADIO ACTUATORS FOR LIGHT AUTOMATION
○ LN4593	 actuator to be completed with 2 1 module key covers (item L/N/NT4915AN + L/N/NT4911ADN) for the control of lamps and generic loads with 400 W max. power - power supply 100-240 Va.c. - connection to the load without neutral conductor - status indication LED - 2 flush mounted modules
○ LN4594	 actuator for 0-10 V Ballast with 1000 W max. power to be completed with 2 1 module key covers (item L/N/NT4915AN + L/N/NT4911ADN) - power supply 100-240 Va.c. - status indication LED - 2 flush mounted modules
○ 3572	 actuator for false ceiling mounted for the control of lamps and generic loads with 600 W max. power - power supply 100-240 Va.c.
○ 3573	 actuator for false ceiling mounted for 0-10 V Ballast control with 1000 W max. power - power supply 100-240 Va.c.
○ 3574	 mobile actuator with German standard plug and socket for the control of lamps and generic loads max. 500 W - power supply 100-240 Va.c.

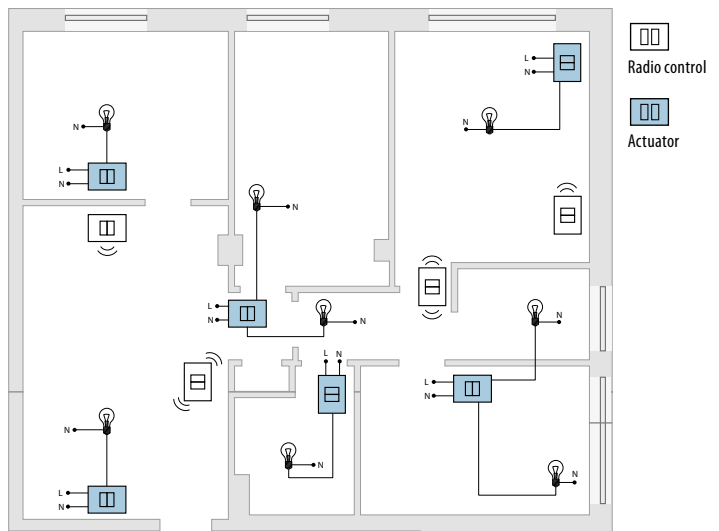
Item	RADIO ACTUATORS FOR ROLLING SHUTTER AUTOMATION
○ LN4595	 actuator to be completed with 2 1 module key covers (item L/N/NT4911AHN + L/NT4915AN or N4915LN) for the control of rolling shutters - possibility of storing the position of the rolling shutters - power supply 100-240 Va.c. - 2 flush mounted modules
○ 3576	 rolling shutter actuator 500 W for installation inside the rolling shutter box - power supply 100 - 240 Va.c.

SIMPLIFIED REPRESENTATION OF THE ELECTRIC SYSTEM THAT CAN BE OBTAINED THROUGH WIRING USING ZIGBEE RADIO DEVICES

Traditional wiring



Wiring with radio ZigBee system



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

MY HOME - BUS SCS

Integration and control



F422


LN4890








N4891


F429

H4687


Item	LOCAL DISPLAY
<input type="checkbox"/> N4891 <input checked="" type="checkbox"/> NT4891 <input checked="" type="checkbox"/> L4891	 <p>1.2" OLED Touch Screen for the management of max 4 of the following functions: Sound system, Temperature control, Scenarios, Energy management and Load management - 2 modules - replace item L/N/NT4685</p>


Item	TOUCH SCREEN
<input type="checkbox"/> LN4890 	 <p>3.5" colour Touch Screen for the management of the lighting functions, Automation, Burglar alarm, Temperature control, Sound system, Scenarios and Energy management. Equipped with front panel USB connector for setup and ready for Open Web Net programming language - replace item L4684</p>
<input type="checkbox"/> LN4890A 	 <p>Touch Screen as above - for installation with LIVINGLIGHT AIR cover plates - replace item LN4684A</p>


Item	TOUCH SCREEN IP ADAPTER
<input type="checkbox"/> 3496	 <p>accessory to be used with TOUCH SCREEN - it can be used for playing audio tracks stored on the PC, on the server, as well as any IP radio content (e.g. radio), through the loudspeakers of the Sound system - to be installed on the back of TOUCH SCREEN units</p>

Item	VIDEO TOUCH SCREEN
<input type="checkbox"/> H4687	 <p>flush mounted panel PC with 15" Touch Screen display for the control of the MY HOME system using the MHVisual software</p>

Item	MHVISUAL SOFTWARE
<input type="checkbox"/> MHVISUAL	<p>control and management software of the lighting functions, Automation, Burglar alarm, Temperature control, Sound system, Scenarios, Energy management and Video surveillance system</p>

Item	SCS-SCS INTERFACE
<input type="checkbox"/> F422	 <p>interface between SCS BUS based systems, dedicated to different functions - 2 lowered DIN modules</p>

Item	INTERFACE FOR DIFFERENT SYSTEMS
<input type="checkbox"/> F426	 <p>SCS/EIB interface - for the control of EIB systems in MY HOME applications - 2 DIN modules</p>

Item	SCS/DALI INTERFACE
<input type="checkbox"/> F429	 <p>DALI dimmer, 8 independent outputs with 230 Va.c. 16 ballasts maximum load, direct load control device, 2 DIN modules</p>

 : device with Open Web Net communication protocol for applications of integration

NOTE: White colour device Tech colour device Anthracite colour device Neutral item

MY HOME - BUS SCS

Integration and control



MH200N




3485








F461/2





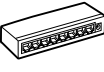
C9451


Item	SCENARIO MODULE	
○ F420		device enabling to save 16 scenarios for Automation, Sound system, Temperature control and Video door entry applications - 2 DIN modules



Item	PSTN TELEPHONE ACTUATOR	
○ F461/2		telephone actuator, 2 independent relays, with exchange contact, power supply 230 Va.c. - 3 DIN modules

SCENARIO PROGRAMMER		
○ MH200N	 	device for the execution of scenarios programmed using TiMH200N. The scenario may be combined with times and dates, manual activations, events managed through AUX channels, or generated by the automation, temperature control and burglar-alarm systems. The device can operate as a gateway for the use of the MHVisual and Virtual Configurator software. 6 DIN modules
○ 346020		compact additional power supply to be used to supply the MH200N scenario programmer - 2 DIN modules
○ 346021		as above - 127 Va.c.

GSM TELEPHONE ACTUATOR		
○ F462		GSM telephone actuator for the enabling/disabling of loads via SMS. It provides interaction with BTicino timer thermostats, item L/N/NT4450, and the possibility of managing 2 alarm inputs - 4 DIN modules

SWITCH		
○ F551		10/100 Mbs switch - 5 ports for the distribution of 1 LAN line to 4 lines. Possibility of adding several switches for arranging several lines - Power supply using item F552 power supply unit - 4 DIN modules
○ C9451		reduced size switch (29x98x171 - HxDxL), with 9 RJ45 ports. Automatic detection of the T base 10/100Mbit/s operating speed. Possibility of connecting up to 8 PCs - 12 Vd.c. with power supply included

AUDIO/VIDEO WEB SERVER		
○ F454		audio/video web server for the remote control of the system using web pages or the MY HOME portal. The device can operate as a gateway for the use of the MHVisual and Virtual Configurator software - 6 DIN modules

CENTRAL UNIT WITH TELEPHONE DIALLING DEVICE		
○ 3485		POLYX ALARM central unit with system self-learning function, and display of the configuration on the screen. Controlled using the transponder and the keypad. Managing up to 72 zones and max. 8 areas. Possibility to set up to 16 user scenarios. Fitted with PSTN telephone dialling device for alarm forwarding. Programmed using the TiSecurity POLYX application. Wall mounted using the metal bracket supplied as standard. Battery powered, using battery item 3506, supplied as standard
○ 3486		central unit with system self-learning function and display of the configuration on the screen. Controlled using the IR remote control, the transponder and the keypad. Managing up to 72 zones and 8 areas. Possibility to set up to 16 user scenarios. Fitted with integrated PSTN and GSM telephone dialling device, for forwarding of alarms. Programmed using the TiSecurity GSM application. Wall mounted using the metal bracket supplied as standard, or flush mounted inside MULTIBOX units. Battery powered, using battery item 3507/6

 : device with Open Web Net communication protocol for applications of integration

NOTE: White colour device Tech colour device Anthracite colour device Neutral item

MY HOME - BUS SCS

Automation




L4651M2





L4652/2



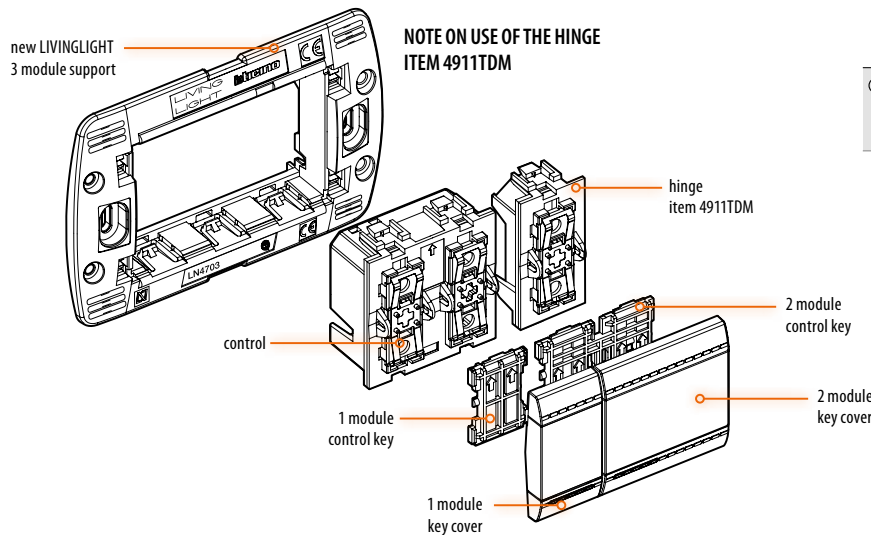
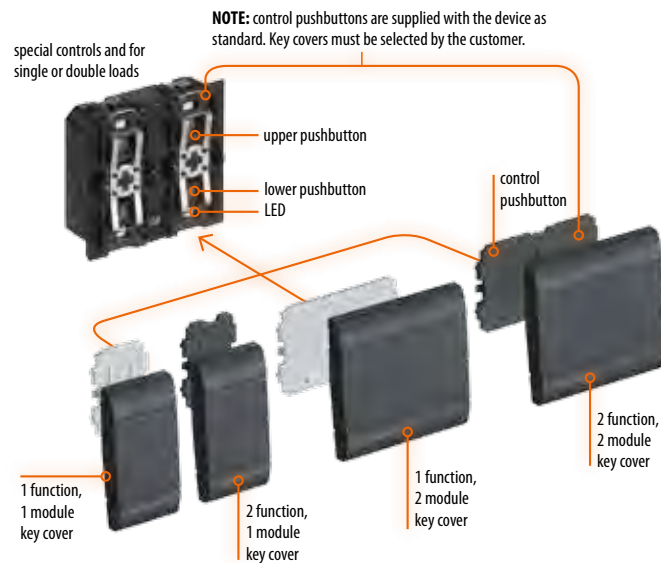
L4652/3

Item	SPECIAL CONTROL
○ L4651M2	 2 module special control, flush mounted, with lowered section, suitable for all standard and special functions. To be completed with one or two functions 1 or 2 module key cover - 4 green/red two-colour LEDs

Item	CONTROLS FOR SINGLE AND DOUBLE LOADS
○ L4652/2	 lowered section control that can drive a single actuator for single or double loads, as well as two actuators for single loads or double independent loads - to be completed with one 2 module key cover for one or two functions controls, or 2 one or two-function 1 module key covers - 2 green/red two-colour LEDs - 2 modules
○ L4652/3	 control that can drive three actuators for single or independent double loads - to be completed with three 1 module key covers for one or two-function controls - 6 green/red two-colour LEDs - 3 modules

MY HOME KEY COVERS

MY HOME key covers have been unified with those for electromechanical control devices.



HINGE	
○ 4911TDM	 accessory for the installation of 2 module key covers on 503E box mounted devices

MY HOME - BUS SCS

Automation



N4563



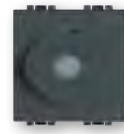
N4680



NT4607



NT4607/4



L4563




L4680





3530S







3540

Item	KNOB CONTROL	
<input type="checkbox"/> N4563		knob control for advanced dimmer adjustment (level from 1 to 99%, soft-start switch on, etc.). Central ON/OFF pushbutton. - 2 modules
<input type="checkbox"/> NT4563		
<input type="checkbox"/> L4563		

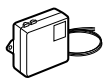

Item	SCENARIO CONTROL	
<input type="checkbox"/> N4680		scenario control that can be customized for the control of up to 4 "room set-ups" of independent Automation Temperature control and Sound system saved in the scenario module, item F420 - 2 modules
<input type="checkbox"/> NT4680		
<input type="checkbox"/> L4680		


Item	SCENARIO MODULE	
<input type="checkbox"/> F420		device enabling to save 16 scenarios for Automation, Sound system, Temperature control and video door entry applications - 2 DIN modules

Item	CODE PROTECTED CONTROLS	
<input type="checkbox"/> N4607		device that allows to save up to 30 transponders (badges) for the execution of protected controls - 2 modules
<input type="checkbox"/> NT4607		
<input type="checkbox"/> L4607		
<input type="checkbox"/> N4607/4		transponder protected scenario control - it enables saving up to 30 transponders (badges) for the control of 4 protected scenarios - 2 modules
<input type="checkbox"/> NT4607/4		
<input type="checkbox"/> L4607/4		

Item	TRANSPONDER	
<input type="checkbox"/> 3530S		portable badge - when moved close to the transponder reader, it causes its activation, enabling the signal generated to be transferred to the BUS - it does not require batteries - it can be automatically coded using the transponder reader
<input type="checkbox"/> 3540		as above - key-holder with same functions

Warning:
only controls with production batch no. from 03W18 can read items 3530S (slim badge) and 3540 (key-ring). Older readers are only suitable for use with item 3530 (badge).

Item	CONTACT INTERFACE	
<input type="checkbox"/> 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 (rolling shutters) - the inputs accepts two traditional switches or pushbuttons with NO and NC contact, or a traditional two-way switch, or interlocked pushbuttons
<input type="checkbox"/> F428		as above - 2 DIN modules

Item	MEMORY MODULE	
<input type="checkbox"/> F425		module used for saving the status of the actuators - to reset the light automation system in case of power cut - 2 lowered DIN modules

Item	KIT - ROLLING SHUTTER AUTOMATION	
<input type="checkbox"/> MHKIT10N	automation kit for automated control of 5 rolling shutters (or motor controlled curtains) - white, Tech, anthracite colour controls	

MY HOME - BUS SCS

Automation



N4654N



NT4654N




3529

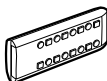




L4658N



N4659N

Item	ACTIVE INFRARED RECEIVERS
<input type="checkbox"/> N4654N	 remote control receiver for remote control item 3529 - up to 16 activations or scenarios saved in the scenario module, item F420 and scenario programmer item MH200N - 2 modules
<input checked="" type="checkbox"/> NT4654N	
<input checked="" type="checkbox"/> L4654N	

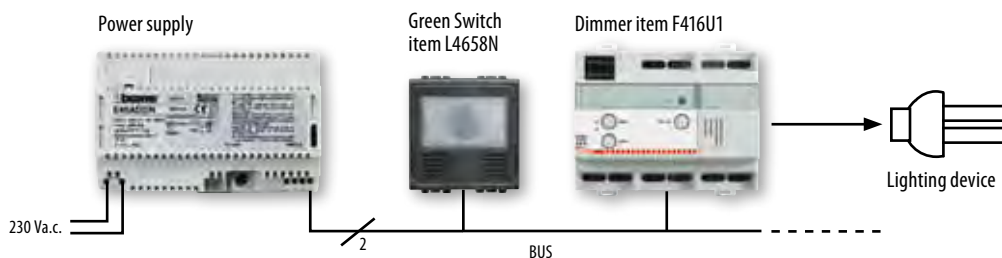
Item	IR REMOTE CONTROL
<input type="checkbox"/> 3529	 device for the control of receivers (up to 16 receivers within the same room) - possibility of direct selection of up to 16 channels - powered by four 1.5 V AAA batteries

Item	GREEN SWITCH AND PIR SENSOR
<input type="checkbox"/> N4658N <input checked="" type="checkbox"/> NT4658N <input checked="" type="checkbox"/> L4658N	 Green Switch: integrated control with movement sensor, using 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 level and movement. Switch off delay and brightness sensor threshold adjustable using the one/two-way (BMS04003 and BMS04001) remote control, physical or virtual configuration. 2 modules
<input type="checkbox"/> N4659N <input checked="" type="checkbox"/> NT4659N <input checked="" type="checkbox"/> L4659N	 passive infrared sensor for the detection of movement and the lighting level. Coverage 5 m wide by 180° and 9 m field depth at an installation height of 1.2 m. Switch off delay and brightness sensor threshold adjustable using the one/two-way (BMS04003 and BMS04001) remote control, physical or virtual configuration. 2 modules

Management of lighting level depending on the presence of people and the level of natural light: this means maximum visual comfort for the users, and a big contribution to energy savings. In the service sector, savings of 55% to 75% are possible.

UP TO 55%
SAVINGS
in compliance with
EN15193 standard

DIAGRAM OF USE OF THE GREEN SWITCH ITEM L/N/NT4658N



ECO MODE

Manual load switching on and automatic switching off by the dimmer/actuator, based on the detection of movement and the lighting level detected by the switch, item L4658N. The function of the switch is mainly to activate the automatism of the dimmer/actuator: on first pressure the sensor compares the desired light level with the actual light level inside the room, and decides if the lights must be switched on or not. A second pressure of the control, if desired, will force the switching on or off of the automatism set by the dimmer/actuator.

NOTE: White colour device

Tech colour device

Anthracite colour device

Neutral item

MY HOME - BUS SCS

Automation







BMSE1001







BMSE2001



BMSE2005

Item		LIGHTING/MOVEMENT SENSORS
○ BMSE1001		passive infrared BUS sensor, for the detection of movement and light intensity, ceiling mounted installation, protection index IP20, screw connection, 6 m (28 m ²) diameter coverage when installed at a 2.5 m height, maximum installation height 4 m, 27 Vd.c. power supply from BUS, absorption 10 mA, virtual or physical configuration adjustment
○ BMSE2001		passive infrared BUS sensor, for the detection of movement and light intensity, wall or ceiling mounted installation, protection index IP42, clamp and RJ45 connection, coverage 2 m wide by 30°, 12 m (24 m ²) field depth when installed at a 2.5 m height, max. installation height 6 m, 27 Vd.c. power supply from BUS, absorption 12 mA, adjustment using one-two-way remote control (BMSO4003 and BMSO4001), physical or virtual configuration
○ BMSE2002		passive infrared BUS sensor, for the detection of movement and light intensity, wall or ceiling mounted installation, protection index IP42, clamp and RJ45 connection, coverage 11 m wide by 90°, 14 m (120 m ²) field depth when installed at a 2.5 m height, max. installation height 6 m, 27 Vd.c. power supply from BUS, absorption 12 mA, adjustment using one-two-way remote control (BMSO4003 and BMSO4001), physical or virtual configuration

Item		LIGHTING/MOVEMENT SENSORS
○ BMSE2003		passive infrared BUS sensor, for the detection of movement and light intensity, wall or ceiling mounted installation, protection index IP42, clamp and RJ45 connection, coverage 2 m wide by 30°, 9+9 m (36 m ²) field depth when installed at a 2.5 m height, max. installation height 6 m, 27 Vd.c. power supply from BUS, absorption 12 mA, adjustment using one-two-way remote control (BMSO4003 and BMSO4001), physical or virtual configuration
○ BMSE2004		passive infrared BUS sensor, for the detection of movement and light intensity, wall or ceiling mounted installation, protection index IP42, clamp and RJ45 connection, coverage 10 m wide by 140°, 27 m (210 m ²) field depth when installed at a 2.5 m height, max. installation height 6 m, 27 Vd.c. power supply from BUS, absorption 12 mA, adjustment using one-two-way remote control (BMSO4003 and BMSO4001), physical or virtual configuration
○ BMSE2005		double technology passive infrared and ultrasound BUS sensor, for the detection of movement and light intensity, wall or ceiling mounted installation, protection index IP42, clamp and RJ45 connection, coverage 14 m wide by 180°, 7 m (77 m ²) field depth when installed at a 2.5 m height, max. installation height 6 m, 27 Vd.c. power supply from BUS, absorption 12 mA, adjustment using one-two-way remote control (BMSO4003 and BMSO4001), physical or virtual configuration

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

SENSOR QUICK SELECTION TABLE

	BMSE1001	BMSE2001	BMSE2002	BMSE2003	BMSE2004	BMSE2005
Type of installation	ceiling	wall/ceiling	wall/ceiling	wall/ceiling	wall/ceiling	wall/ceiling
Operation			ON-OFF, dimmer, movement detection, lighting level			
Type of operation	Auto/Eco/Walkthrough	Auto/Eco/Walkthrough	Auto/Eco/Walkthrough	Auto/Eco/Walkthrough	Auto/Eco/Walkthrough	Auto/Eco/Walkthrough
Type of sensor	PIR	PIR	PIR	PIR	PIR	PIR+US
Power supply	27 Vd.c. from BUS	27 Vd.c. from BUS	27 Vd.c. from BUS	27 Vd.c. from BUS	27 Vd.c. from BUS	27 Vd.c. from BUS
Absorption	10 mA	12 mA	12 mA	12 mA	12 mA	17 mA
IP protection index	IP20	IP42	IP42	IP42	IP42	IP42
Coverage at 2.5 m	ø 6 m (28 m ²)	2 x 12 m (24 m ²)	11 x 14 m (120 m ²)	2 x 9+9 m (36 m ²)	10 x 27 m (210 m ²)	14 x 7 m (77 m ²)
Angle (vertical/horizontal)	90/360°	90/30°	60/90°	90/30°	60/140°	60/180°
Max. installation height (m)	4	6	6	6	6	6
Sensitivity (lux)	1 - 2000	1 - 2000	1 - 2000	1 - 2000	1 - 2000	1 - 2000
Switch off time delay	0 sec. - 255 hours	0 sec. - 255 hours	0 sec. - 255 hours	0 sec. - 255 hours	0 sec. - 255 hours	0 sec. - 255 hours
Operating temperature	(-5) - (+45) °C	(-5) - (+45) °C	(-5) - (+45) °C	(-5) - (+45) °C	(-5) - (+45) °C	(-5) - (+45) °C
Factory settings	No	300 lux - 15 minutes	300 lux - 15 minutes	300 lux - 15 minutes	300 lux - 15 minutes	300 lux - 15 minutes
Adjustment with Remote Control	No	Yes	Yes	Yes	Yes	Yes
Adjustment using the PC	Yes	Yes	Yes	Yes	Yes	Yes
Type of connection	With clamp and RJ45	With clamp and RJ45	With clamp and RJ45	With clamp and RJ45	With clamp and RJ45	With clamp and RJ45

MY HOME - BUS SCS

Automation



LN4671M2



L4678



3475

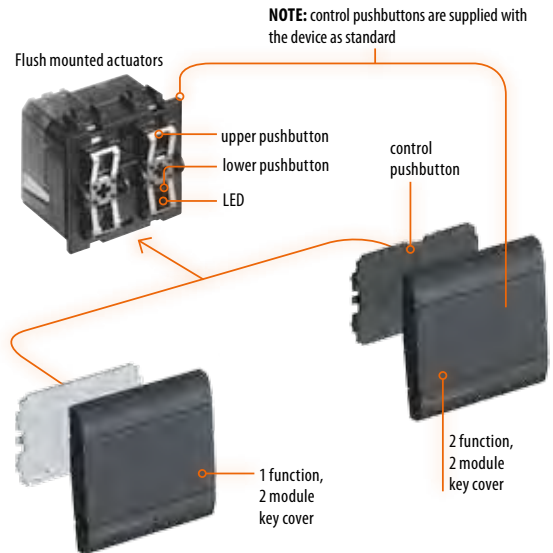
Item

ACTUATORS AND FLUSH MOUNTED ACTUATORS/DIMMERS

○ LN4671M2		actuator with 2 independent relays - for single, double, and mixed loads: 2 A resistive, 2 A for filament lamps, 500 W for motor reducers, 2 A cosφ 0.5 for ferromagnetic transformers, and 70 W for fluorescent lamps - logic relay interlock via the configuration. The device may also be configured to manage a remote actuator – 2 modules
○ L4671/1		1 relay actuator with control-key - for single load: 6 A resistive or filament lamps, 2 A cosφ 0.5 for ferromagnetic transformers and 150 W fluorescent lamps - to be completed with single or double function 2 module key cover
○ L4678		dimmer actuator for filament lamps and ferromagnetic transformers - 60 - 300 VA, 230 Va.c. - to be completed with single or double function 2 module key cover - 2 modules

BASIC MODULE ACTUATORS

○ 3475		1 relay actuator - for single loads: 2 A resistive or incandescence lamps and 2 A cosφ 0.5 for ferromagnetic transformers – suitable for installation in ceiling light cups or inside flush-mounted boxes, behind control devices
○ 3476		1 relay actuator - for single loads: 2 A resistive or incandescence lamps and 2 A cosφ 0.5 for ferromagnetic transformers – input suitable for a traditional NO contact pushbutton



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

Actuators	Type						
	Energy saving incandescent and halogen lamps	Resistive loads	Linear fluorescent lamps ¹⁾	Compact fluorescent lamps	Electronic transformers	Ferromagnetic transformers ²⁾	Motor reducers for rolling shutters ³⁾
LN4671M2	2 A 500 W	6 A 1400 W	0.3 A 70 W	70 W Max. 2 lamps	0.3 A 70 W	2 A cosφ 0.5 500 VA	2 A 500 W
L4671/1	6 A 1400 W	6 A 1400 W	0.65 A 150 W	150 W Max. 3 lamps	0.65 A 150 W	2 A cosφ 0.5 500 VA	- -
L4678	0.25 - 1.35 A 60 - 300 W	0.25 - 1.35 A 60 - 300 W	- -	- -	- -	0.25 - 1.35 A 60 - 300 VA	- -
3475 3476	2 A 500 W	2 A 500 W	- -	40 W Max. 1 lamp	- -	2 A cosφ 0.5 500 VA	- -

Notes:

1) power factor corrected fluorescent lamps, energy saving lamps, discharge lamps.

2) in order to calculate the actual power of the load connected to the actuator, it will be necessary to take into account the transformer performance. For example, when connecting a dimmer to a 100 VA ferromagnetic transformer with 0.8 performance, the actual load power will be 125 VA. The transformer must be loaded at its rated power, or in any case never below 90% of its rated power. It will be preferable to use a single transformer, rather than several transformers in parallel. For example, it will be preferable to use one single 250 VA transformer with 5 x 50 W spotlights connected, rather than using 5 x 50 VA transformers in parallel, with one 50 W spotlight each.

3) the symbol shown on the actuators refers to the rolling shutter motor reducers.

NOTE: □ White colour device

■ Tech colour device





■ Anthracite colour device





○ Neutral item

MY HOME - BUS SCS

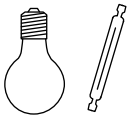


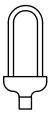
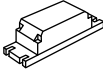

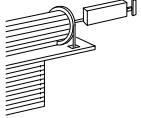
Automation




Item	ACTUATORS FOR CENTRALISATIONS	
○ F411/1N		two-way 1 relay actuator - for single loads: 16 A resistive, 10 A filament lamps, 4 A $\cos\phi$ 0.5 for ferromagnetic transformers, and 4 A for fluorescent lamps - 2 DIN modules
○ F411/2		2 independent relay actuator - for single and double loads: 10 A resistive and 6 A for filament lamps, 500 W for motor reducers, 2 A $\cos\phi$ 0.5 for ferromagnetic transformers, and 250 W for fluorescent lamps - logic relay interlock via configuration - 2 DIN modules
○ F411/4		4 independent relay actuator - for single, double and combined loads: 6 A resistive and 2 A for filament lamp, 500 W for motor reducers, 2 $\cos\phi$ 0.5 for ferromagnetic transformers, and 70 W for fluorescent lamps - logic relay interlock via configuration - 2 DIN modules
○ F411/1NC		actuator with 1 two-way NC relay for single loads, 16 A resistive, 10 A for incandescence lamps, and 4 A for fluorescent lamps. At switch on, the contact of the device is always closed (ON status), and it opens when an OFF control is sent. In this way, if there is no power input from the BUS, the device will remain in the ON status, keeping the load ON - 2 DIN modules

Item	ACTUATORS FOR CENTRALISATIONS	
○ F411/2NC		actuator with 2 independent NC relays for single loads, 6 A resistive and filament lamps, and 0.65 A for fluorescent lamps. At switch on, the contact of the device is always closed (ON status), and it opens when an OFF control is sent. In this way, if there is no power input from the BUS, the device will remain in the ON status, keeping the load ON. - 2 DIN modules
○ BMSW1001		ON/OFF actuator, 1 output with maximum load 16 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbutton - zero-crossing function - 4 DIN modules
○ BMSW1002		ON/OFF actuator, 2 independent outputs with maximum load 16 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbuttons - zero-crossing function - 4 DIN modules
○ BMSW1003		ON/OFF actuator, 4 independent outputs with maximum load 16 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbuttons - zero-crossing function - 6 DIN modules

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

Actuators	Type						
							
	Energy saving incandescent and halogen lamps	Resistive loads	Linear fluorescent lamps ¹⁾	Compact fluorescent lamps	Electronic transformers	Ferromagnetic transformers ²⁾	Motor reducers for rolling shutters ³⁾
F411/1N	10 A 2300 W	16 A 3500 W	4 A 1000 W	500 W Max. 10 lamps	4 A 1000 W	4 A $\cos\phi$ 0.5 1000 VA	
F411/2	6 A 1400 W	10 A 1400 W	1 A 250 W	250 W Max. 4 lamps	1 A 250 W	2 A $\cos\phi$ 0.5 500 VA	2 A 500 W
F411/4	2 A 500 W	6 A 1400 W	0.3 A 70 W	70 W Max. 2 lamps	0.3 A 70 W	2 A $\cos\phi$ 0.5 500 VA	2 A 500 W
F411/1NC	10 A 2300 W	16 A 3500 W	4 A 1000 W	500 W Max. 10 lamps	4 A 1000 W	4 A $\cos\phi$ 0.5 1000 VA	- -
F411/2 NC	6 A 1400 W	6 A 1400 W	0.65 A 150 W	250 W Max. 4 lamps	0.65 A 150 W	1 A $\cos\phi$ 0.5	- -
BMSW1001	16 A 3680 W	-	4.3 A 10X(2X36W)	5 A 1150 W	16 A 3680 W	16 A 3680 VA	-
BMSW1002	16 A 3680 W	-	4.3 A 10X(2X36W)	5 A 1150 W	16 A 3680 W	16 A 3680 VA	-
BMSW1003	16 A 3680 W	-	4.3 A 10X(2X36W)	5 A 1150 W	16 A 3680 W	16 A 3680 VA	-

Notes:

- power factor corrected fluorescent lamps, energy saving lamps, discharge lamps.
- in order to calculate the actual power of the load connected to the actuator, it will be necessary to take into account the transformer performance. For example, when connecting a dimmer to a 100 VA ferromagnetic transformer with 0.8 performance, the actual load power will be 125 VA. The transformer must be loaded at its rated power, or in any case never below 90% of its rated power. It will be preferable to use a single transformer, rather than several transformers in parallel. For example, it will be preferable to use one single 250 VA transformer with 5 x 50 W spotlights connected, rather than using 5 x 50 VA transformers in parallel, with one 50 W spotlight each.
- the  symbol shown on the actuators refers to the rolling shutter motor reducers.

NOTE: White colour device Tech colour device Anthracite colour device Neutral item

MY HOME - BUS SCS

Automation



F413N



BMDI1001



F414



F415







F416U1








F417U2



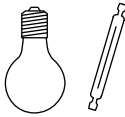


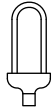
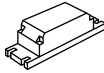
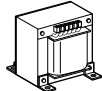
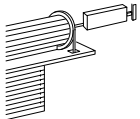
F429

Item	DIMMERS FOR CENTRALISATIONS	
<input type="radio"/> BMDI1001		1/10 V dimmer, 1 output with maximum load 4.3 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, 6 DIN modules, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbutton - 6 modules
<input type="radio"/> F413N		1 output dimmer for the powering of fluorescent lamps or LED sources with 1 to 10 V input for single loads up to 2.5 A at 230 Va.c. - screw connection - 27 Vd.c. power supply - absorption 30 mA - possibility of connecting up to 10 ballasts (clamps 1-2) - with direct load control pushbutton - DIN rail mounted version - 2 modules
<input type="radio"/> F414		1 output dimmer for the powering of filament and halogen lamps with ferromagnetic transformer - 27 Va.c. power supply - absorption 9 mA - with direct load control pushbutton, DIN rail mounted version - 4 modules
<input type="radio"/> F414/127		as above 127 Va.c.

Item	DIMMERS FOR CENTRALISATIONS	
<input type="radio"/> F415		1 output dimmer for the powering of filament and halogen lamps with electronic transformer - 27 Vd.c. power supply - absorption 22 mA - with direct load control pushbutton - DIN rail mounted version - 4 modules
<input type="radio"/> F415/127		as above 127 Va.c.

Item	MULTILOAD DIMMER FOR CENTRALISATIONS	
<input type="radio"/> F416U1		multiload dimmer, 1 output with maximum load 4.3 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbutton - 6 DIN modules
<input type="radio"/> F417U2		multiload dimmer, 2 independent outputs with maximum load 1.7 A at 230 Va.c., clamp and RJ45 connection, IP20 protection index, power supply 100/240 Va.c. 50/60 Hz, direct load control pushbutton - 6 DIN modules
<input type="radio"/> F429		DALI Dimmer, 8 independent outputs for the connection of up to 16 DALI reactors for each output - power supply 230 Va.c. 50/60 Hz; 110-240 Vd.c. - absorption 90 mA - with direct load control pushbutton - DIN rail mounted version - 4 modules


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

Actuators	Type						
							
BMDI1001	- -	- -	4.3 A 1000 W ⁴⁾ Max. 10 ballast type T5, T8, compact or driver for LED	- -	- -	- -	- -
F413N	- -	- -	2.5 A 550 W ⁴⁾ Max. 10 ballast type T5, T8, compact or driver for LED	- -	- -	- -	- -
F414	0.25 - 4 A 60 - 1000 W	0.25 - 4 A 60 - 1000 W	- -	- -	- -	0.25 - 4 A 60 - 1000 VA	- -
F415	- -	- -	- -	- -	0.25 - 1.7 A 60 - 400 VA	- -	- -
F416U1	4.3 A 1000 W	- -	- -	- -	4.3 A 1000 W	4.3 A 1000 VA	- -
F417U2	1.7 A 400 W	- -	- -	- -	1.7 A 400 W	1.7 A 400 VA	- -

Notes:

1) power factor corrected fluorescent lamps, energy saving lamps, discharge lamps.

2) in order to calculate the actual power of the load connected to the actuator, it will be necessary to take into account the transformer performance. For example, when connecting a dimmer to a 100 VA ferromagnetic transformer with 0.8 performance, the actual load power will be 125 VA. The transformer must be loaded at its rated power, or in any case never below 90% of its rated power. It will be preferable to use a single transformer, rather than several transformers in parallel. For example, it will be preferable to use one single 250 VA transformer with 5 x 50 W spotlights connected, rather than using 5 x 50 VA transformers in parallel, with one 50 W spotlight each.

3) the  symbol shown on the actuators refers to the rolling shutter motor reducers.

4) only compatible with lamps with 1/10 V Ballast.

NOTE: White colour device

Tech colour device

Anthracite colour device

Neutral item

MY HOME - BUS SCS

Burglar alarm - Technical alarms



Item	BURGLAR-ALARM CENTRAL UNIT WITH TELEPHONE DIALLING DEVICE	
○ 3485		POLYX ALARM central unit with system self-learning function, and display of the configuration on the screen. Controlled using the transponder and the keypad. Managing up to 72 zones and 8 areas. Possibility to set up to 16 user scenarios. Fitted with PSTN telephone dialling device for alarm forwarding. Programmed using the TiSecurity POLYX application. Wall mounted using the metal bracket supplied as standard. Battery powered, using battery item 3506, supplied as standard
○ 3486		central unit with system self-learning function and display of the configuration on the screen. Controlled using the IR remote control, the transponder and the keypad. Managing up to 72 zones and 8 areas. Possibility to set up to 16 user scenarios. Fitted with integrated PSTN and GSM telephone dialling device, for forwarding of alarms. Programmed using the TiSecurity GSM application. Wall mounted using the metal bracket supplied as standard, or flush mounted inside MULTIBOX units. Battery powered, using battery item 3507/6
○ 3483		coaxial extension cable for the central unit aerial, item 3486 - L = 3.5 metres
○ 3484		GSM aerial protection tamper - to ensure level 2 of CEI 79-2 standard, the tamper protection must be used

BURGLAR-ALARM CENTRAL UNIT		
○ 3485B		central unit with system self-learning function and on-screen configuration display. Controlled using the transponder and the keypad. Managing up to 36 zones and 4 areas. Possibility to set up to 4 user scenarios. Fitted with alarm notification actuator, as well as doors and windows protection NC contacts connection terminal. Wall mounted using the metal bracket supplied as standard. Battery powered, using battery item 3506, supplied
□ N4601 ■ NT4601 ■ L4601		as above - flush mounted installation - battery powered, using battery item L4380/B supplied - 6 modules

Item	AREA 1-4 DIVIDER	
□ N4607/4 ■ NT4607/4 ■ L4607/4		receiver for the arming/disarming of the system using the transponder badge item 3530S and item 3540 - pushbuttons for the control of 4 zones - zone status and system status LED notifications - possibility of disabling visual and sound notifications - 2 modules

AREA 5-8 EXPANSION UNIT		
□ N4603/8 ■ NT4603/8 ■ L4603/8		module for the expansion of zones that may be divided - zones 5 to 8 control pushbuttons - LED zone status notification - possibility of disabling the visual notifications - it can be coupled to the zone 1-4 divider to expand the system to up to 8 zones - 2 modules


KEYPAD CONNECTOR WITH DISPLAY		
□ N4608 ■ NT4608 ■ L4608		device fitted with display for arming or disarming the system using a numeric key, set and saved on the burglar-alarm central unit, item 3485/B, item 3486 or with transponder badge. If used with the flush mounted central unit, item L/N/NT4600/4, the code or the transponder badge used are those saved in the central unit during the programming of the keypad and badge connector devices. It can be used to display all information, as well as to manage some functions, of the central unit (division etc.). Installation inside flush mounted boxes, item 506E, with front cover plate, Powered by battery, item L4380/B, included - 6 modules

KEYPAD CONNECTOR		
□ N4606 ■ NT4606 ■ L4606		device for arming or disarming the system using a numeric key, set and saved on the burglar-alarm central unit, item 3485/B, item 3486 and item L/N/NT/4601. If used with the flush mounted control unit, item L/N/NT4600/4, the code used is the one saved on the central unit during the programming procedure - 2 modules



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

Burglar alarm - Technical alarms






Item	TRANSPONDER CONNECTOR
<input type="checkbox"/> N4607 <input type="checkbox"/> NT4607 <input checked="" type="checkbox"/> L4607	 <p>for arming and disarming the system using the transponder (badge) saved in the display central unit. If used with the flush mounted central unit, item L/N/NT4600/4, the transponder used is the one saved in the central unit during the programming procedure - LED system status notification - auxiliary channel available for activations - 2 modules</p>


Item	BURGLAR-ALARM KIT
<input checked="" type="checkbox"/> MHKIT85N	<p>burglar-alarm expandable kit formed of:</p> <ul style="list-style-type: none"> - 1 central unit item 3485B - 2 IR sensors item N4640 - 1 power supply item E46ADCN - 1 external siren item 4072L - 1 magnetic contact item 3511 - various configurators

Item	TRANSPONDER
<input checked="" type="checkbox"/> 3530S	 <p>slim line portable badge</p>
<input checked="" type="checkbox"/> 3540	 <p>key-ring portable badge</p>


Item	PASSIVE INFRARED DETECTORS
<input type="checkbox"/> N4610 <input type="checkbox"/> NT4610 <input checked="" type="checkbox"/> L4610	 <p>passive infrared volumetric presence detector with adjustable sensitivity level (range: 3-9 metres) - alarm LED with memory - 105° angular opening, 14 bands over 3 floors - auxiliary pre-alarm channel that can be activated - 2 modules</p>
<input type="checkbox"/> N4611 <input type="checkbox"/> NT4611 <input checked="" type="checkbox"/> L4611	 <p>volumetric presence detector as above - angular opening that can be divided from 105° to 0° - lens adjustable on 2 axis</p>
<input type="checkbox"/> N4611B <input type="checkbox"/> NT4611B <input checked="" type="checkbox"/> L4611B	 <p>passive infrared volumetric presence detector with fixed sensitivity level (range: 6 metres) - alarm LED with memory - 105° angular opening, 14 bands over 3 floors - only for burglar alarm functions - 2 modules</p>

Item	REMOTE CONTROL
<input checked="" type="checkbox"/> 348220	 <p>radio remote control with built-in transponder, with two pushbuttons, for arming or disarming of the system. Max. distance 50 m without obstructions. Powered by a 3 V CR2032 type battery - to be used with radio receiver, item L/N/NT4618</p>

Item	IR PASSIVE MINI-DETECTORS
<input checked="" type="checkbox"/> N4640	 <p>passive infrared volumetric presence detector with adjustable sensitivity (range: 3-9 metres) - alarm LED with memory - 105° angular opening, 14 bands over 3 floors - 3 level sensitivity adjustment through the configuration - possibility of activating the auxiliary pre-alarm channel - wall mounted, tilted and corner, installation</p>
<input checked="" type="checkbox"/> N4640B	 <p>detector as above - preset sensitivity level (range: 6 metres) - only for burglar alarm functions</p>

Item	KEY DISCONNECTOR
<input type="checkbox"/> N4605 <input type="checkbox"/> NT4605 <input checked="" type="checkbox"/> L4605	 <p>module to switch the system off and block it by means of a mechanical key - LED system status notification - fitted with keyhole cover - key with 10,000 combinations - 2 modules</p>

Item	EXTENDED 4 PLUS GUARANTEE
<input checked="" type="checkbox"/> 3549	<p>BTicino 4 PLUS Guarantee package - extended program guarantee that offers the following advantages for the installer: - free start up by the BTicino Technical After-Sales Service Centre - after-sales assistance supplied by BTicino Technical After-Sales Service Centres - all interventions free of charge during the 2 year guarantee period, and subject to fixed fee for the following 2 years - the guarantee on the burglar alarm system may be extended to 4 years - interventions not covered by the guarantee will be subjected to a fixed fee at advantageous conditions - activation of the My home Web service (on request of the customer)</p>

Item	DOUBLE-TECHNOLOGY DETECTORS
<input type="checkbox"/> N4613 <input type="checkbox"/> NT4613 <input checked="" type="checkbox"/> L4613	 <p>double-technology volumetric presence detector made up of two sensors: one infrared to detect warm bodies (IR) and one with microwaves to detect movement (MW). The alarm is only triggered when both detection technologies activate - 2 modules</p>

MY HOME - BUS SCS

Burglar alarm - Technical alarms



3480



F482



3510M



3514



3518



L4614

Item	CONTACT INTERFACE MODULE	
○ 3480		interface module for 2 lines of NC/NO electromagnetic contacts – possibility of connecting a balanced or non-balanced contact protection line - alarm warning LED with tripping memory – possibility of activating the auxiliary pre-alarm channel – base module
○ F482		as above - for the management of two NC electromagnetic contact lines and cable detector for rolling shutters - 2 DIN

NOTE: The item 3480 device is also preset the management of “technical alarms” in general.

INTERFACE MODULE		
○ 3480V12		contact interface module with 12 V output for the connecting to the burglar alarm system a rolling shutter mechanical wire (item 3514), or similar, or a normally closed/normally open contact, and an IR barrier, for windows - basic module
○ F482V12		as above but managing 2 contacts – 2 DIN

MAGNETIC CONTACTS		
○ 3510		NC electromagnetic contact interface detectors and protection line - flush mounted version
○ 3510M		detector as above - made of brass with high mechanical resistance, for installation in non ferromagnetic material windows and doors, or in low section doors and windows
○ 3510PB		detector as above – made of brass, with high mechanical resistance for installation in all types of doors and windows and reinforced doors
○ 3511		detector as above - visible mounted version
○ 3512		detector as above - made of die cast aluminium, for installation on tilting or sliding doors. Preset for floor installation
○ 3513		detector as above - version for visible installation on metal surfaces

Item	CABLE DETECTOR FOR ROLLING SHUTTERS	
○ 3514		detector for the protection of shutters or rolling shutters









WINDOW-BREAKING DETECTOR		
○ 3516		piezoelectric window-breaking detector. Installation by means of double-sided adhesive tape, supplied. Protection of windows with 3 metre maximum diagonal opening



IR BARRIERS		
Active infrared barriers for the protection of windows and doors. The device consists of 2 columns, one operates as TRANSMITTER (TX), the other as RECEIVER (RX). When several IR beams are broken, the alarm is immediately triggered.		
○ 3518		window barrier - 1 metre - 4 beams
○ 3519		door barrier - 2 metres - 8 beams
○ 3518/50		window barrier - 0.5 metres - 2 beams
○ 3518/150		window barrier - 1.5 metres - 6 beams


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Burglar alarm - Technical alarms

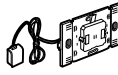


Item	RELAY ACTUATOR MODULE	
○ 3479		multiple configuration actuator module with relay output - C-NO-NC, 24 V 0.4 A cosφ 0.4 contacts – to be used for the repetition of various types of alarms based on the configuration. It may be activated by: burglar alarms, battery exhausted signals, technical alarm valve closed – base module
○ F481		as above - 2 DIN modules
TECHNICAL ALARM INTERFACE		
○ 3481		interface module for the reception of alarms from technical alarm sensors, such as gas detectors L/N/NT4511/12 and L/N/NT4512/2 - 5-12 Vac/dc opto-isolated input available – base module
○ F483		as above - 2 DIN modules
NATURAL GAS DETECTORS		
<input type="checkbox"/> N4511/12 <input type="checkbox"/> NT4511/12 <input checked="" type="checkbox"/> L4511/12		NATURAL GAS detector with visual and sound (85 dB) alarm notification - internal self-diagnosis - preset for the control of signal repeaters - powered by a 12 Va.c./d.c. transformer, item L/N/NT4541 or item F91/12E - 2 modules
LPG DETECTORS		
<input type="checkbox"/> N4512/12 <input type="checkbox"/> NT4512/12 <input checked="" type="checkbox"/> L4512/12		LPG GAS detector with visual and sound (85 dB) alarm notification - internal self-diagnosis - preset for the control of signal repeaters - powered by a 12 Va.c./d.c. transformer, item L/N/NT4541 or item F91/12E - 2 modules
RADIO RECEIVER FOR COMBINED WIRE-RADIO SYSTEM		
<input type="checkbox"/> N4618 <input type="checkbox"/> NT4618 <input checked="" type="checkbox"/> L4618		radio receiver module to be used as interface between the wire burglar alarm and the radio sensors, for the installation of combined wire-radio systems – it can also be used for remote assistance functions, together with remote control item 3448 and radio sensors - 2 modules
PASSIVE INFRARED RADIO DETECTOR		
○ 3440		passive infrared volumetric presence detector - alarm LED with memory – 12-metre range, 90° angular opening, 17 bands over 4 floors – possibility of pulse counter function activation - powered by 1 AA 3.6 V battery, included


Item	RADIO MAGNETIC AND GLASS BREAKING DETECTOR	
○ 3442		magnetic opening detector for doors and windows - it can be connected to additional magnetic wire contacts (items 3510, 3511 and 3513) - powered by one 3.6 V 1/2 AA battery, included
○ 3444		glass piezoelectric detector - protection of windows with 3-metre maximum diagonal opening - powered by one 1/2 AA 3.6 V battery, included

CABLE DETECTOR FOR ROLLING SHUTTERS		
○ 3445		detector for the protection of rolling shutters or similar winding shutters, consisting of a cable detector and radio transmitter - possibility of also controlling an opening magnet (included) for perimeter control - powered by one 1/2 AA 3.6 V battery, included

REMOTE CONTROL FOR REMOTE ASSISTANCE		
○ 3448		radio remote control for sending remote assistance notifications - it can be programmed automatically using the HC/NT4618 radio receiver - powered by a 3 V CR2032 type battery, included - battery life 2 years

RADIO FLOOD DETECTORS		
○ L4619		detector with sensor, for detecting flooding caused by any type of liquids - powered by a 3 V CR2032 type battery, included. To be furnished with front cover plate and key covers and item L/N/NT4919 - 2 modules

PAIR OF KEY COVERS		
<input type="checkbox"/> N4919 <input type="checkbox"/> NT4919 <input checked="" type="checkbox"/> L4919		for flood detector, item L4619

FLOOD SENSOR		
○ 3482		water detection sensor - to be used together with the contact interface, item 3480, in technical alarm mode

MY HOME - BUS SCS

Burglar alarm - Technical alarms



4072L



N4600/4



NT4070



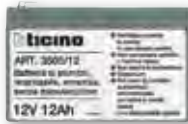
L4604



L4600/4



N4603/4




3505/12





N4604





4050


Item	EXTERNAL SIREN WITH SYSTEM BATTERY
<input type="radio"/> 4072L	 external siren including the self-supply battery for the whole system - sound notification can be set from 0 to 10 minutes by means of the central unit - to be fitted with a 12 V 12 Ah battery, item 3505/12 - sound intensity 105 dB (A) at 3 metres - light signaller with xenon lamp - anti-foam grid - protected against tearing and opening - to be used with power supply item E46ADCN

Item	4-ZONE CENTRAL UNIT
<input type="checkbox"/> N4600/4 <input checked="" type="checkbox"/> NT4600/4 <input checked="" type="checkbox"/> L4600/4	 compact system central unit - it enables system arming/disarming, 4-zone control, programming of up to 30 remote controls, system test completion, and management of alarms, including their notifications and memory - possibility of setting alarm times and tripping delays of zone 1 - 3 modules


Item	BATTERY FOR EXTERNAL SIREN ITEM 4072L
<input type="radio"/> 3505/12	 12 V 12 Ah battery


Item	ZONE 1-4 DIVIDER
<input type="checkbox"/> N4603/4 <input checked="" type="checkbox"/> NT4603/4 <input checked="" type="checkbox"/> L4603/4	 receiver for the arming/disarming of the system using the IR remote control, item 4050 - pushbuttons for the control of 4 zones - zone status and system status LED notifications - possibility of disabling visual and sound notifications. Only for use with central units item 3486 and item L/N/NT4600/4 - 2 modules

Item	OPTIONAL EXTERNAL SIREN
<input type="radio"/> 4072A	 self-powered external siren - sound notification can be set from 0 to 10 minutes by means of the control unit - to be fitted with a 12 V 7 Ah battery - sound intensity 105 dB (A) at 3 metres - light signaller with xenon lamp - anti-foam grid - protected against tearing and opening - to be used with power supply item E47ADCN




Item	CONNECTOR
<input type="checkbox"/> N4604 <input checked="" type="checkbox"/> NT4604 <input checked="" type="checkbox"/> L4604	 receiver for the arming/disarming of the system using the remote control, item 4050 - LED system status notification - possibility of disabling visual and sound notifications - possibility of setting the activation of fixed system zones - auxiliary channel available for activation of access controls (electric locks). Only for use with central units item 3486 and item L/N/NT4600/4 - 2 modules

NOTE: the external sirens do not include configurators. These may be purchased separately following the procedure explained in the "Catalogue - Accessories" page.

Item	INTERNAL SIREN
<input type="checkbox"/> N4070 <input checked="" type="checkbox"/> NT4070 <input checked="" type="checkbox"/> 4070	 self-supplied internal siren for installation inside 506E boxes - to be fitted with a 6 V 0.5 Ah battery, item 3507/6 - sound intensity 90 dB (A) at 3 metres - protected against tearing and tampering

Item	REMOTE CONTROL
<input type="radio"/> 4050	 portable infrared remote control for system arming/disarming - it can be automatically coded from the central unit - powered by two CR1616 3 V lithium batteries, included - battery operation time 50,000 operations

NOTE: the external sirens do not include configurators. These may be purchased separately following the procedure explained in the "Catalogue - Accessories" page.

Item	BATTERIES
<input type="radio"/> 3507/6	 6 V battery for internal siren item N/NT/L4070
<input type="radio"/> 3506	 7.2 V battery for central unit, item 3485/B
<input type="radio"/> L4380/B	 6 V spare battery for central unit, item L/N/NT4601 and connector, item L/N/NT4608

Item	TAMPER
<input type="radio"/> L4630	 anti-tamper device for the protection of burglar-alarm devices - reference notches for any type of flush mounted box

NOTE: White colour device Tech colour device Anthracite colour device Neutral item


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Temperature control 




Item **4-ZONE CENTRAL UNIT**

N4695
 NT4695
 L4695

 central unit for the management of a temperature control system with up to 4 zones - the product also includes the TiThermo Basic for programming from PC - 3 modules


3550

99-ZONE CENTRAL UNIT

 central unit for the management of a temperature control system with up to 99 zones - the product also includes the TiThermo Basic for programming from PC - wall mounted installation or in MULTIBOX enclosures


3507/6

BATTERY

 6 V 0.5 Ah temperature control central unit battery


N4891
 NT4891
 L4891

LOCAL DISPLAY

 1.2" OLED Touch Screen for the management of max 4 of the following functions: Sound system, Temperature control, Scenarios, Energy management and Load management - 2 modules - replace item L/N/NT4685


3457

EXTERNAL SENSOR

 Local Display external sensor


N4693
 NT4693
 L4693

SENSORS

 room temperature control sensor for heating and cooling systems - temperature measurement range 3 - 40 °C - 2 modules


N4692
 NT4692
 L4692

KNOB SENSORS

 room temperature control sensor for heating and cooling systems with knob for +/- 3 °C manual adjustment of the temperature set in the unit and for OFF and antifreeze mode selection - 2 modules


Item **FAN COIL KNOB SENSORS**

N4692FAN
 NT4692FAN
 L4692FAN

 room temperature control sensor for heating and cooling systems with knob for +/- 3 °C manual adjustment of the temperature set in the unit and for OFF and antifreeze mode selection, with manual/automatic fan-coil Hydro-relax system speed selection - 2 modules


3455

RADIO TEMPERATURE SENSOR

 radio sensor for the measurement of external temperature - use with appropriate receiving radio interface, item L/N/NT4577 - solar cell or battery powered - IP65 wall mounted enclosure


N4577
 NT4577
 L4577


SENSOR RECEIVING RADIO INTERFACES

 temperature radio sensor receiving radio interface, item 3455 - 27 Vd.c. power supply from BUS - 2 modules

F430/2
 F430/4


ACTUATORS


 2 independent relay actuator – for single and double loads: 6 A resistive, 3 A motor valves and pumps - logic relay interlock via configuration - 2 DIN modules

 4 independent relay actuator - for single, double and combined loads: 6 A resistive, 3 A motor valves, pumps and fan-coil - logic relay interlock via configuration - 2 DIN modules

3480
 F482

CONTACT INTERFACE MODULE


 door and window electric contact interface module for switching on the connected zone - basic enclosure

 as above - 2 DIN module enclosure

NOTA: for magnetic contacts see the Burglar Alarm section.

3456

SPLITTER MANAGEMENT INTERFACE

 air conditioning unit interface with IR emitter for the repetition and play back of IR air conditioning unit remote control signals. It can be controlled using Touch Screen and Multimedia Touch Screen. Basic mechanism, to facilitate installation behind the air conditioning unit. IR cable length 2 m, power supply from the 27 V BUS

MY HOME - BUS SCS

Energy management 



N4672N



NT4672N



L4673



L4672N



F521

F522

F523






3508BUS









3523






3522

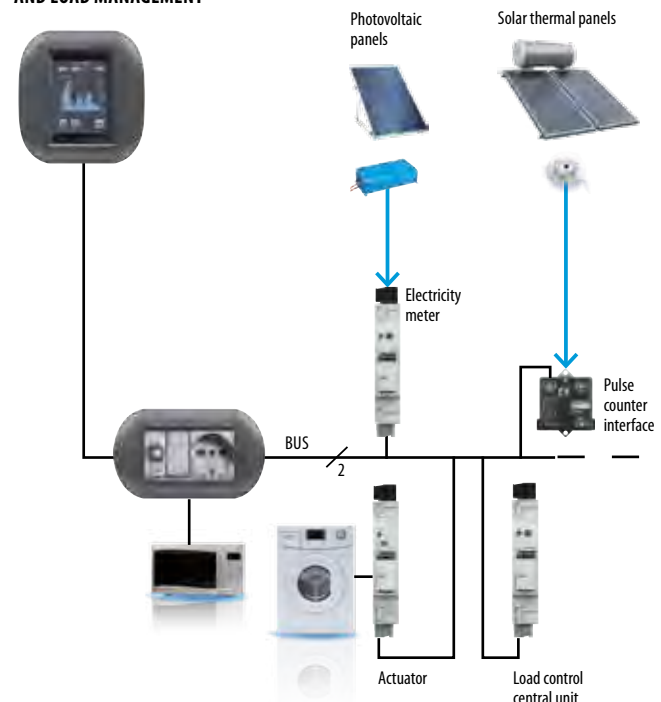
Item	CONSUMPTION DISPLAY	
<input type="radio"/> F520		device for the measurement of electric power on a maximum of three lines, made possible by connecting three toroids to the appropriate inputs. The collected and processed data can be displayed on Touch Screen or Multimedia Touch Screen. DIN rail mounting version - 1 module. The device is supplied with 1 toroid
<input type="radio"/> 3523		additional toroids for the BUS meter with three inputs for toroids, item F520, and actuator with sensor, item F522, for the measurement of the earth leakage current. Cable length 400 mm
<input type="radio"/> 3522		pulse counter interface for the collection of data from the meters (water, gas, etc.) with pulse output. The values measured can be displayed on Touch Screen or Multimedia Touch Screen. Basic module version, for hidden installation. Power supply from 27 V BUS

LOAD CONTROL AND MANAGEMENT		
<input type="radio"/> F521		central unit for the management and control of the load control system actuators, to prevent the risk of disconnection of the surge protection device of the electricity provider. The central unit manages up to 63 loads maximum, with a contract power of 1.5 to 18 kW, and a tolerance of up to +/- 20%. DIN rail mounting version - 1 module The device is supplied with 1 toroid
<input type="radio"/> F522		actuator with integrated current sensor for controlled load consumption module. 1 relay - for single loads, 16 A resistive, 10 A for incandescent lamps, and 4 A for fluorescent lamps or ferromagnetic transformers - bistable relay with zero crossing for load control Management and/or Automation functions. DIN rail mounting version - 1 module. Earth leakage current control made possible by connecting an additional toroid, item 3523
<input type="radio"/> F523		1 relay actuator - for single loads, 16 A resistive, 10 A for incandescent lamps, and 4 A for fluorescent lamps or ferromagnetic transformers - Bistable relay with zero crossing for load control Management and/or Automation functions. DIN rail mounting version - 1 module
<input type="radio"/> F524		device for the recording of the energy consumption data from up to 10 meters with toroid, item F520, or impulse counter interfaces, item 3522. The data can be displayed on the Touch Screen or visiting appropriate integrated web pages, provided that the device is connected to a LAN network through its Ethernet port. The device has a micro-SD housing for the backup of recorded data. Installation on DIN profiles - 1 module - 27 V power supply from the BUS.

Item	LOAD CONTROL AND MANAGEMENT	
<input type="checkbox"/> N4672N <input type="checkbox"/> NT4672N <input type="checkbox"/> L4672N		1 relay actuator - for single loads, 16 A resistive, 10 A for incandescent lamps, and 4 A for fluorescent lamps or ferromagnetic transformers - for load control Management and/or Automation functions. Forced load operation pushbutton - flush mounted version - 2 modules
<input type="checkbox"/> N4673 <input type="checkbox"/> NT4673 <input type="checkbox"/> L4673		panel for the display and the control of the loads connected to the actuators

ACCESSORIES		
<input type="radio"/> 3508BUS		plug-in clamp for BUS connection - width 3.81 mm
<input type="radio"/> 3508U2		2 pole plug-in clamp
<input type="radio"/> 3508U3		3 pole plug-in clamp






SYSTEM DIAGRAM FOR THE DISPLAY OF THE ENERGY PRODUCED AND CONSUMED, AND LOAD MANAGEMENT





MY HOME - BUS SCS


Sound system







Item	AUDIO/VIDEO MIXERS	
○ 346030		compact 2 wire power supply with integrated video adapter. For base sound systems with one installable sound source only - 2 DIN modules
○ 346031		as above 127 Va.c.
○ 346830		video adapter for base sound systems - only one sound source can be installed - 2 DIN modules
○ F441		audio/video node for audio source mixing (4 sources maximum) towards 4 outputs - 6 DIN modules - fitted with DIN rail depth compensator
○ F441M		multichannel matrix with cross connecting functions, switch mixing and shunting (switch mix and shunt) for the distribution of both stereo sound source signals and audio/video signals of the 2-wire intercom/video system - 8 inputs (the first 4 for the intercom/video 2 wire system, and the next 4 for stereo sound sources), and 8 outputs - 10 DIN modules - including DIN rail depth compensator

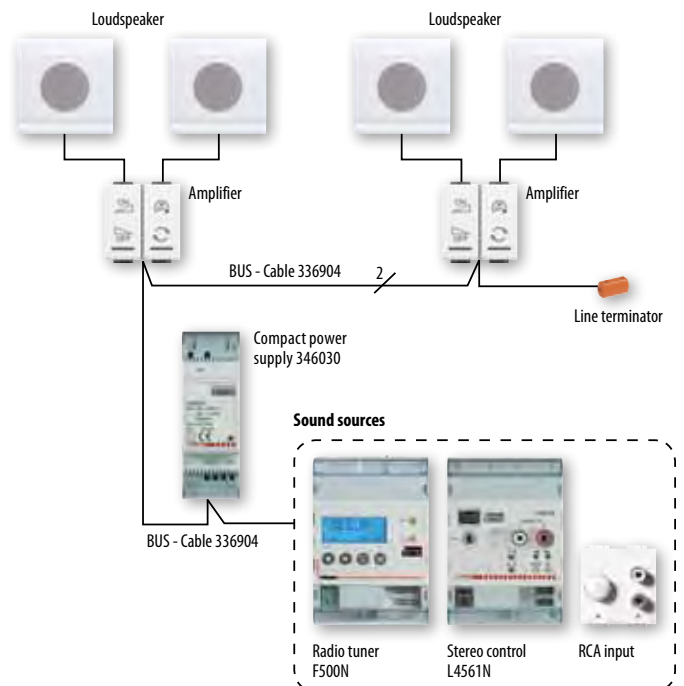
Item	KNOB CONTROLS	
□ N4563 ■ NT4563 ■ L4563		flush mounted knob operated device for ON/OFF, volume control, programmed radio station and CD track change - 2 modules

LOCAL DISPLAY	
□ N4891 ■ NT4891 ■ L4891	 1.2" OLED Touch Screen for the management of max 4 of the following functions: Sound system, Temperature control, Scenarios, Energy management and Load management - 2 modules - replace item L/N/NT4685

CONTROLS	
○ L4651M2	 special amplifier management control to be completed with key covers, for the management of ON/OFF functions, volume control, change of source and change of programmed radio station - 2 modules

SOUND SOURCES	
○ F500N	 FM radio tuner with RDS. Storage of up to 5 radio stations, display of RDS messages and tuned frequency. Possibility of using the built-in wire antenna, or an external antenna connected using a coaxial cable with MCX-F adapter (supplied). 4 DIN modules, DIN rail depth compensator included
□ N4560 ■ NT4560 ■ L4560	 flush mounted RCA input - to be used to control a stereo source - 2 modules
○ L4561N	 device for the control of stereo sound sources using the infrared remote control - programmed using the PC - possibility of managing the source from the amplifiers or the special controls - 4 DIN modules - including RCA/RCA cable and jack cable for the connection of the IR transmitter
○ 3495	 source insulator for the adaptation of an audio signal from external sound sources, to preserve the SELV characteristics of the BUS. To be used when the sound source is not powered by batteries. 4 female RCA terminals, split between "IN" (for the connection of the external sound source) and "OUT" (to be connected to the RCA input item L/N/NT4560)

BASIC STEREO SYSTEM DIAGRAM WITH ONE SOUND SOURCE



MY HOME - BUS SCS

Sound system



F503



F502



L4562



L4668BUS/35



336982



336984



336983



N4654N



N4565



3529



L4566



L4566/10



L4568



H4570



L4567



L4569



3499



346841



346851



346850

Item	AMPLIFIERS	
<input type="radio"/> L4562		flush mounted amplifier - to be completed with key covers - connection to BUS SCS system and stereo loudspeakers - functions: ON/OFF loudspeakers, volume control, source cycling function, and radio station or CD track change – 2 modules
<input type="radio"/> F502		stereo amplifier – terminal for system connection to the SCS BUS and the stereo speakers - power supply 100 - 240 Va.c. - 4 DIN modules
<input type="radio"/> F503		stereo amplifier for accurate reproduction of the sound signal, both from the SCS/BUS and, in alternative, from the AUX input (MP3 or CD player, etc.). Wide range of high and low tone adjustments available, 10 preset equalisation levels + 10 customisable levels, virtual surround, and more. Each parameter can be displayed on the OLED graphic display. All the adjustments are performed using the keys of the amplifier, or remotely using Touch Screen devices - 10 DIN modules

Item	FALSE CEILING LOUDSPEAKERS	
<input type="radio"/> L4566		8 Ω false ceiling 2-way loudspeaker, L = 240 mm - power 100 W - colour white
<input type="radio"/> L4566/10		8 Ω false ceiling and plasterboard loudspeaker, L = 100 mm - power 20 W - colour white
<input type="radio"/> L4568		8 Ω loudspeaker with the same size as a standard false ceiling panel (60x60 cm), for installation on false ceilings - 50 W power - colour white

CONNECTORS FOR INTERFACING THE BUS CABLE TO SOUND SYSTEM DEVICES		
<input type="checkbox"/> 336982		8-contact connector for the connection of items F500N, L4561N and 3465 to the BUS (connect PINS 5 and 6)
<input type="checkbox"/> 336984		
<input type="checkbox"/> 336983		

FLUSH MOUNTED LOUDSPEAKERS		
<input type="checkbox"/> N4565		16 Ω flush mounted loudspeaker for 506E and PB526 boxes - power 12 W
<input type="checkbox"/> NT4565		
<input type="checkbox"/> L4565		
<input type="radio"/> H4570		8 Ω flush mounted 2-way loudspeaker for 4 module MULTIBOX boxes item 16104 - power 100 W

LINE TERMINATOR		
<input type="radio"/> 3499		line terminator - to be installed on the audio/video node outputs

WALL MOUNTED LOUDSPEAKERS		
<input type="radio"/> L4567		8 Ω wall mounted 2-way slim line loudspeaker, D=37 mm - power 40 W - colour white
<input type="radio"/> L4569		8 Ω outdoor 2-way loudspeaker, IPx4, with adjustable inclination fixing brackets - power 140 W - colour black

INTEGRATION AND EXPANSION DEVICES		
<input type="radio"/> 346841		floor distribution block, to be used with the audio/video node, item F441 and the DIN rail amplifiers, item F502 and F503, for complete saturation of one audio/video node output
<input type="radio"/> 346851		system expansion module for the installation of extended systems, with up to 140 loudspeakers - 4 DIN modules
<input type="radio"/> 346850		apartment interface for connection to an independent building complex video door entry system riser integrated with MY HOME applications (Sound system, Automation, etc.) – 4 DIN modules

PATCH CORDS		
	Type	Length (cm)
<input type="radio"/> L4668BUS/35	BUS-BUS	35
<input type="radio"/> L4668BUS/60	BUS-BUS	60

ACTIVE INFRARED RECEIVERS		
<input type="checkbox"/> N4654N		remote control receiver for remote control - up to 16 activations or scenarios saved in the scenario module, item F420 - 2 modules
<input type="checkbox"/> NT4654N		
<input type="checkbox"/> L4654N		

REMOTE CONTROLS		
<input type="radio"/> 3529		receiver control device (up to 16 receivers within the same room) - possibility to select up to 16 transmission channels directly - powered by two 1.5 V AAA batteries

MY HOME - BUS SCS

Common devices and accessories



E46ADCN













E47ADCN
E47/12





335919

3559

Item	POWER SUPPLIES
○ E46ADCN	 power supply - input 230 Va.c., output 27 Vd.c. SELV - maximum consumption 450 mA – DIN rail mounted model - space requirement 8 DIN modules – for flush mounted or wall mounted switchboards
○ E46ADCN/127	as above 127 Va.c.
○ E47ADCN	 power supply as above 230 Va.c. - installation on DIN rail with 8 module space requirement for wall mounted boxes, item F115/8A - made for the connection of 12 V 7/12/24 Ah back-up battery
○ E47/12	 power supply - 8 DIN module version for wall mounted boxes, item F115/8 A - made for the connection of one 12 V 6.5 - 25 Ah battery for the powering of 12 V devices (IR barriers, etc.)
○ E49	 compact power supply for Temperature control and Automation systems - input 230 Va.c., output 27 Vd.c. - maximum power delivered 600 mA - 2 DIN modules
○ E49V127	as above 127 Va.c.
○ 346000	 power supply for Video door entry system and Sound system. Power supply: 230 Va.c. @ 50-60 Hz. Maximum power delivered 1.2 A. Electronically protected (without fuse) against short-circuit and overload. Double insulation SELV device - 8 DIN modules
○ 346001	as above 127 Va.c.
○ 346020	 2 DIN module compact additional power supply. For local supply of the video door entry entrance panels and handsets. Power supply: 230 Va.c. @ 50-60 Hz. Maximum power delivered 600 mA. Protected by integrated fuse (not replaceable). Double insulation SELV device
○ 346021	as above 127 Va.c.
○ 346030	 2 DIN module compact power supply for Video door entry system and Sound system. Maximum power delivered 600 mA. Protected by integrated fuse (not replaceable). Double insulation SELV device
○ 346031	as above 127 Va.c.

Item	VARIOUS ACCESSORIES
○ 3515	 spare plug-in clamps
○ 335919	 cable for the connection to the PC for the programming of the Automation, Burglar Alarm, Temperature Control and Sound System devices - for USB port
○ 3559	 cable as above - for USB port

Item	ADAPTERS
○ F80AL	 adapter for the installation of 2 LIVINGLIGHT modules on DIN 35 rail
○ F400A	 as above - 3 modules

For the selection of the power supply, based on the system being installed, refer to the following table

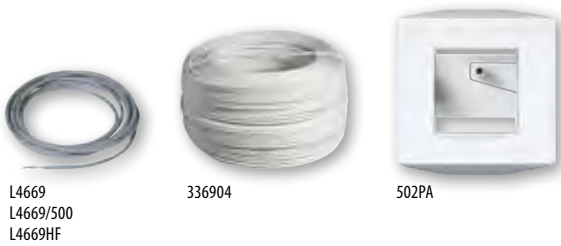
System	Power supply					
	E46ADCN	E47ADCN	E47/12	E49	346000	346020
Automation	●			●		
Burglar alarm	● (1)	● (2)	● (3)			
Energy management/Cons. display	●			●		
Temperature control	●			●		
Sound system					●	●
Video door entry system					●	●

NOTE (1): for systems with external siren 4072L
 (2): for systems with external siren 4072A or without siren
 (3): for sensors with 12 Vd.c. power supply (ex. IR barriers)

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

MY HOME - BUS SCS

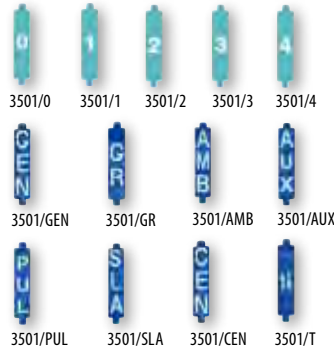
Common devices and accessories



L4669
L4669/500
L4669HF

336904

502PA



WALL MOUNTED BOXES FOR POWER SUPPLY AND BATTERY - BURGLAR-ALARM SYSTEM

Item		
○ F115/8A		DIN wall mounted enclosure for the installation of power supply item E47ADCN
○ F115/8B		enclosure for the 12 V 7 Ah battery, for the self-supply of the burglar-alarm system with power supply item E47ADCN – self-protection contact against opening attempts

WALL MOUNTED BOXES FOR MODULAR DEVICES

○ 502NPA		reduced depth wall mounted installation box - fitted with anti-tamper device – 2 modules – complete with support
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ANGULAR BOX

○ 502PA		surface mounted box for angular installation - fitted with antitamper device - 2 modules - complete with frame and white cover plate (LB)
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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 - coil length 500 metres
○ L4669HF		as above - low toxicity cable without halogens - ideal for application in environments where fire hazard safety is critical - maximum length 200 m (1)
○ L4669S		double sheathed SCS made up of 2 flexible wires with unshielded plaited sheath for burglar-alarm system - insulation 300/500 V - complies with standards CEI 46-5 and CEI 20-20 - coil length 100 metres
○ 336904		specific cable with 2 twisted conductors. It can be installed in underground piping, in accordance with CEI 20-13 and CEI 20-14 standards. It ensures the best performance in video systems (higher distance between EP and Handset when compared with other cables). Coil length 200 metres

System	Cable		
	L4669 L4669/500 L4669HF	L4669S	336904
Automation	●		● (2)
Burglar alarm		●	● (2)
Energy management/Cons. display	●		● (2)
Temperature control	●		● (2)
Sound system			●
Video door entry system			●

NOTA (1): for availability contact your local BTicino sales representative
(2): for systems with underground cable lines

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

VIRTUAL CONFIGURATION KIT

Item		
○ 3504		kit for the configuration of the Automation system using a PC and the VIRTUAL CONFIGURATOR software, supplied as standard on CD, and Secure Digit (SD) memory card

CONFIGURATORS – SINGLE-TYPE PACKAGE OF 10 PIECES

○ 3501/0	configurator 0
○ 3501/1	configurator 1
○ 3501/2	configurator 2
○ 3501/3	configurator 3
○ 3501/4	configurator 4
○ 3501/5	configurator 5
○ 3501/6	configurator 6
○ 3501/7	configurator 7
○ 3501/8	configurator 8
○ 3501/9	configurator 9
○ 3501/GEN	configuratore GEN
○ 3501/GR	configurator GR
○ 3501/AMB	configurator AMB
○ 3501/AUX	configurator AUX
○ 3501/ON	configurator ON
○ 3501/OFF	configurator OFF
○ 3501/OI	configurator OI

CONFIGURATORS – SINGLE-TYPE PACKAGE OF 10 PIECES

○ 3501/PUL	configurator PUL
○ 3501/SLA	configurator SLA
○ 3501/CEN	configurator CEN
○ 3501/T	configurator ↑↓
○ 3501/TM	configurator ↑↓M

CONFIGURATOR KIT

○ 3501K		kit of configurators from 0 to 9
○ 3501K/1		kit of configurators AUX, GEN, GR, AMB, ON, OFF, O/I, PUL, SLA, CEN, ↑↓, ↑↓ M

MY HOME - BUS SCS

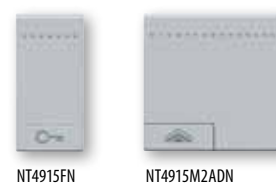
Key covers for MY HOME controls

1 FUNCTION KEY COVERS

Description		NEUTRAL LIGHTABLE KEY COVERS	
		1 module	2 modules
		Item	Item
NEUTRAL KEY COVER WITH LIGHTABLE BOTTOM SECTION	<input type="checkbox"/>	NT4915N	NT4915M2N
	<input type="checkbox"/>	L4915N	L4915M2N
HIGH BRIGHTNESS COVER	<input type="checkbox"/>	N4915LN	N4915M2LN



Description		KEY COVERS WITH DIFFUSER AND LIGHTABLE SYMBOL	
		1 module	2 modules
		Item	Item
KEY COVER WITH LIGHT SYMBOL	<input type="checkbox"/>	N4915AN	N4915M2AN
	<input type="checkbox"/>	NT4915AN	NT4915M2AN
	<input type="checkbox"/>	L4915AN	L4915M2AN
KEY COVER WITH STAIRCASE LIGHT SYMBOL	<input type="checkbox"/>	N4915BN	N4915M2BN
	<input type="checkbox"/>	NT4915BN	NT4915M2BN
	<input type="checkbox"/>	L4915BN	L4915M2BN
KEY COVER WITH BELL SYMBOL	<input type="checkbox"/>	N4915DN	N4915M2DN
	<input type="checkbox"/>	NT4915DN	NT4915M2DN
	<input type="checkbox"/>	L4915DN	L4915M2DN
KEY COVER WITH KEY SYMBOL	<input type="checkbox"/>	N4915FN	N4915M2FN
	<input type="checkbox"/>	NT4915FN	NT4915M2FN
	<input type="checkbox"/>	L4915FN	L4915M2FN
KEY COVER WITH DIMMER SYMBOL	<input type="checkbox"/>		N4915M2ADN
	<input type="checkbox"/>		NT4915M2ADN
	<input type="checkbox"/>		L4915M2ADN
KEY COVER WITH "DO NOT DISTURB" SYMBOL	<input type="checkbox"/>	N4915DD	
	<input type="checkbox"/>	NT4915DD	
	<input type="checkbox"/>	L4915DD	
KEY COVER WITH "REARRANGE THE ROOM" SYMBOL	<input type="checkbox"/>	N4915MR	
	<input type="checkbox"/>	NT4915MR	
	<input type="checkbox"/>	L4915MR	



MY HOME - BUS SCS

Key covers for MY HOME controls

2 FUNCTION KEY COVERS

		NEUTRAL LIGHTABLE KEY COVERS	
		1 module	2 modules
Description		Item	Item
NEUTRAL KEY COVER WITH LIGHTABLE TOP AND BOTTOM SECTION	<input type="checkbox"/>	N4911N	N4911M2N
	<input type="checkbox"/>	NT4911N	NT4911M2N
	<input type="checkbox"/>	L4911N	L4911M2N



		KEY COVERS WITH 2 DIFFUSERS AND LIGHTABLE SYMBOLS	
		1 module	2 modules
Description		Item	Item
KEY COVER WITH LIGHT ON-OFF SYMBOL AND "GEN" SCREEN PRINTING	<input type="checkbox"/>	N4911AFN	N4911M2AFN
	<input type="checkbox"/>	NT4911AFN	NT4911M2AFN
	<input type="checkbox"/>	L4911AFN	L4911M2AFN
KEY COVER WITH ON OFF SYMBOLS	<input type="checkbox"/>	N4911AGN	N4911M2AGN
	<input type="checkbox"/>	NT4911AGN	NT4911M2AGN
	<input type="checkbox"/>	L4911AGN	L4911M2AGN
KEY COVER WITH UP DOWN SYMBOLS	<input type="checkbox"/>	N4911AHN	N4911M2AHN
	<input type="checkbox"/>	NT4911AHN	NT4911M2AHN
	<input type="checkbox"/>	L4911AHN	L4911M2AHN
KEY COVER WITH SYMBOLS + TOP AND - BOTTOM	<input type="checkbox"/>	N4911ADN	
	<input type="checkbox"/>	NT4911ADN	
	<input type="checkbox"/>	L4911ADN	
KEY COVER WITH SYMBOLS ADJUSTMENT OFF ADJUSTMENT ON	<input type="checkbox"/>	N4911AIN	N4911M2AIN
	<input type="checkbox"/>	NT4911AIN	NT4911M2AIN
	<input type="checkbox"/>	L4911AIN	L4911M2AIN
KEY COVER WITH CHANGE SOURCE AND CHANGE TRACK SYMBOLS	<input type="checkbox"/>	N4911BFN	
	<input type="checkbox"/>	NT4911BFN	
	<input type="checkbox"/>	L4911BFN	



MY HOME - BUS SCS

Key covers for MY HOME controls

KEY COVERS THAT CAN BE CUSTOMISED WITH DIFFUSERS, AVAILABLE IN KIT

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

1 FUNCTION



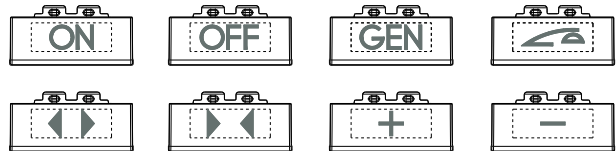
can be customised with 1 diffuser

2 FUNCTIONS



can be customised with 2 diffusers

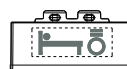
Description	KIT OF DIFFUSERS	
	Item	Item
KIT COMPOSITION AS SHOWN ON THE SIDE (5 DIFFUSERS EACH TYPE)	<input type="checkbox"/>	N4915KIT
	<input type="checkbox"/>	NT4915KIT
	<input type="checkbox"/>	L4915KIT



Description	KIT OF DIFFUSERS	
	Item	Item
KIT COMPOSITION AS SHOWN ON THE SIDE (5 DIFFUSERS EACH TYPE)	<input type="checkbox"/>	N4915KIT1
	<input type="checkbox"/>	NT4915KIT1
	<input type="checkbox"/>	L4915KIT1

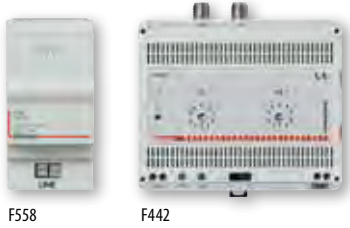


Description	KIT OF DIFFUSERS	
	Item	Item
KIT WITH DIFFUSER SHOWN ON THE SIDE (50 DIFFUSERS)	<input type="checkbox"/>	N4915SETBL
	<input type="checkbox"/>	NT4915SETBL
	<input type="checkbox"/>	L4915SETBL



MY HOME

Home structured cabling




F558 F442





L4665L20 NT4279C6A NT4202D NT4210D

Item DIGITAL SIGNAL DEVICES


F551  10/100 Mbs switch - 5 ports for the distribution of 1 LAN line to 4 lines. Several switches can be added to setup more lines - 4 DIN modules


TELEPHONE SIGNAL DEVICES

F558  xDSL filter with 3 way telephone distribution frame for the separation of the ADSL data line from the telephone line. Possibility of connection to an 8 output telephone distribution frame, item F555, to increase the number of lines - 2 DIN modules


F555  8 output telephone distribution frame to distribute 1 telephone line to 8 different sockets, or 2 telephone lines to 4 sockets. Possibility of connection to several distribution frames to increase the number of lines - 4 DIN modules


TELEVISION SIGNAL DEVICES


F442  modulation device for the display of the 2 wire video door entry system entrance panel call directly on the TV set. Installation in conjunction with the TV/SAT item F553 distribution frame. 10-35 Vd.c. power supply. Presetting of an antenna F type input connector and an output (F type) for the television, and a 2 clamp connector for the 2 wire BUS - 6 DIN modules


F553  universal TV/SAT distribution frame (5-2400 MHz) for the distribution of the signal to 6 separate TV sockets. F type connection clamps - 4 DIN modules

ACCESSORIES

F550C6  cat. 6 module for the patching of the wiring inside the star centre cabinet. Reversible connectors for the connection of cables to the user sockets from the top or from the floor - 1 DIN module


F552  9 V 1.6 A power supply for the power supply to the switch, item F551 - 1.5 DIN modules

L4665L20  FLAT type patch cord with RJ45 connectors - category 6 - PVC cable sheath - with built in SNAGGLE - in accordance with EN 50173-1 and EIA/TIA 568 A/B standards - length 20 cm

L4665L40  patch cord as above - length 40 cm


L4664  telephone cable, with RJ45 and RJ11 connectors, for the connection of telephone devices with RJ11 connector to devices with RJ45 connector - length 200 cm

Item CAT. 6 CABLES


 category 6 U/UTP unshielded cable with 24 AWG (0.51) solid copper conductors, with polyolefin insulation, 4 pair of twisted conductors with internal partition - performance 500 MHz - in accordance with ISO/IEC 11801 and 2.0, EN 50173-1 and EIA/TIA 568 B2.10 standards - blue

	Cable sheath	Length	Packaging
<input type="radio"/> 32754	LSZH	305 m	coil
<input type="radio"/> 32871	LSZH	1000 m	coil
<input type="radio"/> 32872	PVC	1000 m	coil


RJ45 CONNECTORS

N4279C6A
 NT4279C6A
 L4279C6A  RJ45 connectors fitted with metal screen, identification plate, and dust cover - 1 module


TELEVISION SIGNAL CONNECTOR

N4202D
 NT4202D
 L4202D  direct (shunted) coaxial socket for single-user antenna systems, including remotely powered and centralised systems, and single use and centralised satellite systems with feed-through current and signal for channel selection - shielded connection clamps with captive screws - diam. 9.5 mm - male connector - 1 module


TV CONNECTOR F TYPE

N4269F
 NT4269F
 L4269F  TV coaxial connector F type - impedance 75 Ohm - screw connection - 1 module

TV + RD + SAT CONNECTOR

N4210D
 NT4210D
 L4210D  direct (shunted) coaxial socket for single-user TV antenna systems, including remotely powered and centralised shunted systems, and single use and centralised shunted satellite systems with feed-through current and signal for channel selection, and radio systems - male 9.5 mm diam. TV connector - 9.5 mm diam. female radio and SAT connector - for installation inside rectangular box, item 503E, item 504E, item 506L- 2 modules

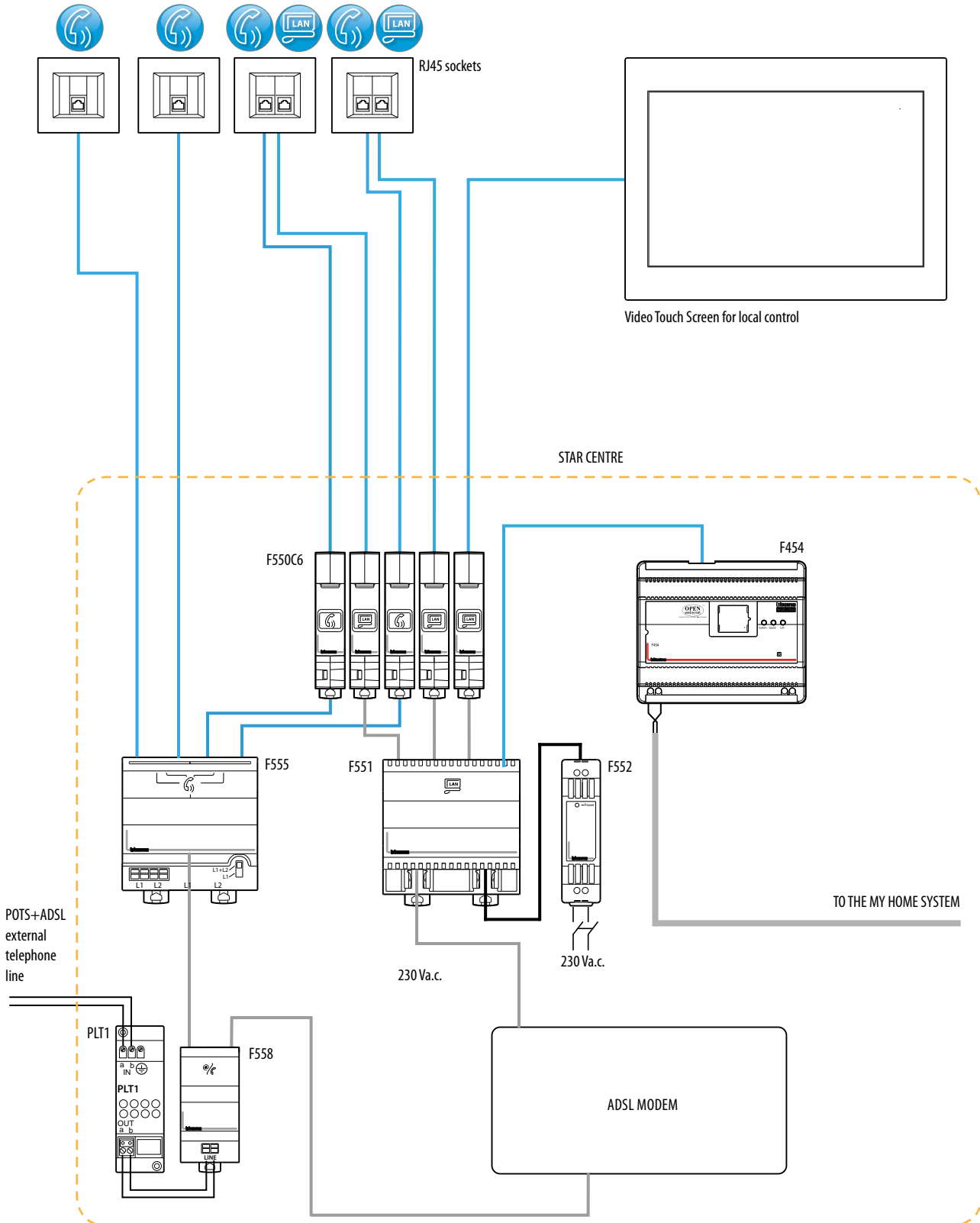
DEMIXED TV+SAT CONNECTOR

N4214D
 NT4214D
 L4214D  demixed direct (shunted) coaxial socket for single-user HS4214D TV antenna systems, including remotely powered and centralised shunted systems, single use and centralised shunted satellite systems with feed-through current and signal for channel selection - male 9.5 mm diam. TV connector - SAT connector F type- 1 module

MY HOME

Home structured cabling

INTEGRATION OF THE TELEPHONE AND DATA NETWORK WITH THE MY HOME SYSTEM FOR LOCAL OR REMOTE FUNCTION CONTROL





CONTENTS



VIDEO DOOR ENTRY SYSTEM AND
VIDEO SURVEILLANCE SYSTEM
CATALOGUE

Video Display _____	102
Cameras _____	102

VIDEO DOOR ENTRY SYSTEM AND VIDEO SURVEILLANCE SYSTEM

Video display and cameras



344400



344413



344411



344412






391658





391659

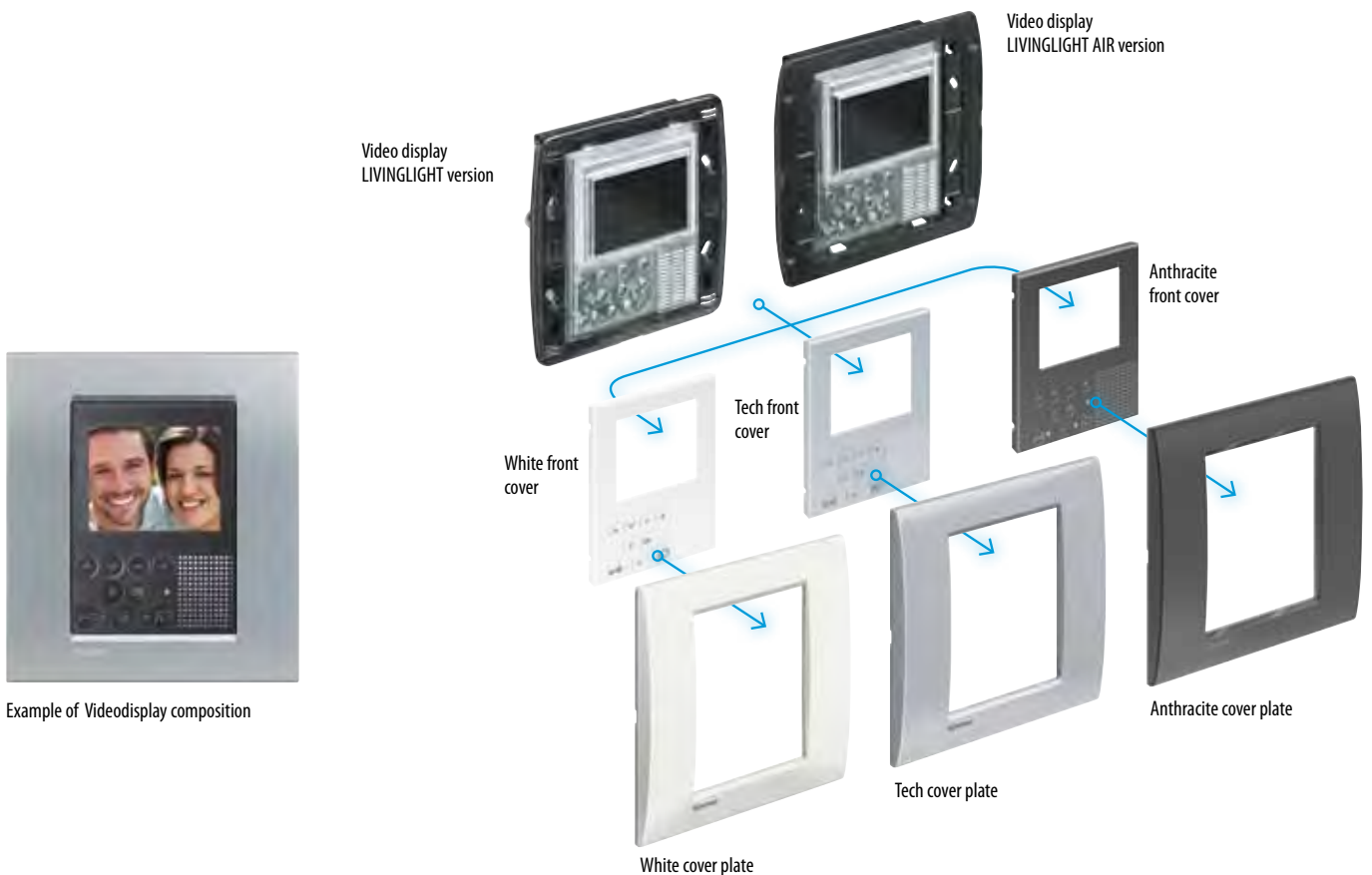


391647

Item	VIDEO DISPLAY
○ 344400	 <p>2 wire handsfree video handset for flush mounted installation. With 2.5" colour LCD display with PC customisable OSD navigation icon menu for the management of the following MY HOME applications: video door entry system, temperature control, sound system, automation (scenarios), and burglar alarm. Keys available: navigation, auto-switch on, door lock release, and handsfree connection LED signalling for: bell exclusion, door status and connection. Firmware update/programming USB port. Suitable for flush mounted installation using item 506E boxes. To be completed with the front covers and front cover plates. It can be configured using physical configurators, or using the programming and configuration software supplied as above - for installation with «AIR» cover plates</p>
○ 344401	 <p>front cover</p>
<input type="checkbox"/> 344413 <input type="checkbox"/> 344411 <input type="checkbox"/> 344412	 <p>front cover</p>

Item	2 WIRE INDOOR CAMERAS
<input type="checkbox"/> 391658 <input type="checkbox"/> 391659 <input type="checkbox"/> 391657	 <p>flush mounted colour camera. 3.7 mm fixed optics, 1/3" CCD, 380 horizontal lines resolution. With microphone. The device must be configured by connecting physical configurators - 2 modules</p>

Item	COAX INDOOR CAMERAS
<input type="checkbox"/> 391648 <input type="checkbox"/> 391649 <input type="checkbox"/> 391647	 <p>camera as above - with video signal output in coaxial cable - power supply 12 Vd.c. - 120 mA (max)</p>





CONTENTS



HOTEL OFFER RANGE CATALOGUE

Badge-holder pockets _____	104
Off-door signalling _____	104
Key covers and diffusers _____	104
Shaver socket _____	104
Cord pushbutton _____	104

NOTE: the new codes are shown in the catalogue in orange (ex. LN4549).

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



NT4915TN



N4915SETBL



NT4915DD



NT4915MR





N4373H





NT4547






N4033



Item	BADGE-HOLDER POCKET
<input type="radio"/> LN4549	 badge holder pocket 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
<input type="radio"/> LN4548	 badge holder pocket 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



Item	MY HOME SYSTEM BADGE-HOLDER POCKETS
<input type="radio"/> LN4649	 badge holder pockets for the power supply inside the hotel room - slot light with built-in lamp - 30 second switch-off delay - SCS BUS connection - 2 modules - to be completed with front cover in the desired look
<input type="radio"/> LN4648	 badge holder pockets for the power supply inside the hotel room with RFID technology recognition - slot light with built-in lamp - 30 second switch-off delay - SCS BUS connection - 2 modules - to be completed with front cover in the desired look


Item	FRONT COVERS FOR BADGE-HOLDER POCKETS
<input type="checkbox"/> N4547 <input type="checkbox"/> NT4547 <input type="checkbox"/> L4547	 front cover for traditional or My Home badge-holder pocket - the installation is compatible with 2 module boxes only

Item	KEY COVERS WITH SYMBOLS
<input type="checkbox"/> N4915DD <input type="checkbox"/> NT4915DD <input type="checkbox"/> L4915DD	 key cover for rocker control devices with «do not disturb» symbol
<input type="checkbox"/> N4915MR <input type="checkbox"/> NT4915MR <input type="checkbox"/> L4915MR	 key cover for rocker control devices with «make-up the room» symbol

Item	LAMPHOLDER FOR OFF-DOOR SIGNALLING
<input type="checkbox"/> N4373H <input type="checkbox"/> NT4373H <input type="checkbox"/> L4373H	 off-door lampholder with double optical signalling: do not disturb and make-up the room – use 2 LEDs item LN4742V12T (12 V)

Item	KEY COVER THAT CAN BE CUSTOMISED AND KIT OF DIFFUSERS
<input type="checkbox"/> N4915TN <input type="checkbox"/> NT4915TN <input type="checkbox"/> L4915TN	 key cover for rocker control devices that can be customised with lightable diffuser
<input type="checkbox"/> N4915SETBL <input type="checkbox"/> NT4915SETBL <input type="checkbox"/> L4915SETBL	 kit of 50 lightable diffusers with bed light symbol

Item	SHAVER SOCKETS
<input type="checkbox"/> N4177 <input type="checkbox"/> NT4177 <input type="checkbox"/> L4177	 shaver socket with insulation transformer - input voltage 230 Va.c. @ 50/60 Hz - output voltage 115/230 Va.c. 20 VA
<input type="checkbox"/> N4177/127 <input type="checkbox"/> NT4177 /127 <input type="checkbox"/> L4177/127	 shaver socket - as above 127 V

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



CONTENTS



INSTALLATION AND COVER PLATES COLOUR RANGE CATALOGUE

2 module area installation system - square and round cover plates	__ 106
3 module area installation system - AIR cover plates	_____ 116
3 module area installation system - square and round cover plates	__ 118

NOTE: the new codes are shown in the catalogue in orange (ex. LNC4803RM).

2 MODULE AREA INSTALLATION SYSTEM

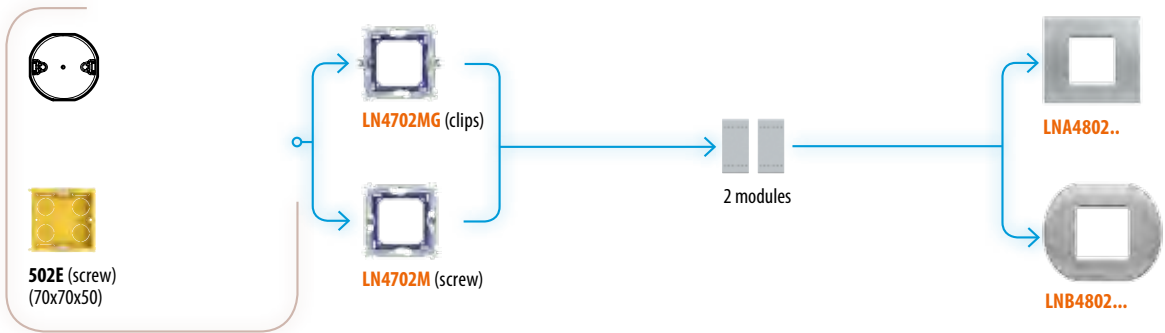
Square and round cover plates

Boxes

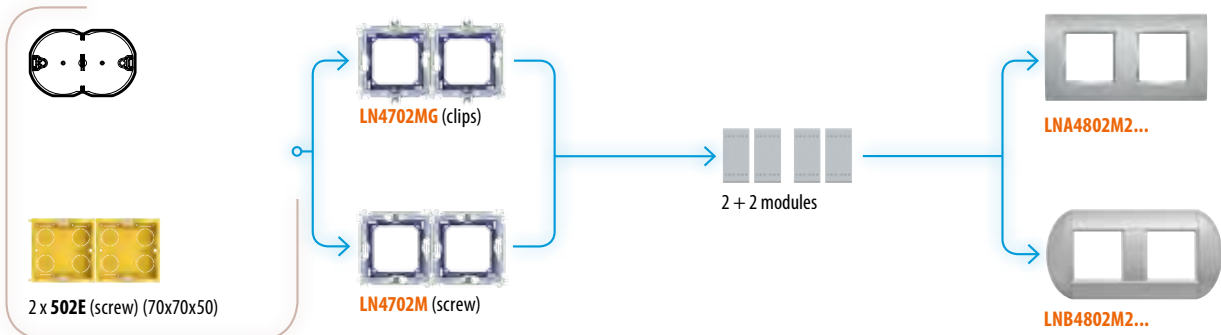
Supports

No. of modules

Cover plates



HORIZONTAL INSTALLATION CENTRE DISTANCE 71 mm



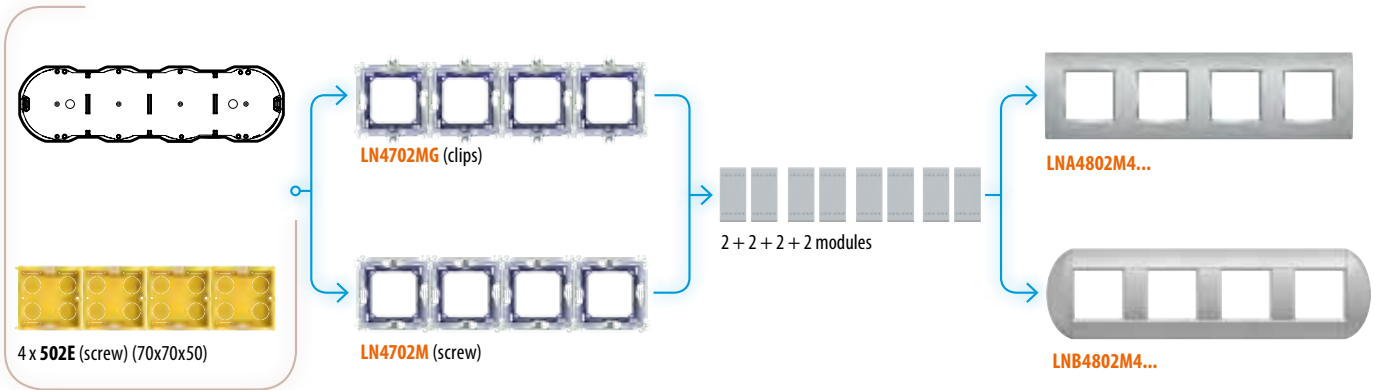
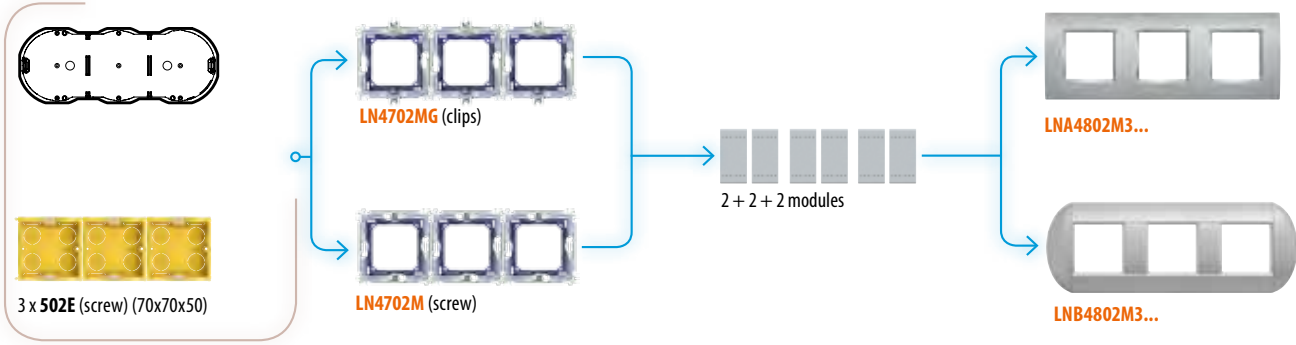
Boxes

Supports

No. of modules

Cover plates

**HORIZONTAL INSTALLATION
CENTRE DISTANCE 71 mm**



2 MODULE AREA INSTALLATION SYSTEM

Square and round cover plates

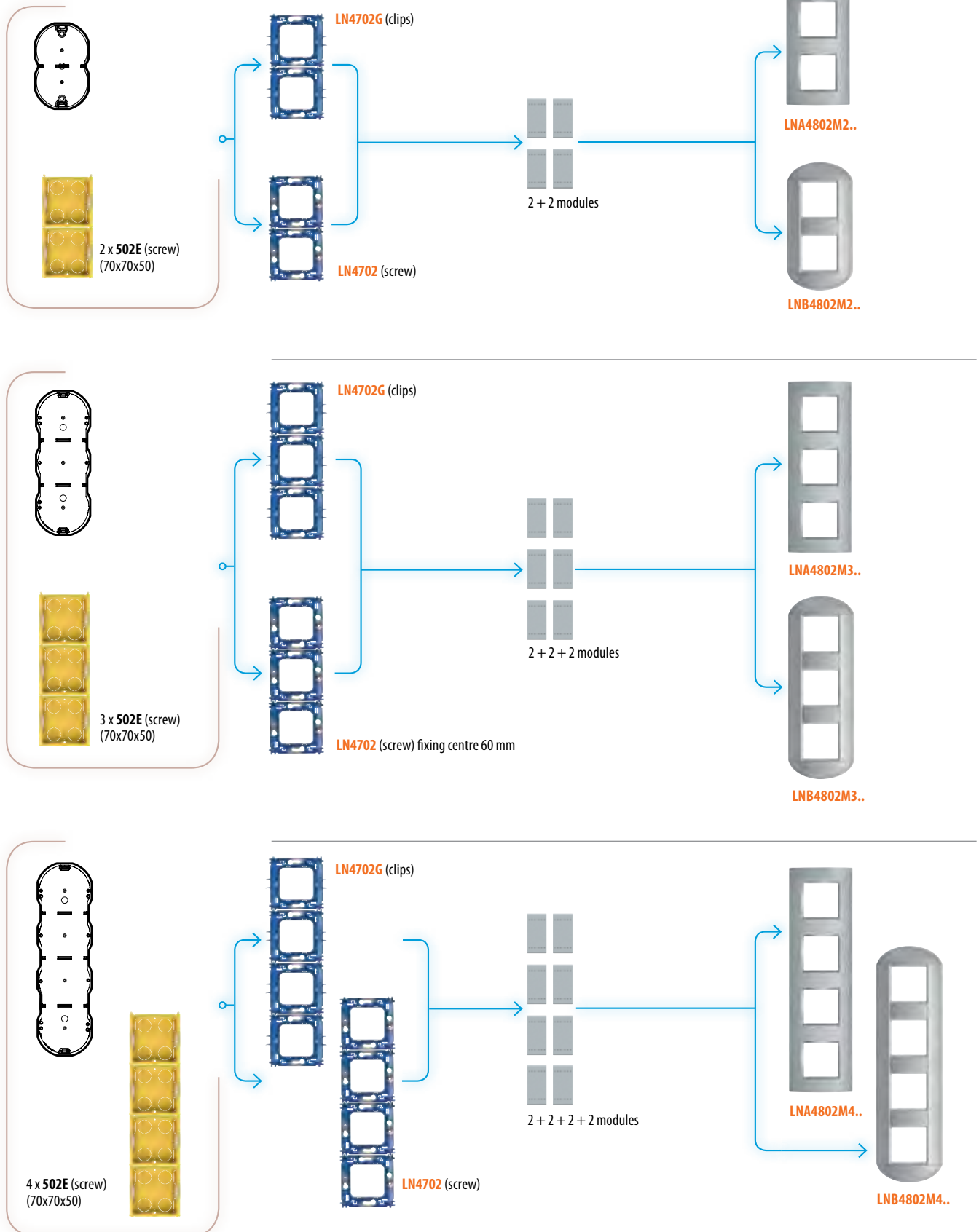
Boxes

Supports

No. of modules

Cover plates

VERTICAL INSTALLATION
CENTRE DISTANCE 71 mm



2 MODULE BELGIAN INSTALLATION SYSTEM

Square and round cover plates

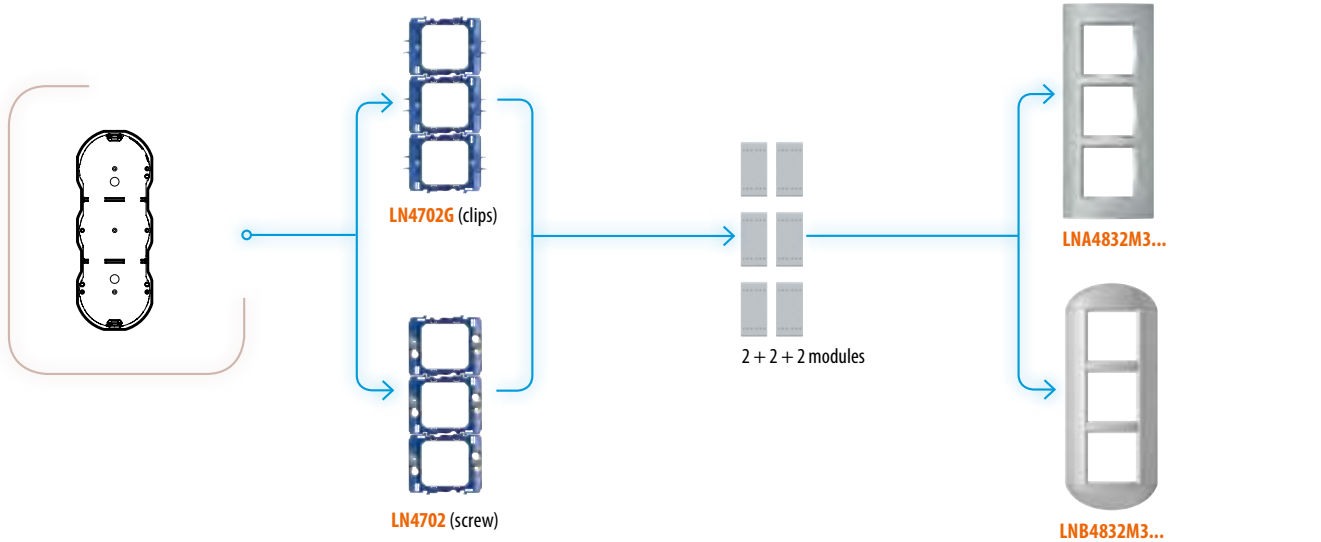
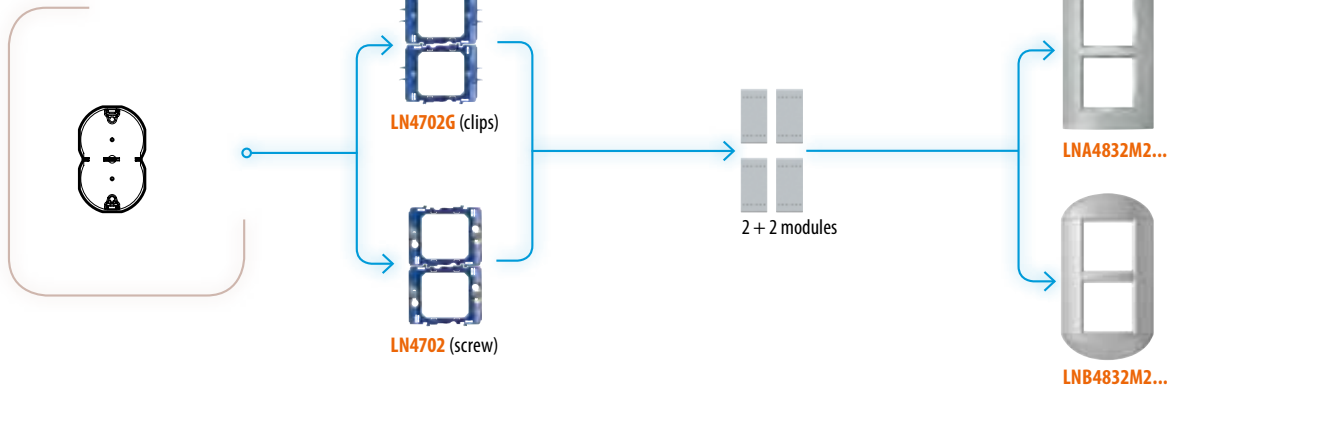
Boxes

VERTICAL INSTALLATION
CENTRE DISTANCE 57 mm

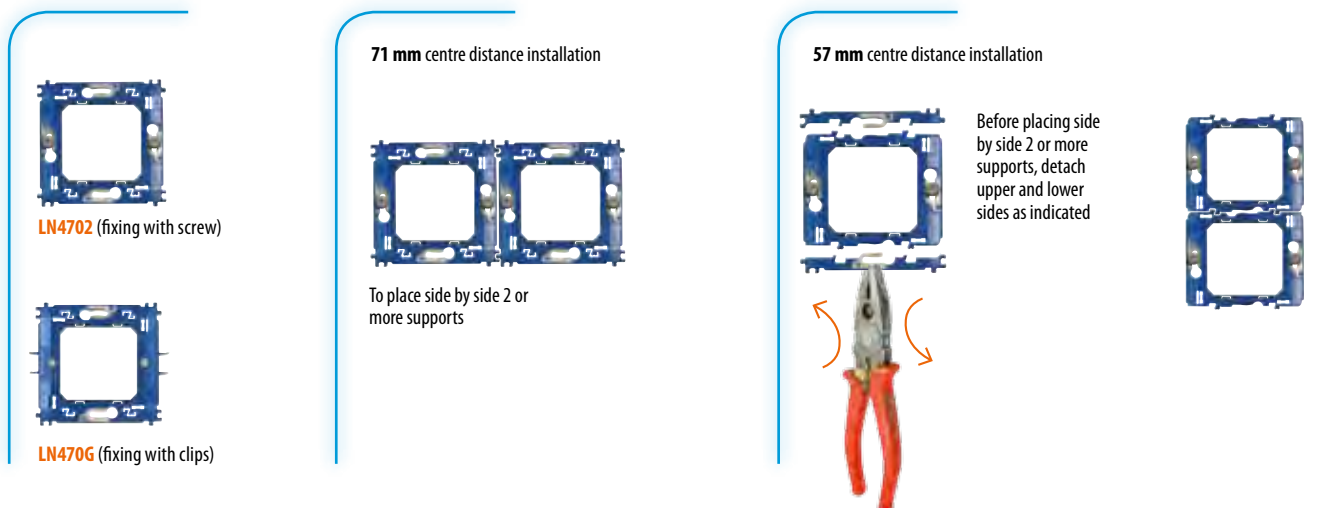
Supports

No. of modules

Cover plates














INSTALLATION OF LN4702 AND LN4702G SUPPORTS



2 MODULE AREA INSTALLATION SYSTEM

Square cover plate colours

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

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...](#)



2 MODULE AREA INSTALLATION SYSTEM

Round cover plate colours

METALS

Material: zamak



Gold - OC



Dark steel - AC



Titanium - TC



Chrome - CR

NATURALIA

Material: zamak



Graphite - GF



Marrakech - MA



Cordoba - CO



Siena - SI

ROUND COVER PLATE CODES

2 modules - [LNB4802...](#)

2+2 modules - centre distance 71 mm - [LNB4802M2...](#)

2+2+2 modules - centre distance 71 mm - [LNB4802M3...](#)

2+2+2+2 modules - centre distance 71 mm - [LNB4802M4...](#)

2+2 modules - centre distance 57 mm - [LNB4832M2...](#)

2+2+2 modules - centre distance 57 mm - [LNB4832M3...](#)

GLOSSY

Material: zamak



Grape - GP



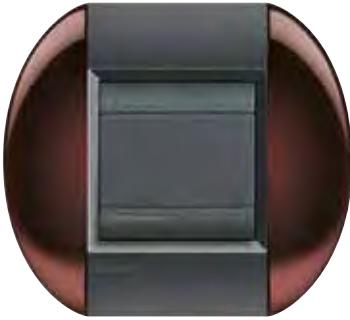
Citron - CT



Sunset - SS

TWIN

Material: polymer plastic



Brown - TW



Sky - TS



Bronze - TB

CLASSY

Material: polymer plastic



Smoking - SM



Colonial - CL



Tight - TG

NEUTRAL

Material: polymer plastic



Anthracite - AR



White - BI



Tech - TE

ESSENCES

Material: solid wood



Cherrywood - LCA



Maple - LAE



Oak - LRW

CUSTOMISED COVER PLATES

Factory customisation



On request of the customer, LIVING LIGHT cover plates may be supplied with customised graphics. Each mark may consist of one or two colours. The requests, minimum quantity 20 pieces, must be forwarded through the electric material distributor.

2 MODULE AREA INSTALLATION SYSTEM
























Square cover plates: 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
	Nickel	LNA4802NS	LNA4802M2NS	LNA4802M3NS	LNA4802M4NS	LNA4832M2NS	LNA4832M3NS
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)

2 MODULE AREA INSTALLATION SYSTEM

Round cover plates: 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)							
	Gold	LNB48020C	LNB4802M20C	LNB4802M30C	LNB4802M40C	LNB4832M20C	LNB4832M30C
	Dark steel	LNB4802AC	LNB4802M2AC	LNB4802M3AC	LNB4802M4AC	LNB4832M2AC	LNB4832M3AC
	Titanium	LNB4802TC	LNB4802M2TC	LNB4802M3TC	LNB4802M4TC	LNB4832M2TC	LNB4832M3TC
	Chrome	LNB4802CR	LNB4802M2CR	LNB4802M3CR	LNB4802M4CR	LNB4832M2CR	LNB4832M3CR
NATURALIA (zamak)							
	Graphite	LNB4802GF	LNB4802M2GF	LNB4802M3GF	LNB4802M4GF	LNB4832M2GF	LNB4832M3GF
	Marrakech	LNB4802MA	LNB4802M2MA	LNB4802M3MA	LNB4802M4MA	LNB4832M2MA	LNB4832M3MA
	Cordoba	LNB4802CO	LNB4802M2CO	LNB4802M3CO	LNB4802M4CO	LNB4832M2CO	LNB4832M3CO
	Siena	LNB4802SI	LNB4802M2SI	LNB4802M3SI	LNB4802M4SI	LNB4832M2SI	LNB4832M3SI
GLOSSY (zamak)							
	Grape	LNB4802GP	LNB4802M2GP	LNB4802M3GP	LNB4802M4GP	LNB4832M2GP	LNB4832M3GP
	Citron	LNB4802CT	LNB4802M2CT	LNB4802M3CT	LNB4802M4CT	LNB4832M2CT	LNB4832M3CT
	Sunset	LNB4802SS	LNB4802M2SS	LNB4802M3SS	LNB4802M4SS	LNB4832M2SS	LNB4832M3SS
TWIN (polymer plastic)							
	Brown	LNB4802TW	LNB4802M2TW	LNB4802M3TW	LNB4802M4TW	LNB4832M2TW	LNB4832M3TW
	Sky	LNB4802TS	LNB4802M2TS	LNB4802M3TS	LNB4802M4TS	LNB4832M2TS	LNB4832M3TS
	Bronze	LNB4802TB	LNB4802M2TB	LNB4802M3TB	LNB4802M4TB	LNB4832M2TB	LNB4832M3TB
CLASSY (polymer plastic)							
	Smoking	LNB4802SM	LNB4802M2SM	LNB4802M3SM	LNB4802M4SM	LNB4832M2SM	LNB4832M3SM
	Colonial	LNB4802CL	LNB4802M2CL	LNB4802M3CL	LNB4802M4CL	LNB4832M2CL	LNB4832M3CL
	Tight	LNB4802TG	LNB4802M2TG	LNB4802M3TG	LNB4802M4TG	LNB4832M2TG	LNB4832M3TG
NEUTRAL (polymer plastic)							
	Anthracite	LNB4802AR	LNB4802M2AR	LNB4802M3AR	LNB4802M4AR	LNB4832M2AR	LNB4832M3AR
	White	LNB4802BI	LNB4802M2BI	LNB4802M3BI	LNB4802M4BI	LNB4832M2BI	LNB4832M3BI
	Tech	LNB4802TE	LNB4802M2TE	LNB4802M3TE	LNB4802M4TE	LNB4832M2TE	LNB4832M3TE
WOOD							
	Cherrywood	LNB4802LCA	LNB4802M2LCA	LNB4802M3LCA	LNB4802M4LCA	LNB4832M2LCA	LNB4832M3LCA
	Maple	LNB4802LAE	LNB4802M2LAE	LNB4802M3LAE	LNB4802M4LAE	LNB4832M2LAE	LNB4832M3LAE
	Oak	LNB4802LRW	LNB4802M2LRW	LNB4802M3LRW	LNB4802M4LRW	LNB4832M2LRW	LNB4832M3LRW

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)

3 MODULE AREA INSTALLATION SYSTEM

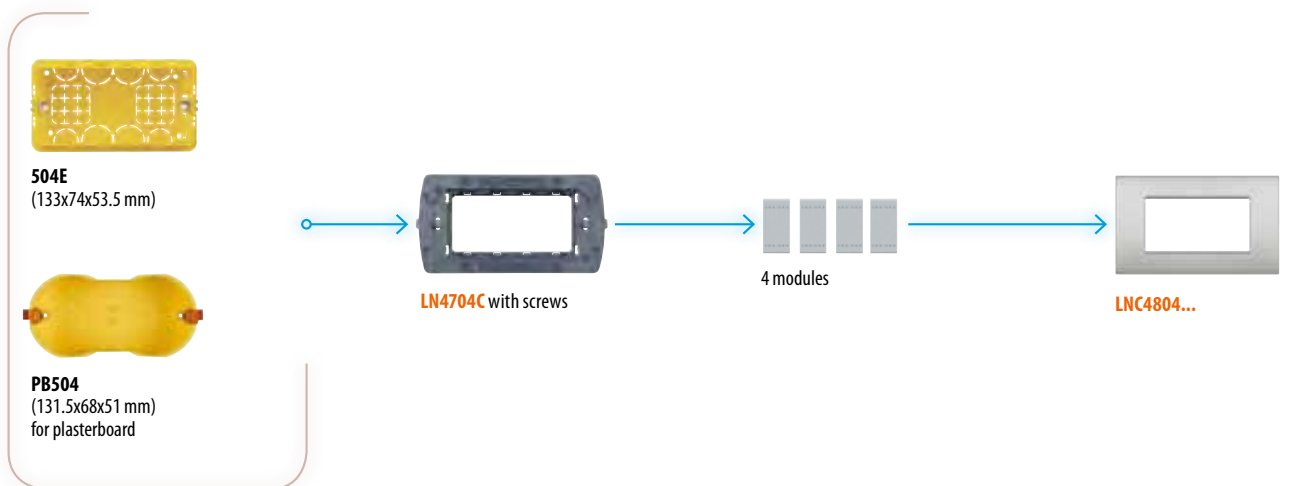
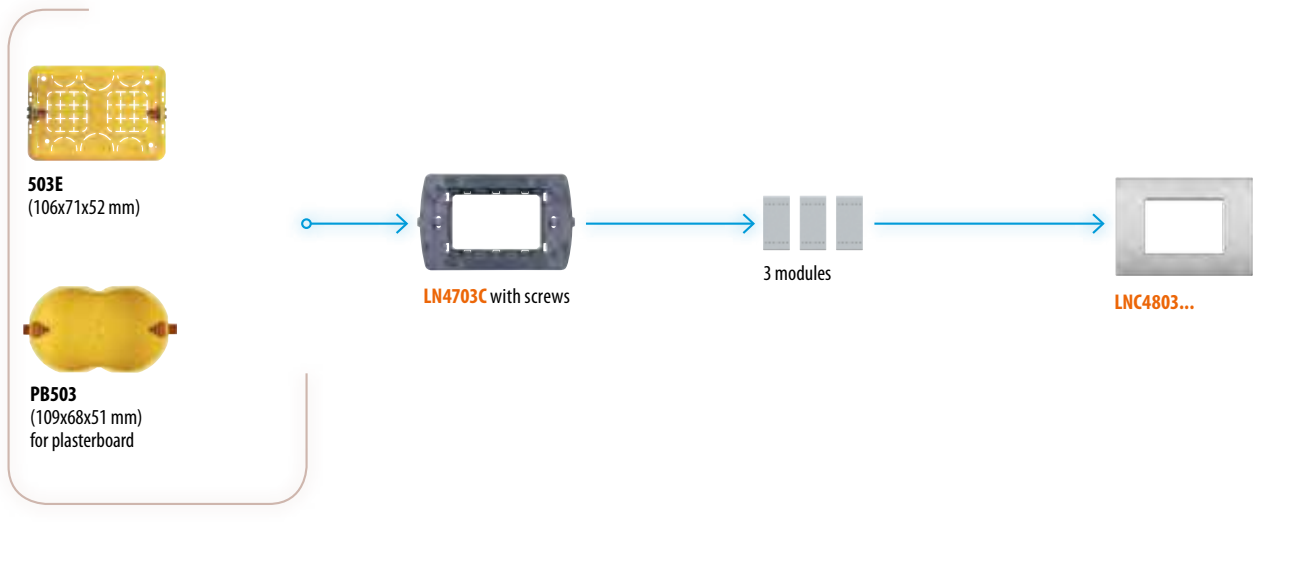
LIVING-LIGHT^{AIR} cover plate installation

Boxes

Supports

No. of modules

AIR cover plates



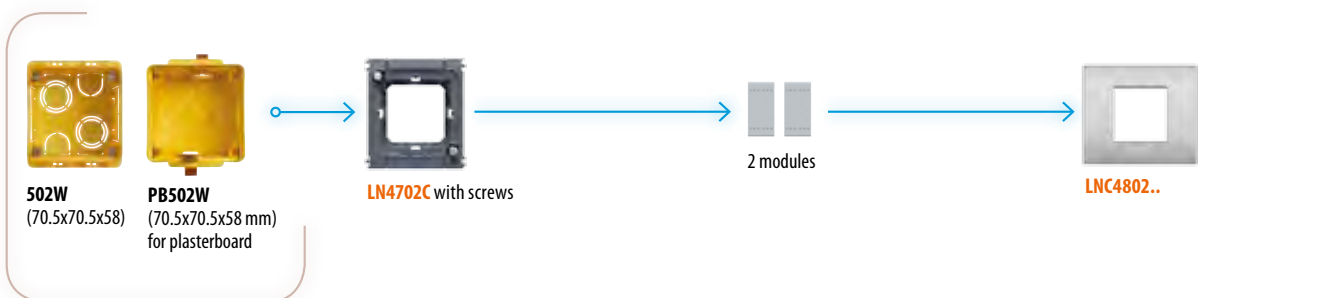
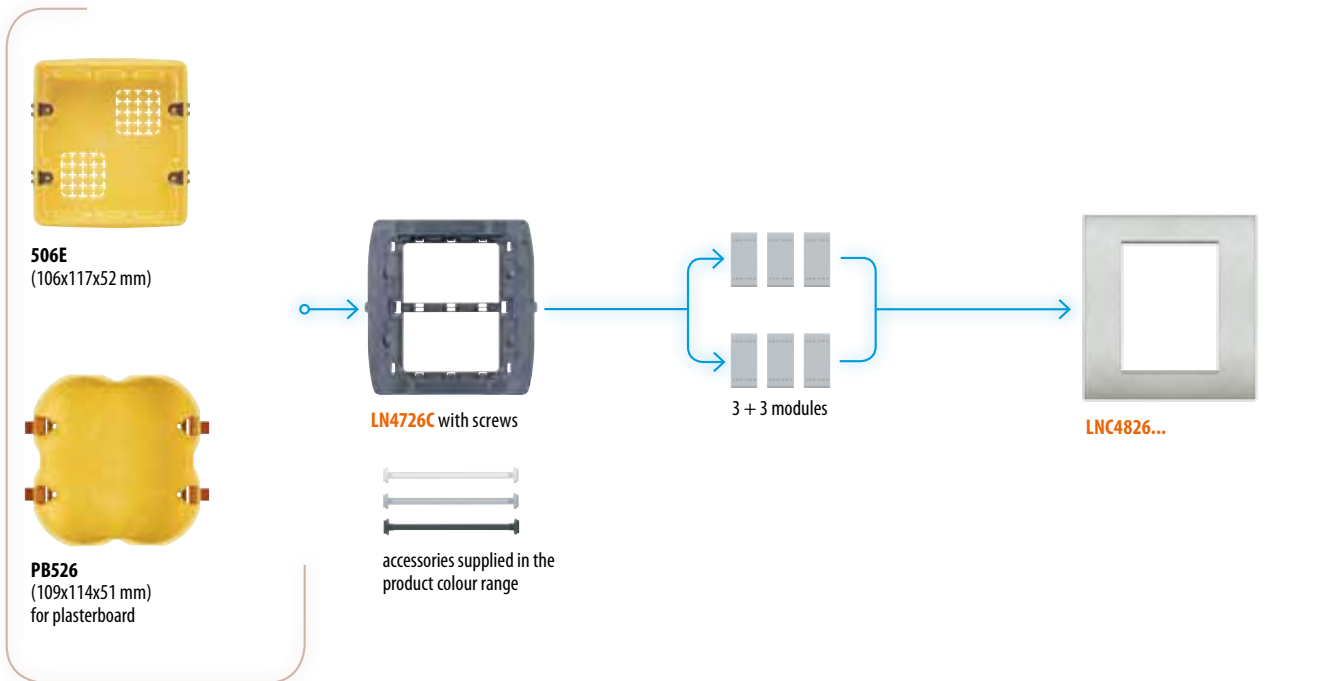
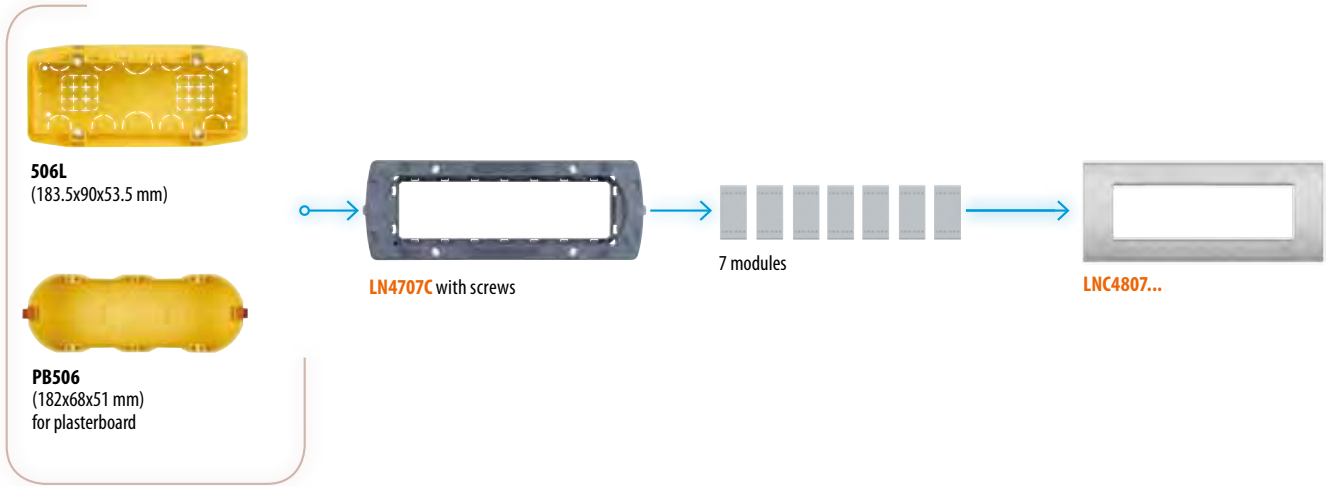
Note: The clear protection is supplied as standard with Air supports, to preserve the integrity of the devices, protecting them from installation dust, paint and scratches during all stages after their installation, and until the cover plates are fitted.

Boxes

Supports

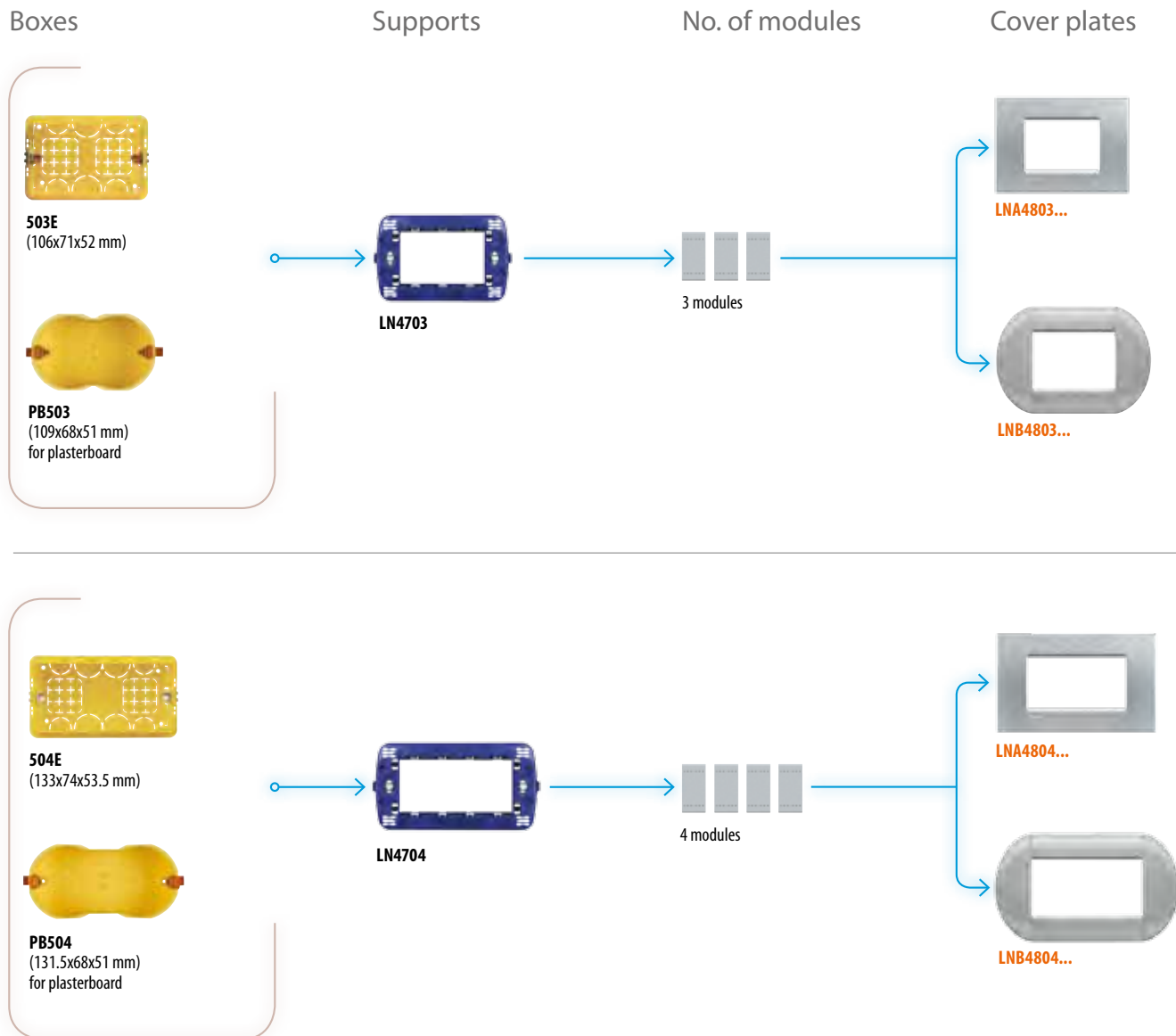
No. of modules

AIR cover plates



3 MODULE AREA INSTALLATION SYSTEM

Installation of square and round cover plates

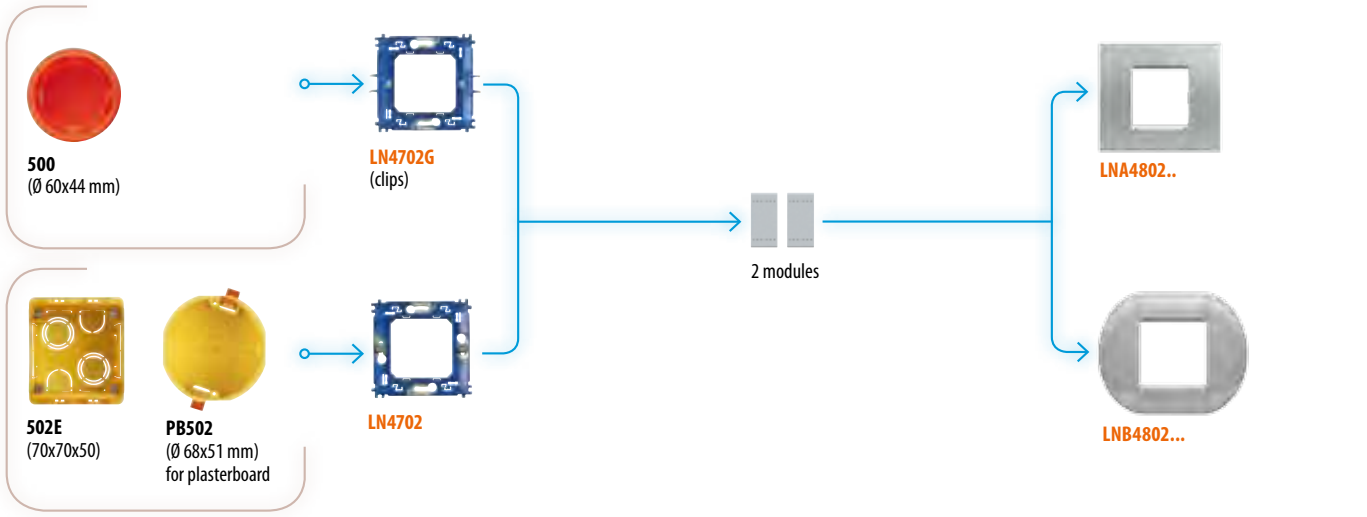
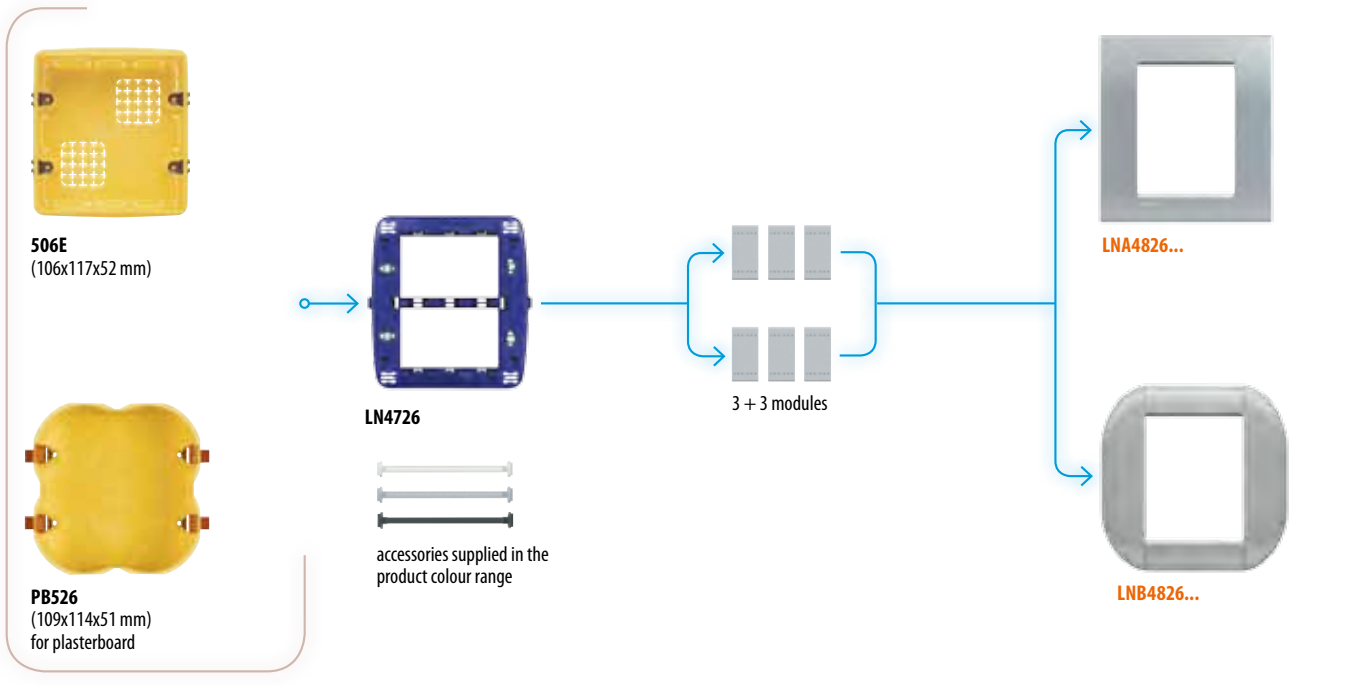
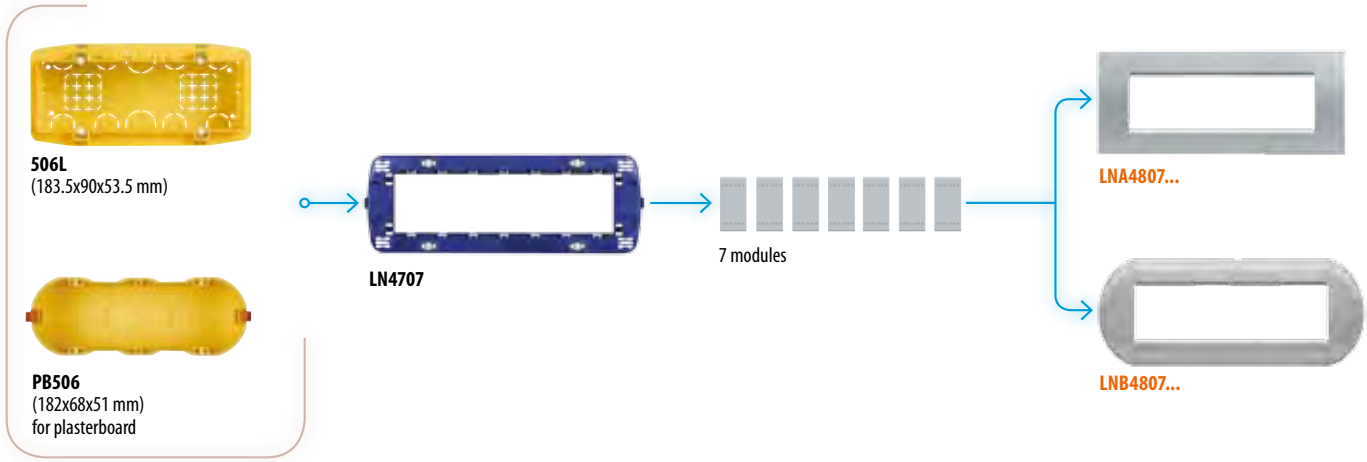


Boxes

Supports

No. of modules

Cover plates



3 MODULE AREA INSTALLATION SYSTEM

LIVING-LIGHT^{AIR} cover plate colours

NEUTRAL
Material: zamak



Lava - NL



Pearl white - PR



Moonlight silver - GL

SHINY
Material: zamak



Pewter - PT



Palladium - PL



Gold mat - OF



Nickel mat - NK

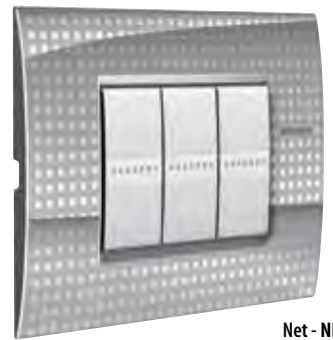
DECORATIONS
Material: zamak



Ramage - RM



Greek - GK



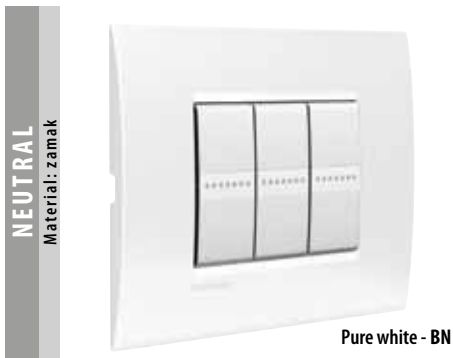
Net - NE



Stripes - SP













AIR COVER PLATE CODES

- 2 modules - LNC4802...
- 3 modules - LNC4803...
- 4 modules - LNC4804...
- 7 modules - LNC4807...
- 3+3 modules - LNC4826...

LIVING LIGHT^{AIR} cover plate colours


Cover plates: table for selecting codes

MODULES












		2	3	4	7	3+3
NEUTRAL (zamak)						
	Lava	LN4802NL	LN4803NL	LN4804NL	LN4807NL	LN4826NL
	Pearl white	LN4802PR	LN4803PR	LN4804PR	LN4807PR	LN4826PR
	Moonlight silver	LN4802GL	LN4803GL	LN4804GL	LN4807GL	LN4826GL
	Pure white	LN4802BN	LN4803BN	LN4804BN	LN4807BN	LN4826BN
SHINY (zamak)						
	Pewter	LN4802PT	LN4803PT	LN4804PT	LN4807PT	LN4826PT
	Palladium	LN4802PL	LN4803PL	LN4804PL	LN4807PL	LN4826PL
	Gold mat	LN4802OF	LN4803OF	LN4804OF	LN4807OF	LN4826OF
	Nickel mat	LN4802NK	LN4803NK	LN4804NK	LN4807NK	LN4826NK
DECORATIONS (zamak)						
	Ramage	LN4802RM	LN4803RM	LN4804RM	LN4807RM	LN4826RM
	Greek	LN4802GK	LN4803GK	LN4804GK	LN4807GK	LN4826GK
	Net	LN4802NE	LN4803NE	LN4804NE	LN4807NE	LN4826NE
	Stripes	LN4802SP	LN4803SP	LN4804SP	LN4807SP	LN4826SP

SUPPORTS

Supports	LN4702C	LN4703C	LN4704C	LN4707C	LN4726C

3 MODULE AREA INSTALLATION SYSTEM

Square cover plate colours

METALS Material: zamak	 <p>Ice gold - OA</p>	 <p>Bronze - BZ</p>	 <p>Nickel - NS</p>
NATURALIA Material: zamak	 <p>Native - NA</p>	 <p>Silver - AG</p>	 <p>Brushed steel - ACS</p>
SILK Material: zamak	 <p>Park - PK</p>	 <p>Square - SQ</p>	 <p>Brick - RK</p>
	 <p>Avenue - AE</p>	 <p>Club - CB</p>	<p>SQUARE COVER PLATE CODES 2 modules - LNA4802... 3 modules - LNA4803... 4 modules - LNA4804... 7 modules - LNA4807... 3+3 modules - LNA4826...</p>

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

3 MODULE AREA INSTALLATION SYSTEM

Round cover plate colours

METALS

Material: zamak



Gold - OC



Dark steel - AC



Titanium - TC



Chrome - CR

NATURALIA

Material: zamak



Graphite - GF



Marrakech - MA



Cordoba - CO



Siena - SI

ROUND COVER PLATE CODES

2 modules - LNB4802...

3 modules - LNB4803...

4 modules - LNB4804...

7 modules - LNB4807...

3+3 modules - LNB4826...

GLOSSY

Material: zamak



Grape - GP



Citron - CT



Sunset - SS

TWIN

Material: polymer plastic



Brown - TW



Sky - TS



Bronze - TB

CLASSY

Material: polymer plastic



Smoking - SM



Colonial - CL



Tight - TG

NEUTRAL

Material: polymer plastic



Anthracite - AR



White - BI



Tech - TE

ESSENCES

Material: solid wood



Cherrywood - LCA



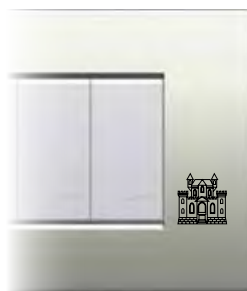
Maple - LAE



Oak - LRW

CUSTOMISED COVER PLATES











Factory customisation



On request of the customer, LIVINGLIGHT cover plates may be supplied with customised graphics. Each mark may consist of one or two colours. The requests, minimum quantity 20 pieces, must be forwarded through the electric material distributor.




















3 MODULE AREA INSTALLATION SYSTEM

Square cover plates: table for selecting codes

		MODULES				
		2	3	4	7	3+3
METALS (zamak)						
	Ice gold	LNA48020A	LNA48030A	LNA48040A	LNA48070A	LNA48260A
	Bronze	LNA4802BZ	LNA4803BZ	LNA4804BZ	LNA4807BZ	LNA4826BZ
	Nickel	LNA4802NS	LNA4803NS	LNA4804NS	LNA4807NS	LNA4826NS
NATURALIA (zamak)						
	Native	LNA4802NA	LNA4803NA	LNA4804NA	LNA4807NA	LNA4826NA
	Silver	LNA4802AG	LNA4803AG	LNA4804AG	LNA4807AG	LNA4826AG
	Brushed steel	LNA4802ACS	LNA4803ACS	LNA4804ACS	LNA4807ACS	LNA4826ACS
SILK (zamak)						
	Park	LNA4802PK	LNA4803PK	LNA4804PK	LNA4807PK	LNA4826PK
	Square	LNA4802SQ	LNA4803SQ	LNA4804SQ	LNA4807SQ	LNA4826SQ
	Brick	LNA4802RK	LNA4803RK	LNA4804RK	LNA4807RK	LNA4826RK
	Avenue	LNA4802AE	LNA4803AE	LNA4804AE	LNA4807AE	LNA4826AE
	Club	LNA4802CB	LNA4803CB	LNA4804CB	LNA4807CB	LNA4826CB
DEEP (polymer plastic)						
	Green	LNA4802VD	LNA4803VD	LNA4804VD	LNA4807VD	LNA4826VD
	Orange	LNA4802OD	LNA4803OD	LNA4804OD	LNA4807OD	LNA4826OD
	Blue	LNA4802AD	LNA4803AD	LNA4804AD	LNA4807AD	LNA4826AD
KRISTALL (polymer plastic)						
	London fog	LNA4802KF	LNA4803KF	LNA4804KF	LNA4807KF	LNA4826KF
	Aquamarine	LNA4802KA	LNA4803KA	LNA4804KA	LNA4807KA	LNA4826KA
	Cold grey	LNA4802KG	LNA4803KG	LNA4804KG	LNA4807KG	LNA4826KG
NEUTRAL (polymer plastic)						
	Anthracite	LNA4802AR	LNA4803AR	LNA4804AR	LNA4807AR	LNA4826AR
	White	LNA4802BI	LNA4803BI	LNA4804BI	LNA4807BI	LNA4826BI
	Tech	LNA4802TE	LNA4803TE	LNA4804TE	LNA4807TE	LNA4826TE
WOOD						
	Cherrywood	LNA4802LCA	LNA4803LCA	LNA4804LCA	LNA4807LCA	LNA4826LCA
	Bamboo	LNA4802LBA	LNA4803LBA	LNA4804LBA	LNA4807LBA	LNA4826LBA
	Walnut	LNA4802LNC	LNA4803LNC	LNA4804LNC	LNA4807LNC	LNA4826LNC
SUPPORTS						
	Fixing with screws	LN4702	LN4703	LN4704	LN4707	LN4726
	Fixing with clips	LN4702G				

Round cover plates: table for selecting codes

MODULES

		2	3	4	7	3+3
METALS (zamak)						
	Gold	LNB48020C	LNB48030C	LNB48040C	LNB48070C	LNB48260C
	Dark steel	LNB4802AC	LNB4803AC	LNB4804AC	LNB4807AC	LNB4826AC
	Titanium	LNB4802TC	LNB4803TC	LNB4804TC	LNB4807TC	LNB4826TC
	Chrome	LNB4802CR	LNB4803CR	LNB4804CR	LNB4807CR	LNB4826CR
NATURALIA (zamak)						
	Graphite	LNB4802GF	LNB4803GF	LNB4804GF	LNB4807GF	LNB4826GF
	Marrakech	LNB4802MA	LNB4803MA	LNB4804MA	LNB4807MA	LNB4826MA
	Cordoba	LNB4802CO	LNB4803CO	LNB4804CO	LNB4807CO	LNB4826CO
	Siena	LNB4802SI	LNB4803SI	LNB4804SI	LNB4807SI	LNB4826SI
GLOSSY (zamak)						
	Grape	LNB4802GP	LNB4803GP	LNB4804GP	LNB4807GP	LNB4826GP
	Citron	LNB4802CT	LNB4803CT	LNB4804CT	LNB4807CT	LNB4826CT
	Sunset	LNB4802SS	LNB4803SS	LNB4804SS	LNB4807SS	LNB4826SS
TWIN (polymer plastic)						
	Brown	LNB4802TW	LNB4803TW	LNB4804TW	LNB4807TW	LNB4826TW
	Sky	LNB4802TS	LNB4803TS	LNB4804TS	LNB4807TS	LNB4826TS
	Bronze	LNB4802TB	LNB4803TB	LNB4804TB	LNB4807TB	LNB4826TB
CLASSY (polymer plastic)						
	Smoking	LNB4802SM	LNB4803SM	LNB4804SM	LNB4807SM	LNB4826SM
	Colonial	LNB4802CL	LNB4803CL	LNB4804CL	LNB4807CL	LNB4826CL
	Tight	LNB4802TG	LNB4803TG	LNB4804TG	LNB4807TG	LNB4826TG
NEUTRAL (polymer plastic)						
	Anthracite	LNB4802AR	LNB4803AR	LNB4804AR	LNB4807AR	LNB4826AR
	White	LNB4802BI	LNB4803BI	LNB4804BI	LNB4807BI	LNB4826BI
	Tech	LNB4802TE	LNB4803TE	LNB4804TE	LNB4807TE	LNB4826TE
WOOD						
	Cherrywood	LNB4802LCA	LNB4803LCA	LNB4804LCA	LNB4807LCA	LNB4826LCA
	Maple	LNB4802LAE	LNB4803LAE	LNB4804LAE	LNB4807LAE	LNB4826LAE
	Oak	LNB4802LRW	LNB4803LRW	LNB4804LRW	LNB4807LRW	LNB4826LRW
SUPPORTS						
	Fixing with screws	LN4702	LN4703	LN4704	LN4707	LN4726
	Fixing with clips	LN4702G				



CONTENTS



DIFFERENT TYPES OF INSTALLATION

Wall mounted installation _____ 130
 Installation with protected covers _____ 132
 Installation in protected housings and other _____ 134

NOTE: the new codes are shown in the catalogue in orange (ex. N4001N).

WALL MOUNTED INSTALLATION

Boxes



502BI*



503BI*



503BP



504BI*

White



506NP
(118x188x55)



N4070 indoor siren
N4565 loudspeaker

Tech



506NP
(118x188x55)



NT4070 indoor siren
NT4565 loudspeaker

Anthracite



506LP
(118x118x55)



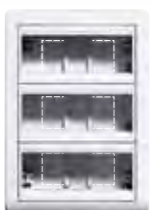
4070 indoor siren
L4565 loudspeaker



N4714 with support and
cover plate (215x215x60)



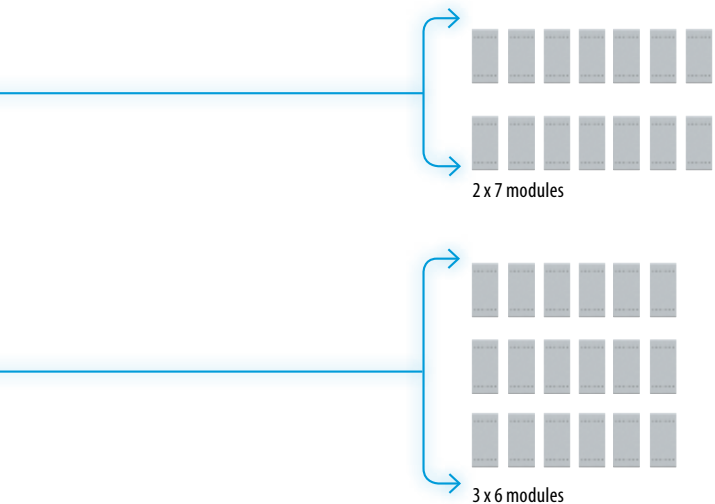
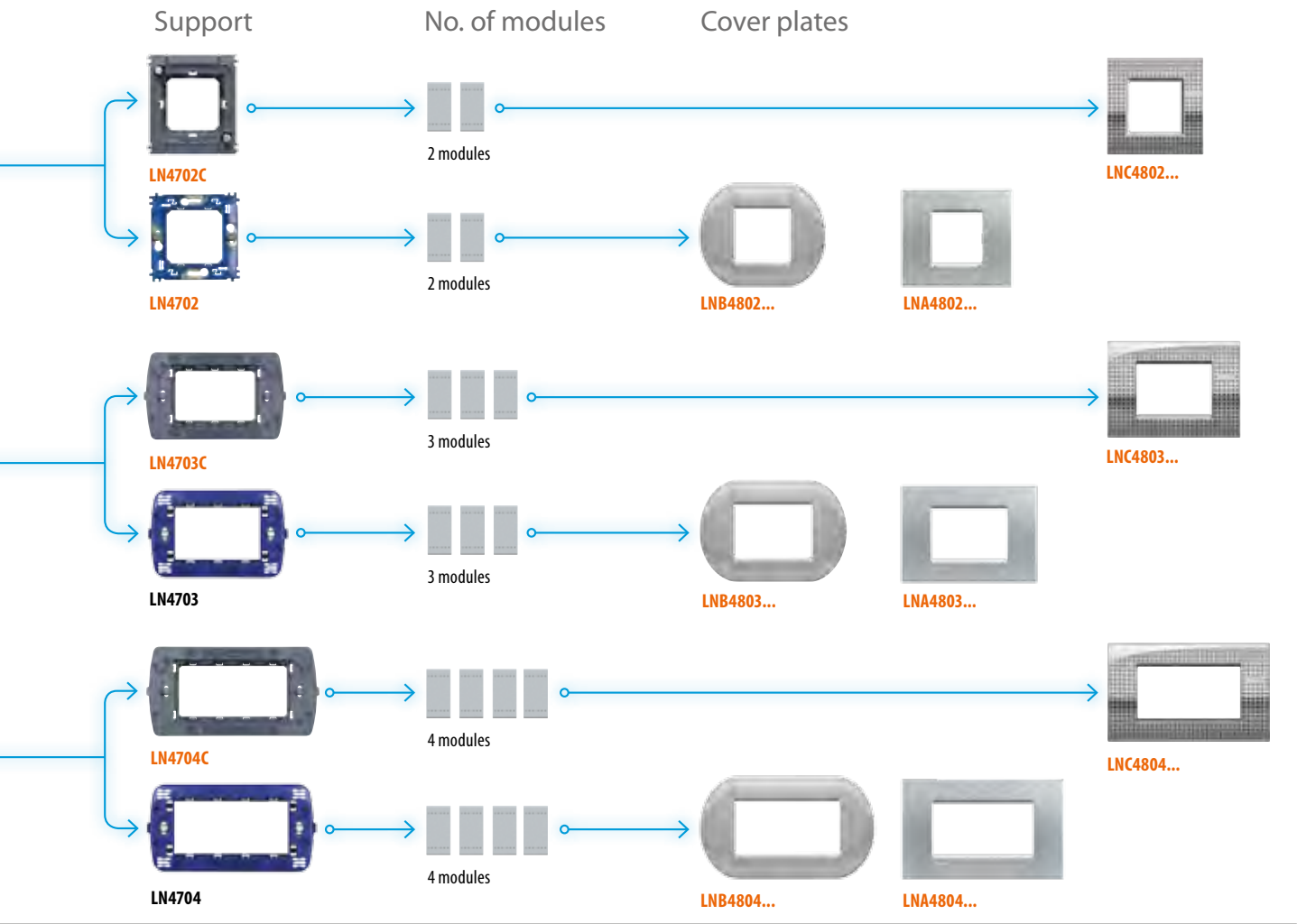
L4714 - with support and
cover plate (215x215x60)



150418BA with supports and
cover plates (173x247x65)



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

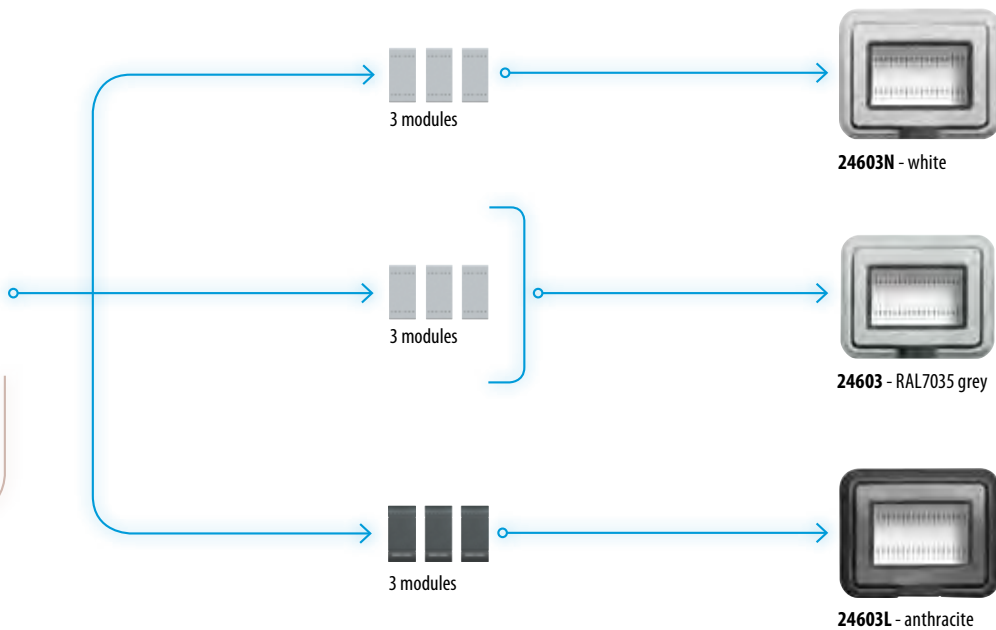
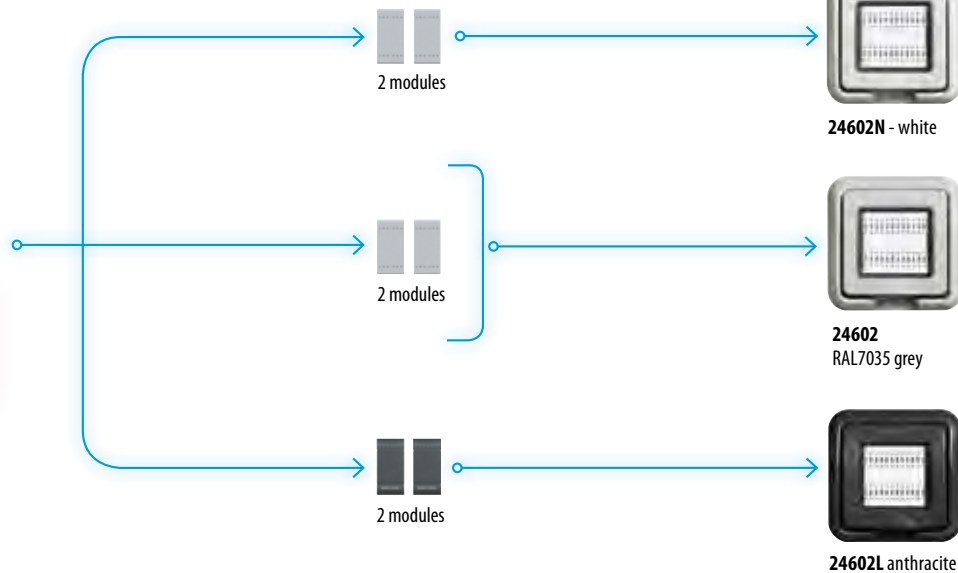


INSTALLATION IN FLUSH MOUNTED BOXES WITH SELF-SUPPORTING PROTECTED COVERS

Boxes

No. of modules

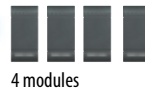
IDROBOX IP55 protected covers



Boxes

No. of modules

IDROBOX IP55 protected covers



24604N - white



24604 - RAL7035 grey

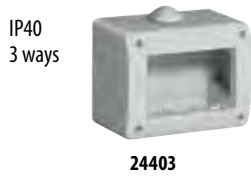


24604L - anthracite

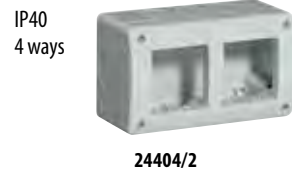
INSTALLATION IN PROTECTED HOUSINGS AND OTHER

IP40 AND IP55 IDROBOX PROTECTED HOUSINGS

IP40 housings



IP40 housings



IP55 housings

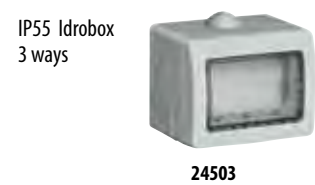
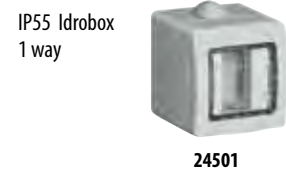


TABLE MOUNTED INSTALLATION

Device holder



150433 white
150434 Tech
150432 anthracite









No. of modules








4 modules
(white - Tech - anthracite)

INSTALLATION IN PROTECTED HOUSINGS AND OTHER



Item	ACCESSORIES FOR IP40 - IP55 HOUSINGS	
○ 25700		flexible cable entry gland Ø 5 to 14-16-20 mm – IP55
○ 25700F/16		quick-coupling pipe gland IP55 for pipes Ø 16 mm
○ 25700F/20		quick-coupling pipe gland IP55 for pipes Ø 20 mm
○ 25701		horizontal partition
○ 25701V		vertical partition
○ 25702		internal terminal for earth connection
IP54 IR SWITCH		
○ 25550/180		angle of detection 180° - relay contact 8 A 250 Va.c.
○ 25550/270		angle of detection 270° - relay contact 8 A 250 Va.c.

Item	WIRING ACCESSORIES - FLOOR BOXES	
<p>These floor boxes were planned for being equipped with 1 or 2 module devices of the wiring accessories series LIVINGLIGHT. 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</p>		
○ 150560AC		2 module column, inox
○ 1505600T		2 module column, brass
○ 150560SB		box for cement
○ 150560S		underfloor flush mounted box
○ 150560F		cutter diam. 86 mm

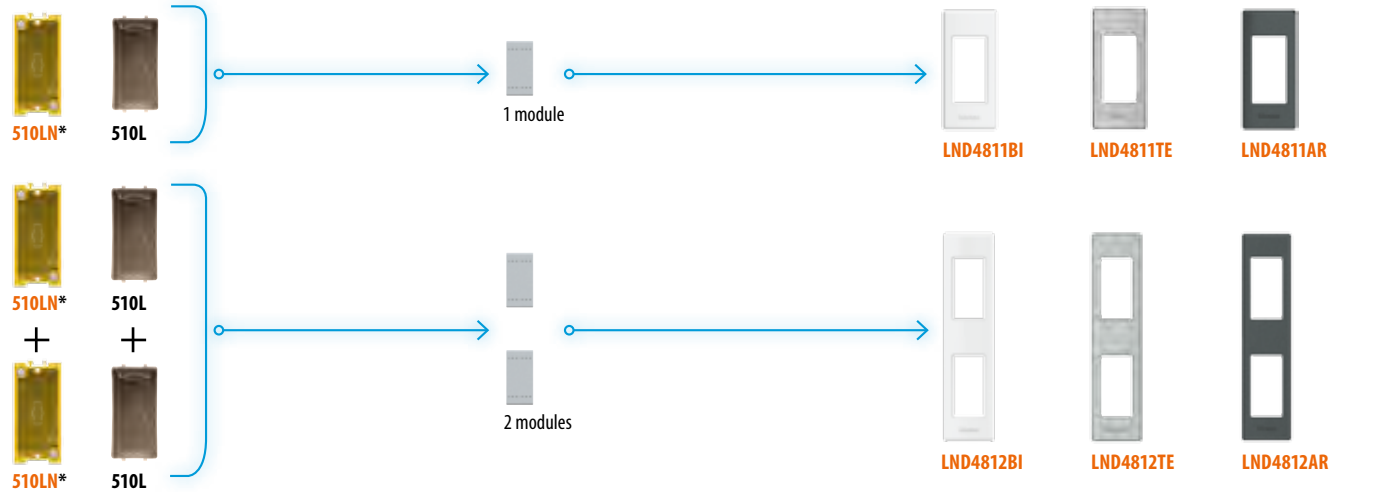
INSTALLATION IN PROTECTED HOUSINGS AND OTHER

INSTALLATION ON RAILS

Boxes

No. of modules

Cover plates with support



* available from October 2011

INSTALLATION IN MULTIBOX BOXES

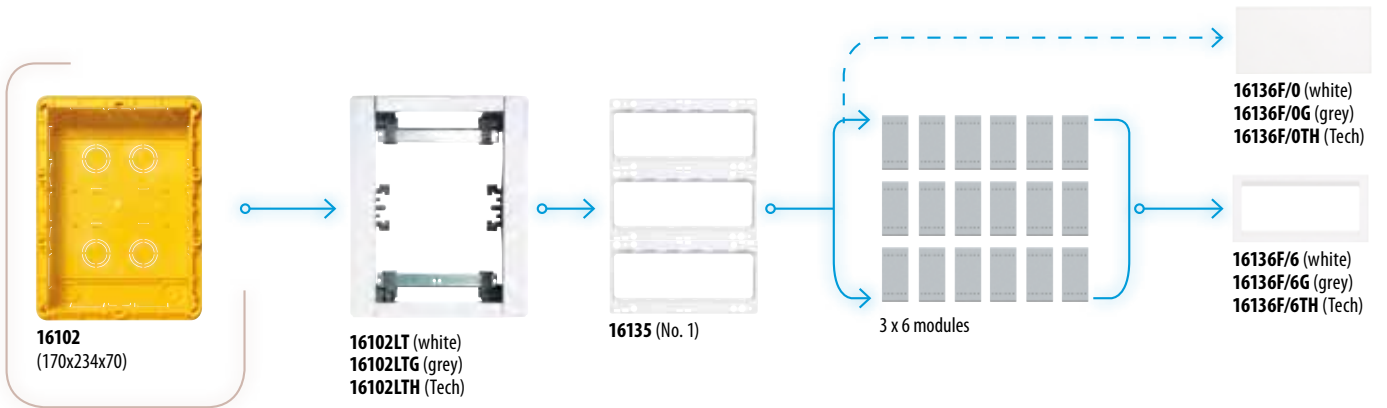
Boxes

Frame

Supports

No. of modules

Cover plates





CONTENTS



DIMENSIONAL DATA

Cover plates _____ 138
 Supports _____ 140
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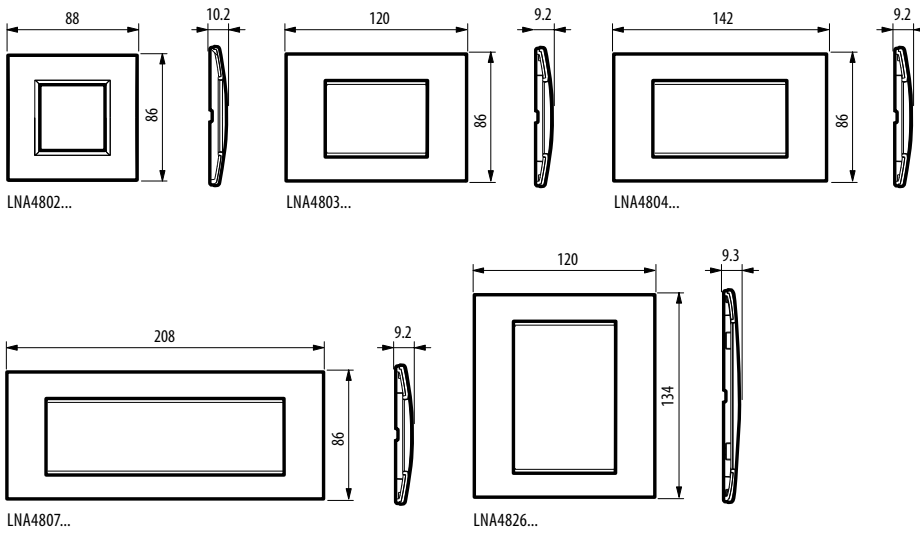
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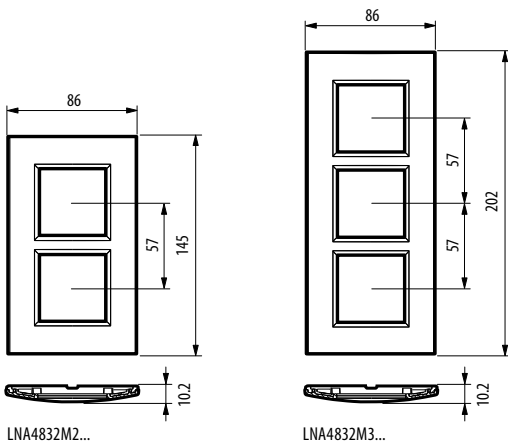
DIMENSIONAL DATA

LIVINGLIGHT square cover plates

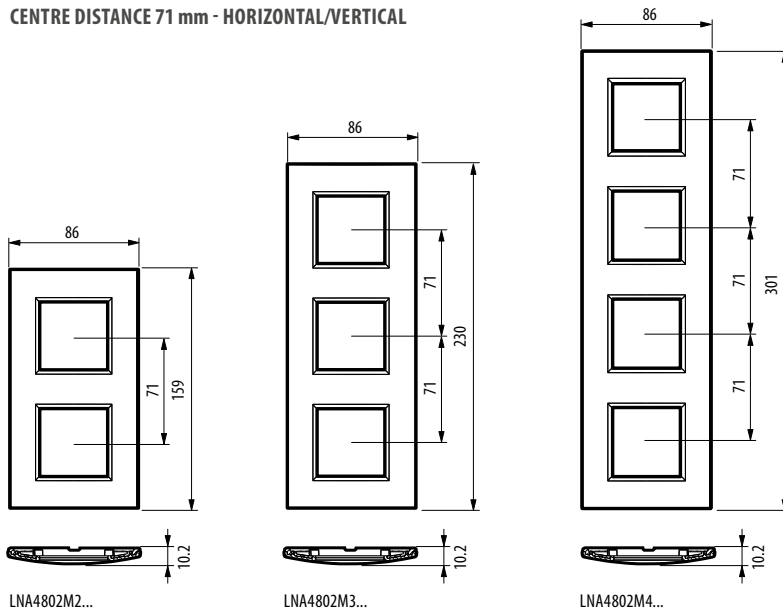
SQUARE COVER PLATES



CENTRE DISTANCE 57 mm - HORIZONTAL/VERTICAL



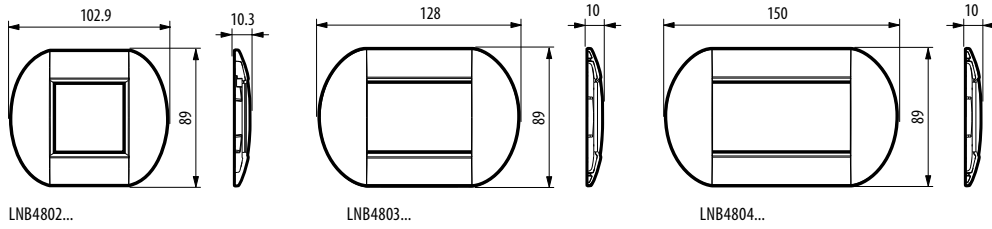
CENTRE DISTANCE 71 mm - HORIZONTAL/VERTICAL



DIMENSIONAL DATA

LIVINGLIGHT round and AIR cover plates

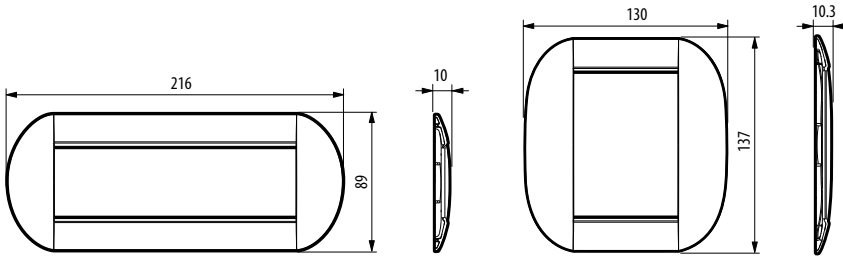
ROUND COVER PLATES



LNB4802...

LNB4803...

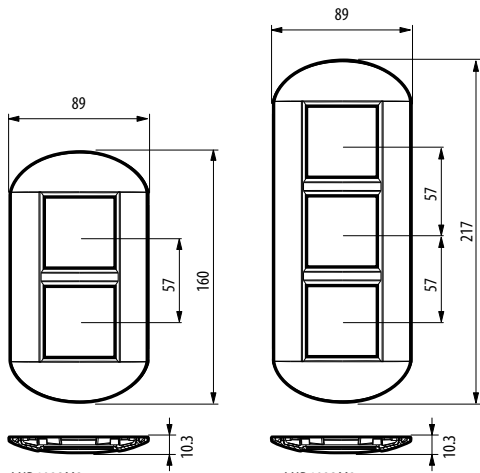
LNB4804...



LNB4807...

LNB4826...

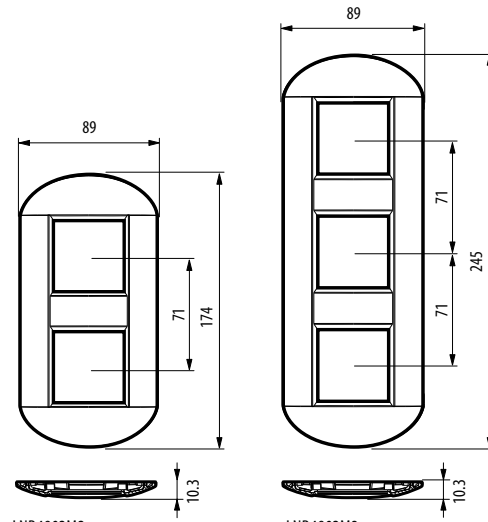
CENTRE DISTANCE 57 mm HORIZONTAL/VERTICAL



LNB4832M2...

LNB4832M3...

CENTRE DISTANCE 71 mm HORIZONTAL/VERTICAL

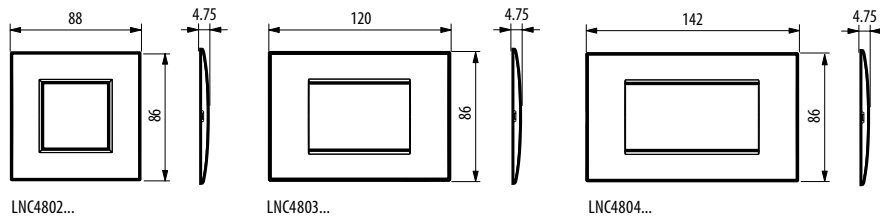


LNB4802M2...

LNB4802M3...

LNB4802M4...

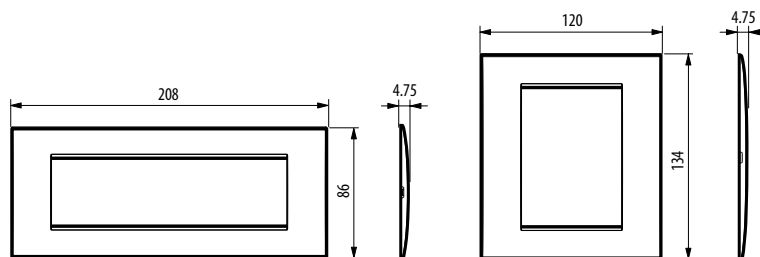
LIVINGLIGHT AIR COVER PLATES



LNC4802...

LNC4803...

LNC4804...



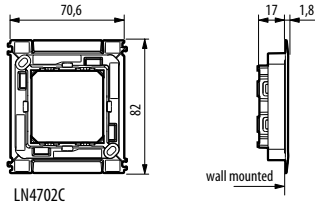
LNC4807...

LNC4826...

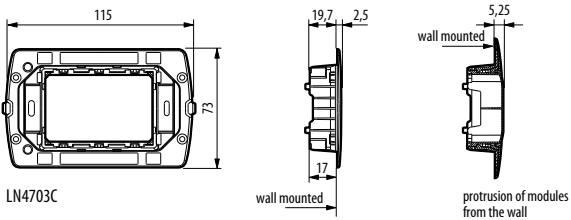
DIMENSIONAL DATA

LIVINGLIGHT AIR supports

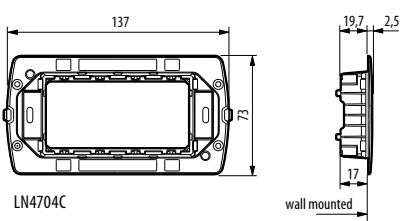
2 MODULE SUPPORT



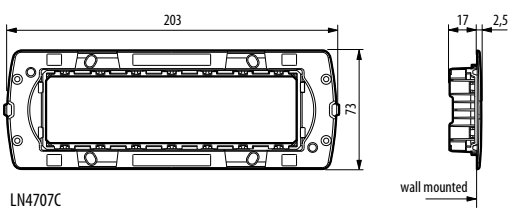
3 MODULE SUPPORT



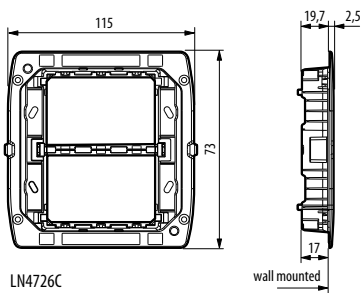
4 MODULE SUPPORT



7 MODULE SUPPORT



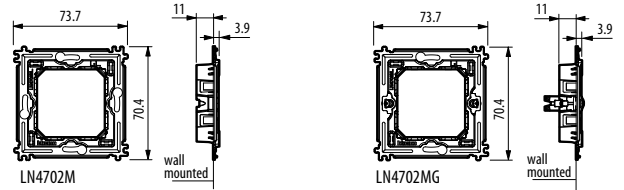
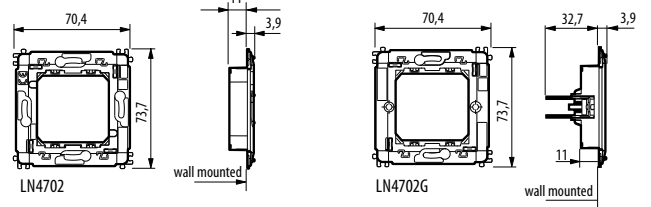
3+3 MODULE SUPPORT



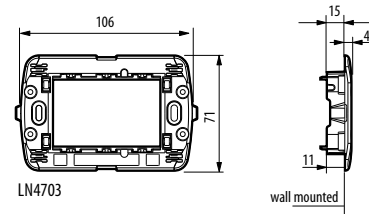
DIMENSIONAL DATA

LIVINGLIGHT supports

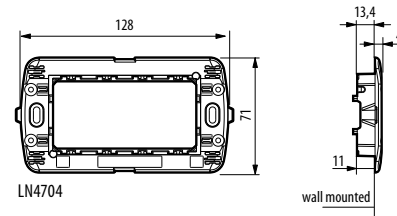
2 MODULE SUPPORT



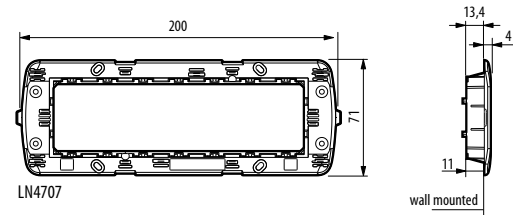
3 MODULE SUPPORT



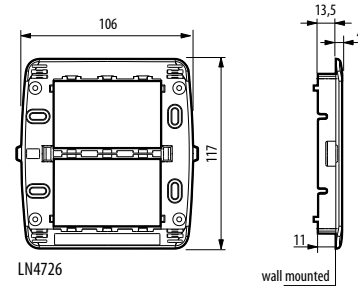
4 MODULE SUPPORT



7 MODULE SUPPORT



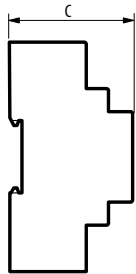
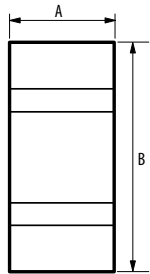
3+3 MODULE SUPPORT



DIMENSIONAL DATA

LIVINGLIGHT modular devices and non-modular devices

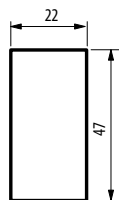
DIN DEVICES



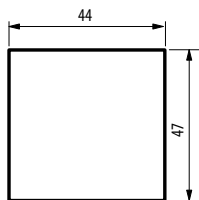
DIN dimension table (mm)

No. of mod.	A	B	C
1	17.5		
2	35		
3	52.5		
4	70		
5	87.5	90	60 / 61
6	105		
7	122.5		
8	140		
9	157.5		
10	175		

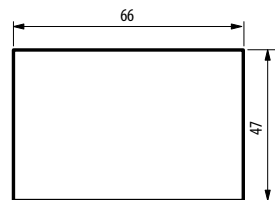
2 DIN modules



1 module

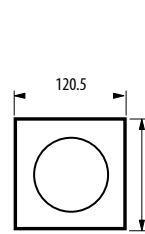


2 modules

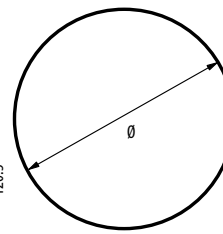


3 modules

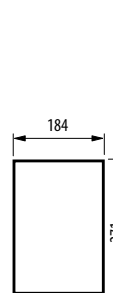
NON-MODULAR DEVICES



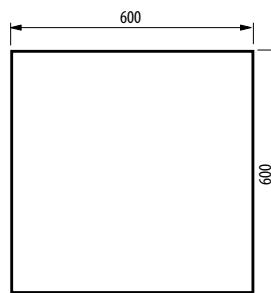
L-N-NT4565
4070 - N/NT4070



L4566 - Ø240
L4566/10 - Ø100



L4567



L4568

DEPTH FROM WALL SURFACE

Item	Description	Depth mm
L/N/NT4051A	1P 16 A axial MA switch	33.75
L/N/NT4051M2A	1P 16 A axial 2 mod. MA switch	26.85
L/N/NT4053A	1P 16 A axial MA two-way switch	33.75
L/N/NT4053M2A	1P 16 A axial 2 mod. MA two-way switch	26.85
L/N/NT	1P 16 A axial four-way switch	33
L/N/NT4054M2	1P 16 A axial 2 mod. four-way switch	26
L/N/NT4055A	1P 10 A axial MA pushbutton	33
L/N/NT4055M2A	1P 10 A axial 2 mod. MA pushbutton	26.85
L/N/NT4001A	1P 16 A MA switch	24.6
L/N/NT4001M2A	1P 16 A MA 2 mod. switch	24.6
L/N/NT4003A	1P 16 A MA two-way switch	24.6
L/N/NT4003M2A	1P 16 A MA 2 mod. two-way switch	24.6
L/N/NT4005A	1P 10 A MA pushbutton	24.6
L/N/NT4005M2A	1P 10 A MA pushbutton	24.6
L/N/NT4142AN	French Belgian MA	29.3
L/N/NT4141AN	Schuko MA	32.35
L/N/NT4001	1P 16 A switch	25
L4001/O	16 A switch without key	25
L4001/OW	16 A switch without key	22.4
L/N/NT4001/2	1P 16 A 2 mod. switch	25
N/NT4001/20	1P 20 A 250 V switch	25.5
L/N/NT4001/2W	1P 16 A 2 mod. switch	22.4
N/NT4001L	1P 16 A lightable switch	25
N/NT4001L/2	1P 16 A 2 mod. lightable switch	25
L/N/NT4001W	1P 16 A switch	22.4
L/N/NT4002	2P 16 A switch	25
L/N/NT4003	1P 16 A two-way switch	25
L4003/O	16 A two-way switch without key	25
L4003/OW	16 A two-way switch without key	22.4
L/N/NT4003/2	1P 16 A 2 mod. two-way switch	25
N/NT4003/20	20 A 250 V two-way switch	25.5
L/N/NT4003/2W	1P 16 A 2 mod. two-way switch	22.4
N/NT4003L	1P 16 A lightable two-way switch	25

Item	Description	Depth mm
N/NT4003L/2	1P 16 A 2 mod. lightable two-way switch	25
L/N/NT4003W	1P 16 A two-way switch	22.4
L/N/NT4004	16 A four-way switch	25
L/N/NT4004/2	16 A 2 mod. four-way switch	25
N/NT4004L	16 A lightable four-way switch	25
N/NT4004L/2	16 A 2 mod. lightable four-way switch	25
L/N/NT4005	1P NO 10 A pushbutton	25
L4005/O	NO 10 A pushbutton without key	25
L4005/OW	1P NO pushbutton without key	22.4
L/N/NT4005/2	1P NO 10 A 2 mod. pushbutton	25
L/N/NT4005/2W	1P NO 10 A 2 mod. pushbutton	22.4
N/NT4005L	1P 16 A lightable pushbutton	25
N/NT4005L/2	1P 16 A 2 mod. lightable pushbutton	25
L/N/NT4005W	1P NO 10 A pushbutton	22.4
L/N/NT4011	2P 32 A switch	28
N/NT4011S	2P 32 A control + pilot light + support	33
N/NT4011SW	2P 32 A water heater control	33
L/N/NT4012	2P 16 A key switch	30
L/N/NT4016	0-1-2-3 rotary switch	32
N/NT4019	45 A BS control	23.1
L/N/NT4022	1P 16 A key two-way switch	30
L/N/NT4027	1-0-2 16 A double key changeover switch	32
L/N4028H	hotel signalling changeover switch	32
L/N/NT4033	1P NO 10 A cord pushbutton	23
L/N/NT4034	1P NC 10 A pushbutton	25
L/N/NT4036	1P NO 16 A double pushbutton	25
L/N/NT4037	2 NO 10 A interlocked pushbuttons	25
L/N/NT4038R	10 A pushbutton + red lampholder	25
L/N/NT4038V	10 A pushbutton + green lampholder	25
L/N/NT4040	1P NO 24 V 10 A pushbutton + nameplate	32
N/NT4041L	10 A pushbutton with "press" words	25
N/NT4042L	10 A lightable pushbutton with "bell" symbol	25
L/N/NT4044	2P NO 10 A pushbutton	25

DIMENSIONAL DATA

Item	Description	Depth mm
L/N4425/127	127 V 1 channel IR receiver	32
L/N/NT4426	2 channel IR receiver with relay	32
L/N4426/127	127 V 2 channel IR receiver	32
L/N/NT4431	200 W passive infrared switch	32
L/N/NT4432	500 W passive infrared switch	32
L/N4432/127	127 V 500 W infrared switch	32
L/N/NT4441	230 Va.c. thermostat for air conditioning	32
L/N/NT4442	230 Va.c. thermostat for air conditioning	32
L/N4442/127	127 V thermostat for air conditioning	32
L/N/NT4448	230 V day/week timer thermostat	30
L/N4448/127	127 V day/week timer thermostat	30
L/N4449	week timer thermostat with batteries	30.6
L/N/NT4450	wall mounted timer thermostat	25
L/N/NT4461	1-12 min 230 Va.c. timer	32
L/N4461/127	1-12 min 127 Va.c. timer	32
L/N/NT4466	230 V day/week programmer	30
L/N4466/127	127 V day/week programmer	30
L/N/NT4470	230 Va.c. alarm clock	30
L/N4470/127	12 Va.c. alarm clock	30
L/N/NT4511/12	12 Va.c./d.c. natural gas detector	32
L/N/NT4512/12	12 Va.c./d.c. LPG gas detector	32
L/N/NT4520	signal repeater for detectors	32
L/N/NT4536	230 Va.c. surge protective device	24
L/N/NT4541	230/12 V 4 VA transformer	35.7
L/N/NT4545	badge-holder pocket with switch	32
L/N/NT4550	hearing request	32
L/N/NT4560	SCS - LIGHT 2 mod. RCA input	18.2
L4561	SCS - device for stereo control	24.9
L4562	SCS - 2 mod. flush mounted amplifier	24.9
L/N/NT4563	volume adjustment knob	18.2
L4572	flat radio control	13
L4572SB	flat radio control no battery	13
L4573/2	SCS - radio actuator for lights and rolling shutters	32
L4574	SCS - radio two-way actuator	32
L/N4581	230/127 V 500 W resistive dimmer	32
L/N4582	230/127 V 300 W inductive dimmer	32
L/N4583	230/127 V 1000 W resistive dimmer	32
L/N/NT4600/1	1 zone burglar-alarm central unit	18.2
L/N/NT4600/4	4 zone burglar-alarm central unit	18.2
L/N/NT4603/4	4 zone burglar-alarm divider	18.2
L/N/NT4603/8	8 zone burglar-alarm expansion	18.2
L/N/NT4604	burglar-alarm connector	18.2
L/N/NT4605	burglar-alarm mechanical key	18.2
L/N/NT4607	transponder reader	18.2
L/N/NT4607/4	transponder divider	18.2
L/N/NT4610	fixed IR burglar-alarm detector	18.2
L/N/NT4611	swivel IR burglar-alarm detector	18.2
L/N/NT4612	NC burglar-alarm interface	18.2
L/N/NT4612/12	NC + 12 Vd.c. burglar-alarm interface	18.2
L/N/NT4613	IR + MW burglar-alarm detector	18.2
L/N/NT4614	relay burglar-alarm actuator	18.2
L/N/NT4615	auxiliary burglar-alarm interface	18.2
L/N/NT4618	radio burglar-alarm receiver	18.2
L/N4651/2	SCS - 2 mod. control for special functions	18.2
L4652/2	SCS - 2 mod. control for single/double loads	18.2
L4652/3	SCS - 3 mod. control for single/double loads	18.2
L/N/NT4654N	SCS - LIGHT IR receiver	18.2
L4655	SCS - 2 mod. control for extended systems	18.2
L4656	SCS - 2 mod. timer control	18.2
L4671/1	SCS - 2 mod. 1 relay actuator	24.9
L4671/2	SCS - 2 mod. 2 relay actuator	24.9
L/N/NT4672	SCS - LIGHT 16 A load actuator	24.9
L/N/NT4674	SCS - actuator for L/N4416 dimmer	24.9
L/N/NT4675	SCS - LIGHT 1 relay actuator	24.9
L4678	SCS - 300 VA dimmer for ferromagnetic transformers	32
L/N/NT4680	SCS - LIGHT scenario control	18.2
N4681	SCS - LIGHT scenario switchboards	18.2
L4684	SCS - colour Touch Screen for 506E	22.5
L/N/NT4688	SCS - LIGHT 2 mini input interface	18.2
L/N/NT4692	SCS - LIGHT sensor with adjustment	18.2
L/N/NT4692FAN	SCS - LIGHT fan-coil sensor	18.2
L/N/NT4693	SCS - LIGHT basic sensor	18.2
L4745/12	E10 12 V lamp	d.d.
L4745/230	E10 230 V lamp	d.d.
L4745/24	E10 24 V lamp	d.d.
N/NT4950	blank plate key	11
N/NT4951	blank plate key with knockout	11
N/NT4953	output with Ø 9 mm hole	11
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N/NT4955/45	cable output with 45 A clamp	25.2
L/N/NT...4565	16 Ohm loudspeaker for 506E	43

Item	Description	Depth mm
L/N/NT...4575N	radio receiver	18.2
L/N/NT...4575SB	radio receiver for L4572SB	18.2
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334513 - 12 - 14	LIVING 4 mod. handsfree	32
336983 - 82 - 84	LIVING 8 way socket	29.5
336993 - 92 - 94	LIVING additional bell	32
391613 - 12 - 14	video surveillance system - 2 mod. LIVING camera	32
391657 - 58 - 59	LIVING 2 wire colour camera	18.2
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BTicino SpA
Via Messina, 38
20154 Milano - Italy
www.bticino.com

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