

LIVING now



MyHOME_Up



TRADITIONAL
CONTROL



CONTROL WITH
SMARTPHONE



VOICE
COMMAND



PLANNING
PROGRAMMED

bticino

LIVING now



Forever an icon, today Smart as well.

Living Now is the new Living generation. A timeless icon which combines the linearity of a unique design with the simplicity of Smart technology. All this without changing usual wiring procedures because Living Now is always installed in the traditional way, guaranteeing a perfect installation.



Traditional
control



Control with
smartphone



Voice
command



Planning
programmed



- **Innovative design:** revisited relationship between cover plate and functions.
- **Smart:** the first intrinsically connected wiring devices range!
- The best technical solutions for a **perfect installation.**



App
Home +Control



DESIGN INNOVATION

**PERFECT PLANARITY AND
ELEGANT DETAILS**



Living Now, has won this prestigious international award confirming BTicino's ability to combine technology and design.



The international jury at the XXVI Compasso d'Oro ADI Award 2020, granted Living Now an Honourable Mention. The Compasso d'Oro ADI Award is the oldest and most authoritative international design award.

FULL TOUCHCONTROLS

The light can be switched on or off by pressing any point of the surface of the keys. After being pressed, the keys return to their original position, perfectly aligned.



MORE SPACE FOR FUNCTIONS

Unique shape with space increased for functions.

NEW DIGITAL CONTROLS WITH LIVING NOW FINISH

Living Now series digital controls are now part of the MyHOME_Up home automation range. A mix of incomparable innovation and simplicity, ready to be discovered, heard and touched.



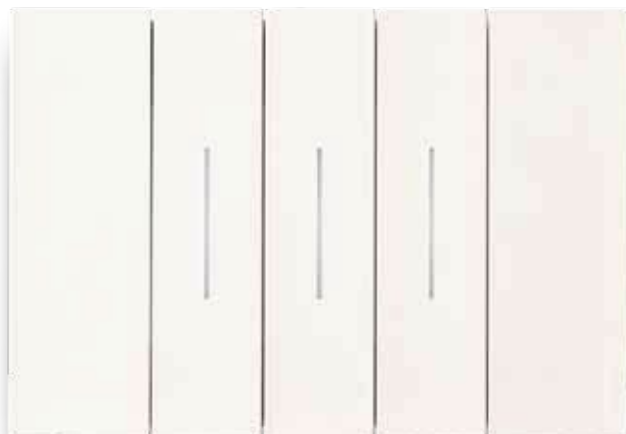


LIGHT AND FULL CONTROLS

- New touch controls without cover plate
- Customised icons and leds using the app MyHOME_Up
- Expandable to new functions

DEVICE FINISHING

WHITE



SAND



BLACK





3 COLOURS FOR THE DEVICES

The devices feature an aesthetic component, the covers, available in three different colours: white, sand and black. Satin finish surface: for a pleasant feel.

COMBINATION WITH THE COVER PLATES

The Living Now cover plate range includes 16 finishes, purposely selected for use with the device covers, and made of different materials: techno polymer, metal and wood.



COORDINATION OF APPEARANCE OF THE MYHOME_UP DIGITAL CONTROLS

MyHOME_Up digital controls do not require the use of cover plates and are available in white, sand and black.



COVER PLATE FINISHING



ICE cover plate
Material: techno polymer
Code: ...DW



The zamak and wood finishes are obtained using non-mass production procedures. The individual differences among the various cover plates are therefore a distinguishing valuable element.



WHITE cover plate

Material: techno polymer
Code: ...KW



GOLD cover plate

Material: zamak
Code: ...ZW



MOON COVER PLATE

Material: zamak
Code: ...NW



SKY cover plate

Material: techno polymer
Code: ...DA



PIXEL cover plate

Material: techno polymer
– pixel effect
Code: ...MW



COVER PLATE FINISHING



OAK cover plate
Material: wood
Code: ...LM



The zamak and wood finishes are obtained using non-mass production procedures. The individual differences among the various cover plates are therefore a distinguishing valuable element.



SAND cover plate

Material: techno polymer
Code: ...KM



COPPER cover plate

Material: zamak
Code: ...ZM



AURA cover plate

Material: techno polymer
Code: ...DM



OPTIC cover plate

Material: techno polymer
– pixel effect
Code: ...MM



COVER PLATE FINISHING



STEEL coverplate
Material: zamak
Code: ...ZG





The zamak and wood finishes are obtained using non-mass production procedures. The individual differences among the various cover plates are therefore a distinguishing valuable element.



BLACK cover plate
Material: techno polymer
Code: ...KG



SPACE cover plate
Material: zamak
Code: ...NG



WALNUT cover plate
Material: wood
Code: ...LG

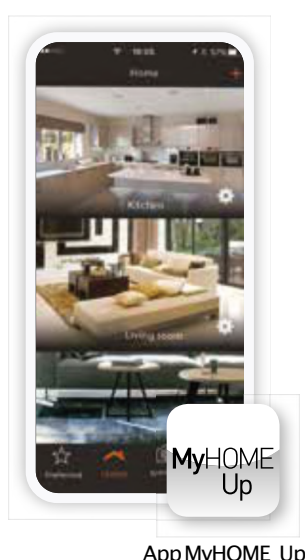


NIGHT cover plate
Material: techno polymer
Code: ...DG

LIVING
now

HOME AUTOMATION SYSTEM

Living Now MyHOME_Up



App MyHOME_Up

INSTALLATION WITH BUS

Create a BUS integrated system manageable from the MyHOME_UP App, using your voice or the Touch Screen controls.

FUNCTIONS

- Lights
- Shutters
- Sockets
- Temperature control
- Scenario control
- Consumption display
- Load anti-blackout control
- Video door entry system
- NUVO sound diffusion system
- Integration with other brand.

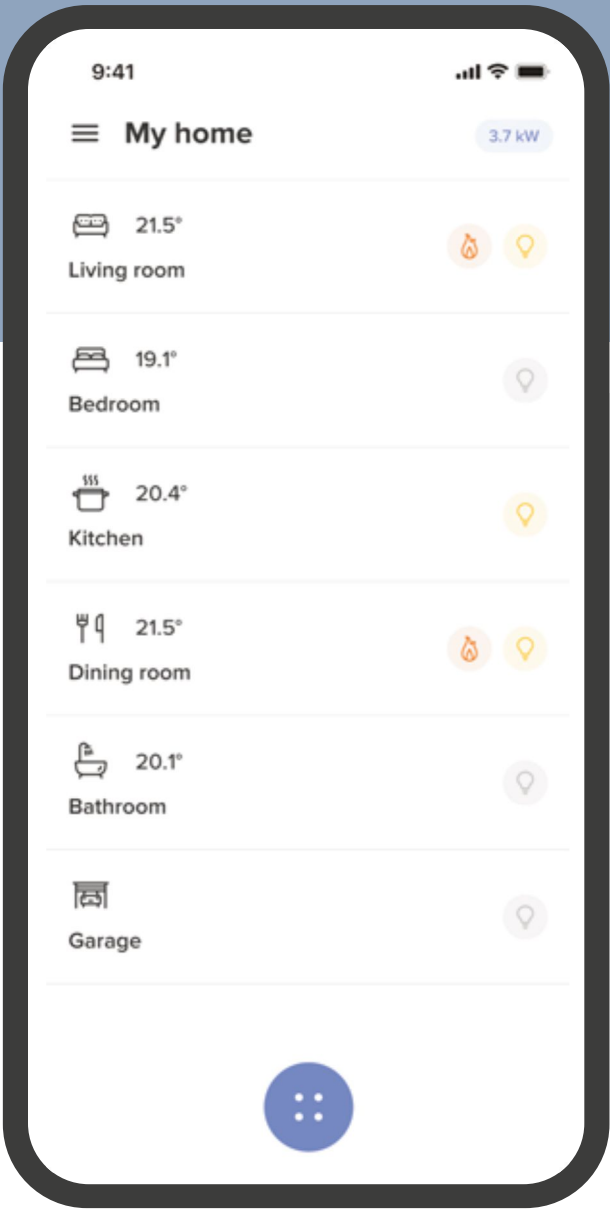
CHOOSE HOW TO CONTROL IT



SMART ELECTRICAL SYSTEM

Check your home just like your e-mail or your bank account. Starting from today, you will have all this at your fingertips, in full safety and easily.

App
HOME +CONTROL



GENERAL CONTROL

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



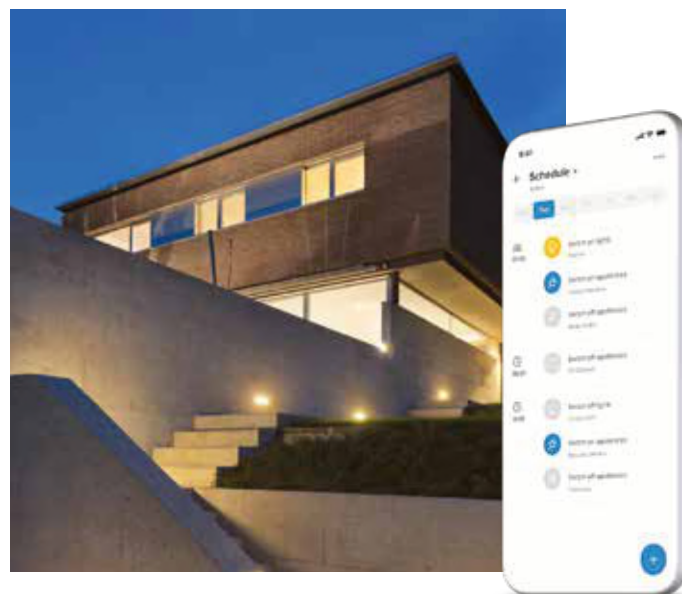
CONTROL WITH SMARTPHONE

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



VOICE COMMAND

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



PLANNED PROGRAMMING

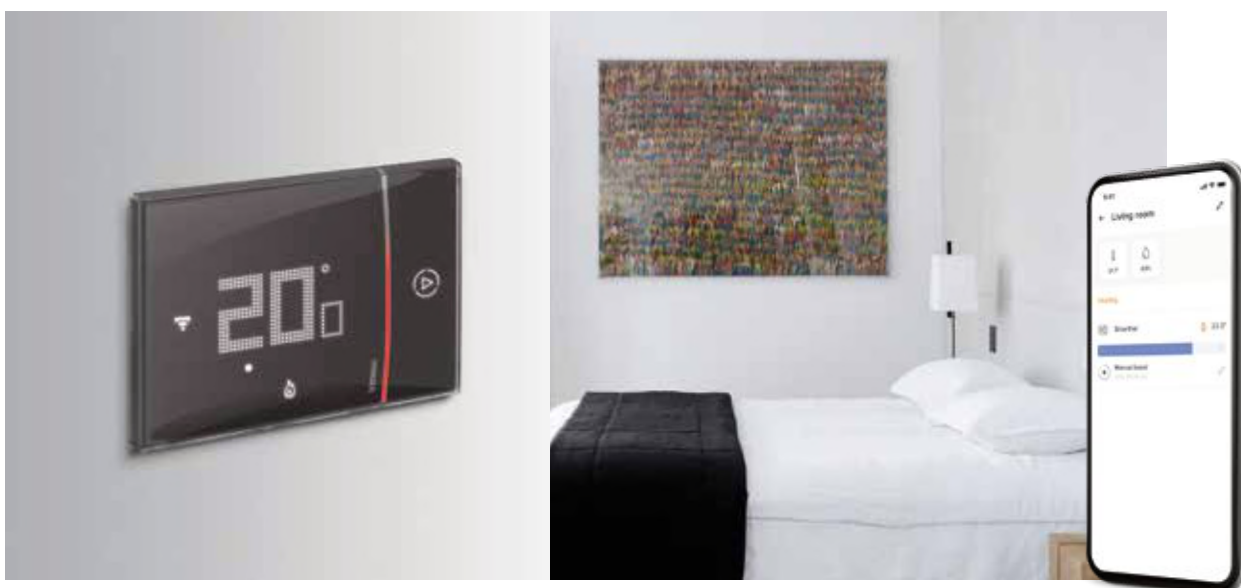
Program the activation of lights, shutters and loads connected to sockets based on your needs. Some examples:

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

Smart electric system

MANAGEMENT OF THE TEMPERATURE

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



LIGHTING AT THE DESIRED LEVEL

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

LOAD CONTROL TO AVOID BLACKOUTS (*)

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



ENERGY CONSUMPTION CONTROL

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



WIRELESS CONTROL

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



ALARM NOTIFICATIONS

You can receive warning notifications on your smartphone.

Note (*): function available by Autumn 2020.

HOME + CONTROL

One single App, many connected advantages



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

The Homepage shows all the system information.



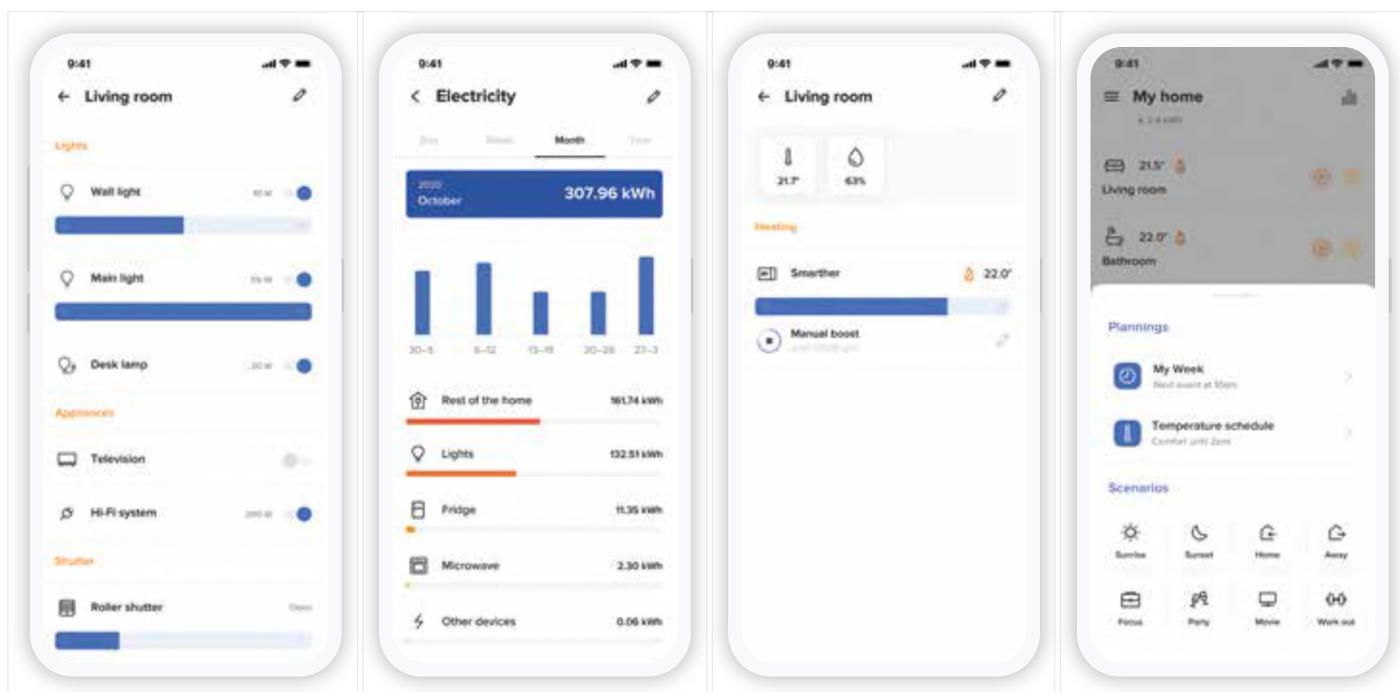
WHAT YOUR CUSTOMER CAN DO:

1. Activate and customise **8 scenarios** (4 preconfigured scenarios, coming in, going out, day, night and 4 scenarios customisable by the user);
2. **Display and check the status of lights, shutters, loads connected to sockets and the room temperature;**
3. **Use the Smarter timer thermostat** simply and intuitively;
4. **Check the total home consumptions.**
5. **Receive notifications** on the load and system status;
6. **Define the load priority** for black-out prevention (function available by Autumn 2020).



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

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



Lights, shutters
and generic loads activations

Consumption
display

Management of the
temperature

Scenario
management

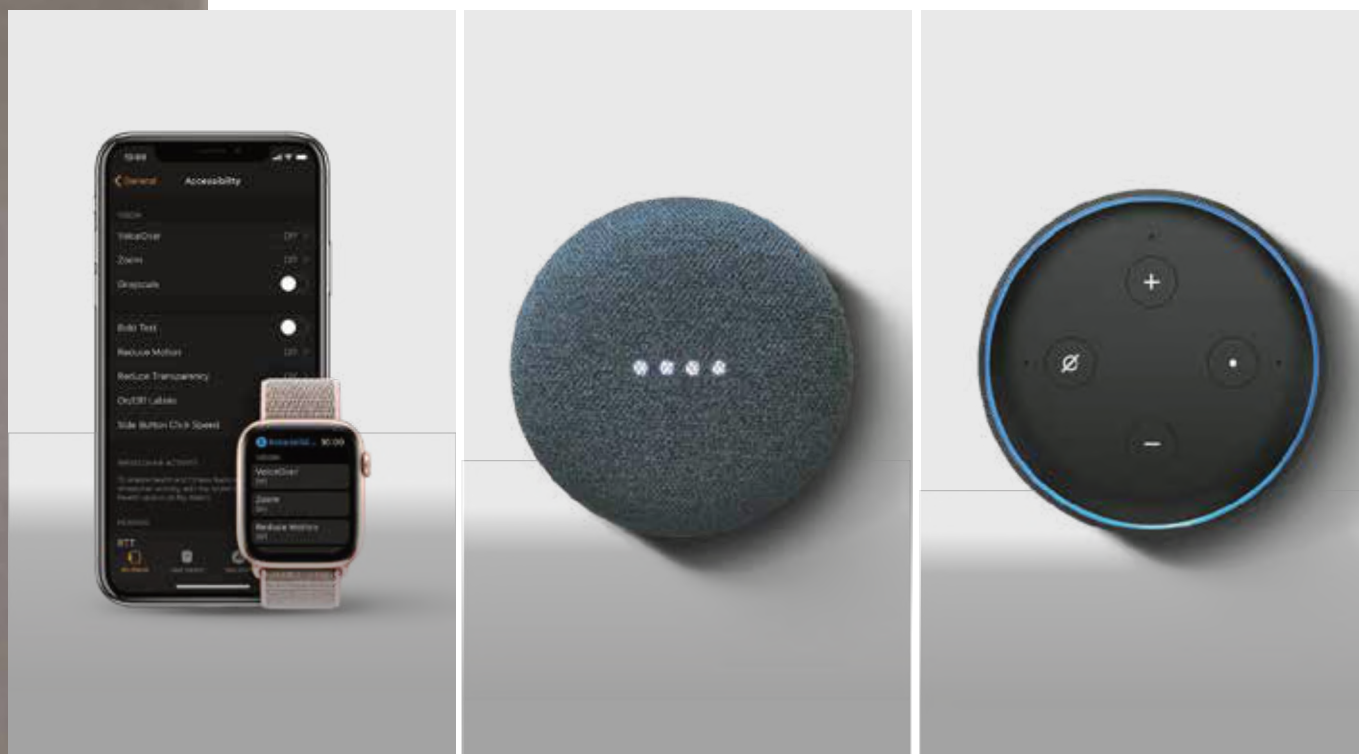
«OK Google,
set Kitchen light to 100%»

YOUR CUSTOMERS CAN ALSO MANAGE THEIR HOME WITH THEIR VOICE

With Living Now with Netatmo, your customer will be able to control the system using Apple, Google and Amazon voice assistants. An extremely useful features, also for those with mobility problems.



Gateway for the connection of the system to the Internet
through the Home Wi-Fi network.



“SIRI, switch the bedroomlight on”,
 “OK Google, switch all the home lights off”,
 “ALEXA, set temperature to 20degrees”.



THE VOICE OF HOME AUTOMATION

VOICE CONTROL: INNOVATIVE DEVICE WITH INTEGRATED AMAZON ALEXA VOICE ASSISTANT

Set each room of your home as you like with a voice control that controls the MyHOME_Up system like never before.



"Alexa, welcome me home"

"Alexa, what will the weather be like tomorrow?"



YOUASK, ALEXA ANSWERS.

Use your voice to activate the home automation functions of your home: lights, shutters, scenarios, favourite music, or ask for any other information.

Note: with the "Welcome me home" scenario, it is possible to activate lights and shutters and disable the burglar alarm.

"Alexa, set the alarm for 7:30"

"Alexa, switch off the lights"

"Alexa, activate the relaxation scenario"

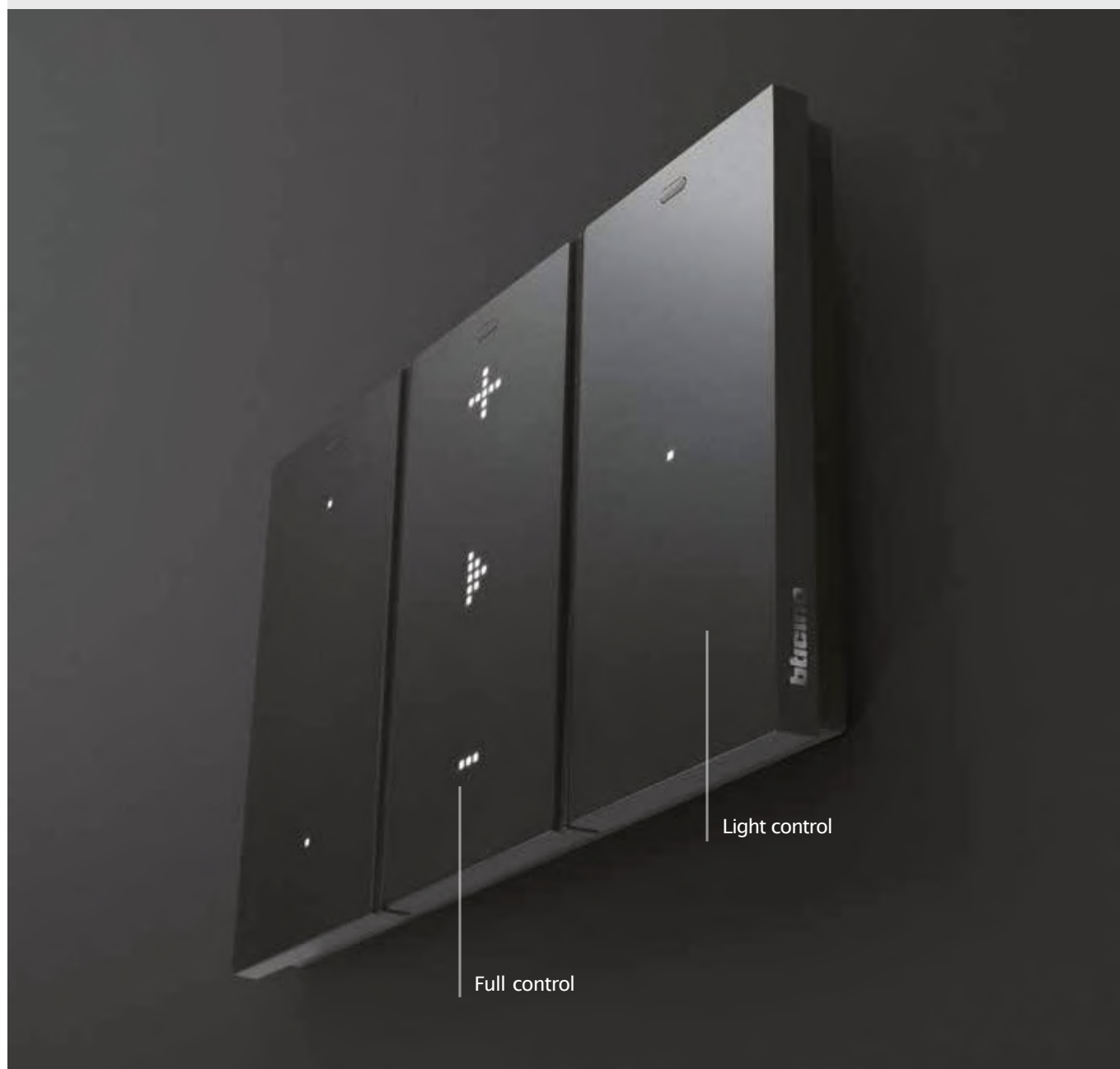


Note: with the "Relax" scenario, it is possible to activate lights and shutters, set a comfort temperature and listen to the preferred music through the NUVO multi-room system.

A NEW WAY TO TOUCH HOME AUTOMATION

LIGHT CONTROLS AND FULL CONTROLS: A MULTISENSORIAL EXPERIENCE

- New touch controls without cover plate
- Customised icons and leds using the app MyHOME_Up
- Light and Full controls expandable to new functions





App Digital Controls

CREATE CUSTOMISABLE FUNCTIONS

The function associated to the control device and the corresponding icon can be changed at any moment, also by the end user, using the app Digital Controls.

FUNCTION MODIFICATION



From dimmer control



To shutter control

FUNCTION EXTENSION



From the control of one light



To the control of two lights



LIGHT CONTROL
To manage the lighting
(1 or 2 lights, group and general)

CHOOSE BETWEEN FULL AND LIGHT CONTROLS

Digital controls for every need.
Two versions, endless customisation to be adapted to life style.

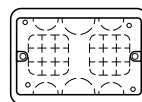


FULL CONTROL
From 1 to 3 light, dimmer, rolling shutter, nuvo audio, load control and scenario.

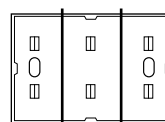
EXTEND THE CONTROL

Expand the system by adding new control devices with a new frame. Without wiring.

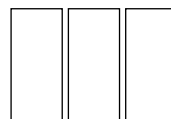
FROM 3 CONTROL DEVICES



503E box

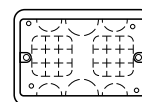


3 module-frame

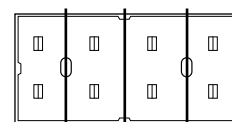


Digital controls

TO 4 CONTROL DEVICES



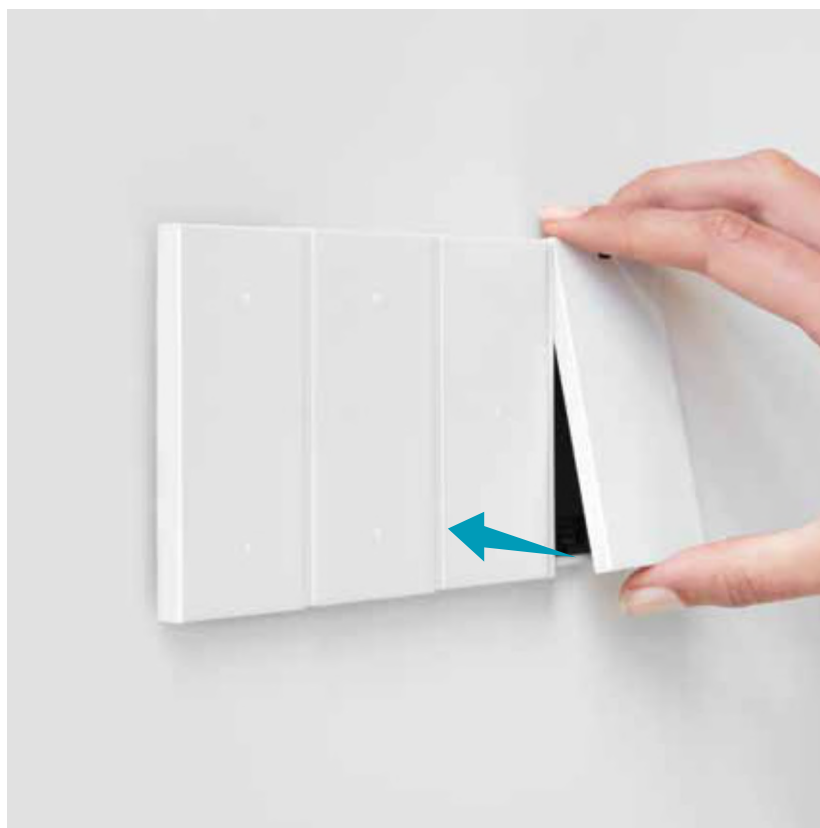
503E box



4 module-frame



Digital controls



MOVE THE POSITION

With a simple operation, it is possible to change the position of a control device, maintaining its function. Without wiring.

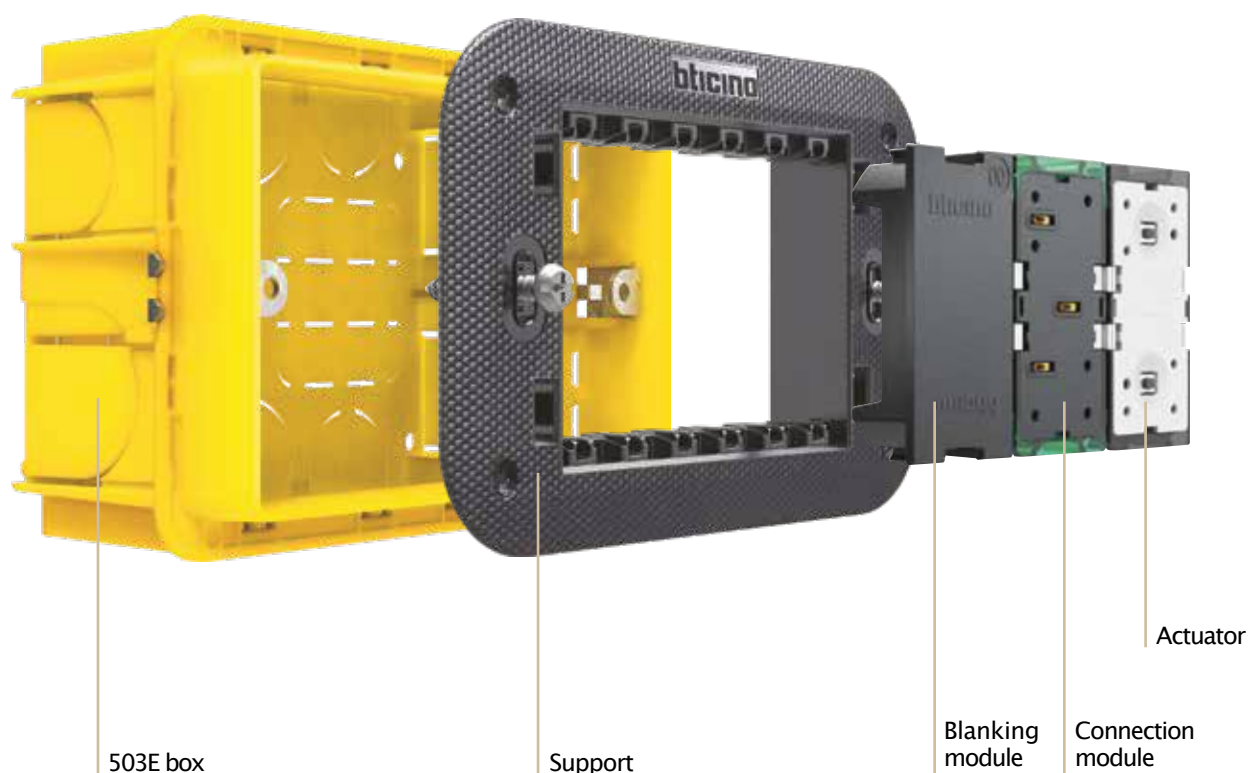


FROM THE LIVING ROOM



TO THE BEDROOM

INSTALLATION OF DIGITAL CONTROLS

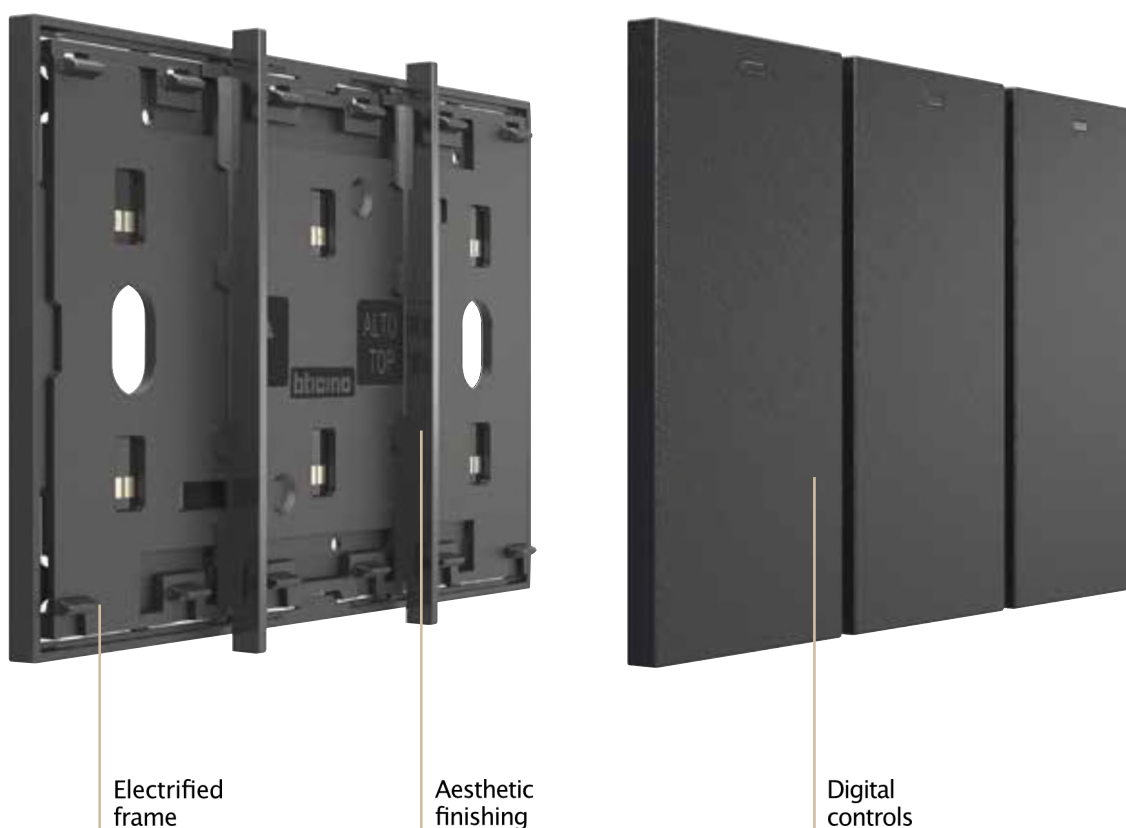


FUNCTIONAL ELEMENTS

INSTALLATION

With reference to the illustration, digital devices are installed in their respective flush mounted box and support, item K470..., using an appropriate "frame" with 27Vd.c. control device power supply contacts.

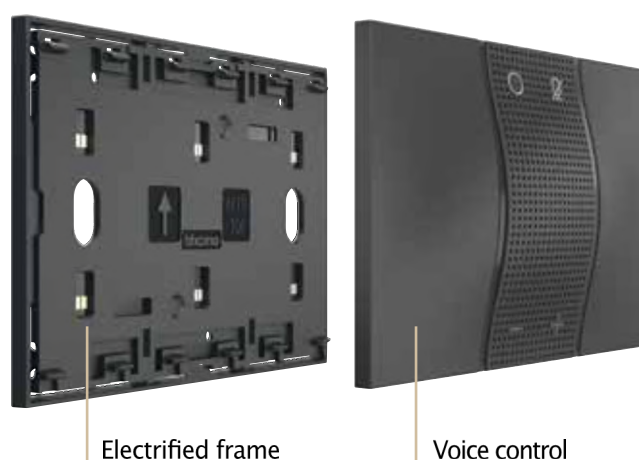
The Module for connection to the system BUS and any flush mounted actuators are installed on the support.



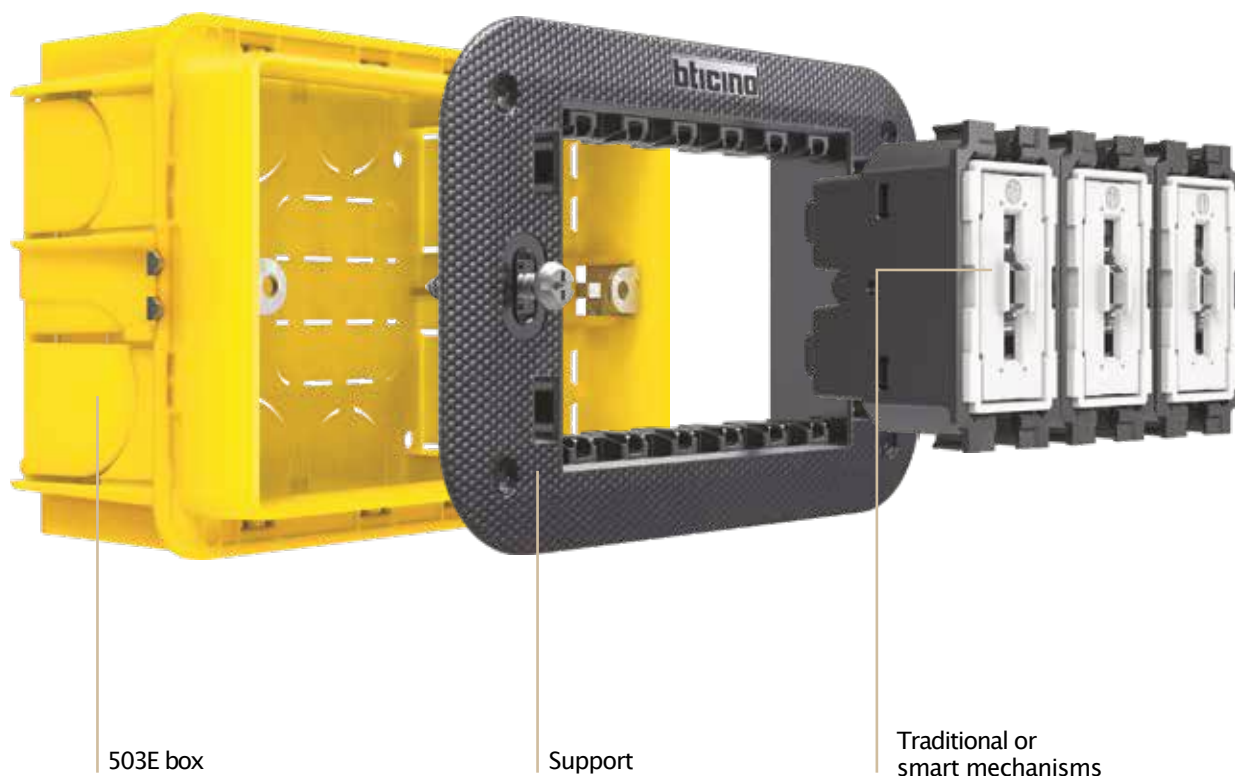
AESTHETIC ELEMENTS

INSTALLATION OF VOICE CONTROL

This operation is completed in a similar way as the installation of digital controls, but it requires the removal of the two vertical finishing elements from the electrified frame.



ALWAYS PERFECT INSTALLATION



FUNCTIONAL ELEMENTS

STANDARD INSTALLATION

Both in case of **traditional** and **connected devices**, installation is always standard, with the following characteristics:

- traditional wiring;
- flush mounted or plasterboard boxes, typically 2 to 6 modules;;
- no configuration required.

YOUR WORK DOES NOT CHANGE, BUT IS MADE EASIER

The rules and procedures for the installation of the electric system don't change. Moreover, with the installation of the aesthetic components at the end of the works, you will hand to your customer a perfect and perfectly looking system.



AESTHETIC ELEMENTS

SITE ACTIVITYSEQUENCE

- Install the system, fully working, but without aesthetic elements (cover plates and covers)
- Protect the light point using the protective shell (supplied with the support))
- After completing all the works (including the painting of the walls), install the cover plates and the covers

MORE ADVANTAGES

- When repainting the walls in the future, the customer will be able to easily remove the light point aesthetic components, cover plates and covers, and just as easily replace them on completion of the works
- After a few years the customer decides to change light points?
It is possible to simply change the covers, without touching the mechanisms

Living Now



MyHOME_Up system



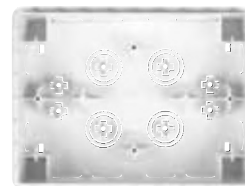
MYHOMESERVER1



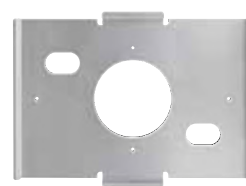
3488



3488W



3487



3487AP

Item	Control server using the app
○ MYHOMESERVER1	 Server to associate devices during the system starting-up and for the local and remote management of the functions by the user with the specific MyHOME_Up application for Android and iOS smartphones or tablets.

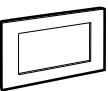
○ MHSERVERKIT	MyHOMEserver1 KIT  Kit containing MyHOMEserver1 and Access Point for communication between the MyHOME_Up system to which it is connected, and a smartphone or tablet where the MyHome-Up App is installed.
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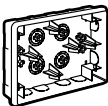
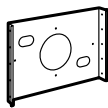
Note: For the details of the products managed by MyHome_Up and the compatible products, see the corresponding guide.

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

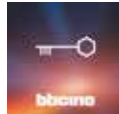
○ F459	Driver manager  Integration platform with other brand systems -6 DIN modules
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Contact the BTicino System Integration Service to check the feasibility of specific integrations and to request the licence needed to use the Driver manager (Toll free number 800.837035)

○ 3488W ○ 3488	HOMETOUCH -Touch screen 7"  HOMETOUCH -Touch Screen 7" for the management of all MyHOME_Up functions, that can be integrated with the video door entry system and with indoor and outdoor Netatmo cameras, to be used as connected internal unit. To use the home automation functions, configuration is not necessary. It is possible to display the MyHOME_Up system status and control the integrated functions (lights, automation, scenarios, burglar alarm, temperature management, Nuvo music system, ...). Thanks to the "DOOR ENTRY for HOMETOUCH" application, available both for Android and iOS operating systems, it is also possible to manage the video door entry functions of a BTicino 2 wires system using the 7" capacitive display or the Smartphone. Flush mounted installation with box for masonry walls (item 3487) or wall mounted installation with the supplied metal bracket. Available in tech grey and in white.
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○ 3487	Box for flush mounted installation  Box for flush mounted installation of the HOMETOUCH Touchscreen item 3488 and 3488W. Width 197 mm, height 148 mm and depth 52 mm.
○ 3487AP	 Support for flush mounted installation on plasterboard walls of the HOMETOUCH Touchscreen item 3488 and 3488W.

App DOOR ENTRY for HOMETOUCH



This allows the user to manage the video internal unit calls locally and remotely using the smartphone or with a simple touch open the gate, activate the cameras and the video door entry answering machine.

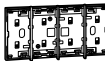
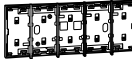
App MyHOME_Up

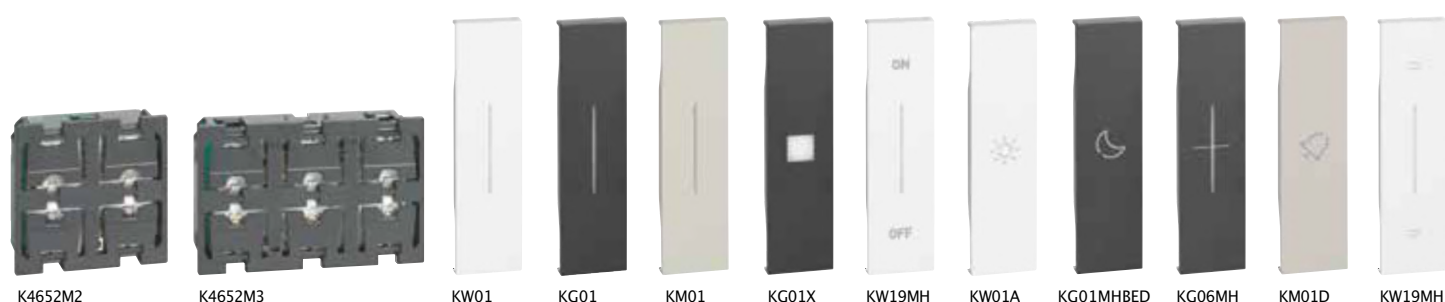


Mobile device App that allows:
 -the installer, thanks to a self-learning procedure, to easily associate the devices together when starting up the system;
 -the user to manage his home home-automation wherever he is.





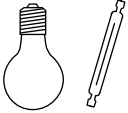
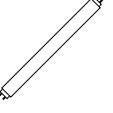
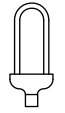
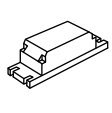
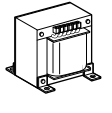
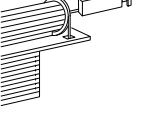
Item	Voice control	Item	Blanking module
KW8013 KG8013 KM8013	 Amazon Alexa digital control device with voice assistant, including two touch controls for lighting management. 27 Vd.c. power supply from BUS through connection module item KW8001 or additional power supply unit, item K8003 -3 modules	KW8100 KG8100 KM8100	 Cover for blanking module art. K4950 -1 module
○ K8003	Power supply  Connection module with additional power supply dedicated to Voice control Alexa built-in item KW/KG/KM8013 -2 modules	KW8102P1 KG8102P1 KM8102P1	Electrified frame for 2 module box  Electrified frame with intermediate control separators (removable). For the installation of up to 3 digital controls or covers, item KW/KG/KM8100 in 2-module box with support K8102
KW8010 KG8010 KM8010	Light control  Touch control for the management of ON/OFF light functions. One single control can manage from 1 to 2 functions between single lights, light groups or general lights. -1 module	○ K8102	Support for the 2-module box  Support for the installation of the electrified frame item KW/KG/KM8102P1 in 2 module box.
KW8011 KG8011 KM8011	Full control  Touch control for the management from 1 to 3 functions between: lights on/off, load control, dimmer, shutters up/down with or without preset, NUVO Player and scenarios. It can also be used as group or general control. It has on-board proximity sensor that allows the display of function icons/symbols when approaching the control -1 module	KW8103 KG8103 KM8103	Electrified frames for 3 and 4 module boxes  Electrified frame with intermediate control separators (removable). For the installation of up to 3 digital controls or covers, item KW/KG/KM8100 in 3-module box with support K4703
○ K8002L	ON/OFF actuators for lights and for shutters  Flush-mounted actuator with 2 independent and neutral relays for "zero crossing" function- single or double 230 VA loads -1 module	KW8103P1 KG8103P1 KM8103P1	 Electrified frame with intermediate control separators (removable). For the installation of up to 4 digital controls or covers, item KW/KG/KM8100 in 3-module box with support K4703
○ K8002S	 Flush-mounted shutter actuator with 2 independent relays. It allows the management of a specific shutter position. Through the control KW/KG/KM8011, together with the UP/DOWN function monostable and bistable, the actuator also places the shutter in a stored (PRESET) position -1 module	KW8104 KG8104 KM8104	 Electrified frame with intermediate control separators (removable). For the installation of up to 4 digital controls or covers, item KW/KG/KM8100 in 4-module box with support K4704
○ K8001	Connection modules  Device for the power supply of controls and actuators through electrified frame item KW/KG/KM8103 KW/KG/KM8103P1 KW/KG/KM8104 KW/KG/KM8104P1 KW/KG/KM8102P1	KW8104P1 KG8104P1 KM8104P1	 Electrified frame with intermediate control separators (removable). For the installation of up to 5 digital controls or covers, item KW/KG/KM8100 in 4-module box with support K4704



Devices to be completed with appropriate cover as indicated below

Item	Control devices	Item	Contact interface
○ K4652M2	 Control for the management of one or two ON/OFF functions, the shutter UP/DOWN function and the adjustment of a dimmer load. It can also be used as scenario control and for the call to the floor, staircase light switching on and door lock activation functions. It manages advanced shutter functions. -2 modules. To be completed with 1 or 2-module covers.	○ 3477	 Basic module control interface with 2 independent contacts for the control of 2 actuators for single function loads, or 1 actuator for double function loads (shutters) -the inputs accepts two traditional switches or pushbuttons with NO and NC contact, or a traditional two-wayswitch, or interlocked pushbuttons.
○ K4652M3	 Control for the management of up to three separate functions as described above -3 modules. To be completed with 1 or 2-module covers.	○ F428	 As above -2 DIN modules
○ K4672M2L	 Actuator/control for lights and generic loads Actuator/control with 2 independent relays for single or double loads: The device can be also configured to manage a remote actuator with the same functions of the K4652M2 and K4652M3 controls -2 modules. To be completed with 1 or 2-module covers.	KW01 KG01 KM01 KW01X KG01X KM01X	Cover without symbols 1 module  Lightable cover for item K4652M2, K4652M3 and K4672M2L  Lightable cover high brightness for item K4652M2, K4652M3 and K4672M2L
○ K4672M2S	 Actuator/control for shutter Shutter actuator with 2 internal relay 2 A 250 VA. In addition to the monostable and bistable UP/DOWN function, the actuator also places the rolling shutter in a stored (PRESET) position. The device can be also configured to manage a remote actuator -2 modules. To be completed with 1 or 2-module covers.	KW01MH2 KG01MH2 KM01MH2 KW01MH2X KG01MH2X KM01MH2X	2 modules  Lightable cover for item K4652M2 and K4672M2L  Lightable cover high brightness for item K4652M2 and K4672M2L

LOADS THAT CAN BE DRIVEN (230 VA 50/60Hz)

Actuators	Type						
							
	Energy saving incandescence and halogen lamps	LED lamps	Linear fluorescent lamps ¹⁾	Compact fluorescent lamps	Electronic transformers ³⁾	Ferromagnetic transformers ^{2) 3)}	Reducer motors for shutters ⁴⁾
K4672M2L	1380 W	250 W Max 2 lamps	250 VA	250 W Max 2 lamps	460 W	460 VA	460 W
K4672M2S	-	-	-	-	-	-	2 A 250 Va.c.

Notes:

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

□ White colour cover

■ Black colour cover

□ Sand colour cover

○ Neutral item (without cover)

Items in red colour: New products



Devices to be completed with appropriate cover as indicated below

Item	Cover with symbols	Item	Cover with symbols
	1 module Lightable cover for item K4652M2, K4652M3 and K4672M2L		2 modules Lightable cover for item K4652M2 and K4672M2L
KW01MHAG KG01MHAG KM01MHAG	 ON/OFFfunction silk-screen printing	KW01MH2AG KG01MH2AG KM01MH2AG	 ON/OFFfunction silk-screen printing
KW19MH KG19MH KM19MH	 --+ and --silk-screen printing for dimmer	KW19MH2 KG19MH2 KM19MH2	 --+ and --silk-screen printing for dimmer
KW01A KG01A KM01A	 LIGHT/WAKE UP symbol	KW01MH2A KG01MH2A KM01MH2A	 LIGHT/WAKE UP symbol
KW01MHBED KG01MHBED KM01MHBED	 BED symbol	KW01MH2BED KG01MH2BED KM01MH2BED	 BED symbol
KW01MHGEN KG01MHGEN KM01MHGEN	 GOING OUT symbol	KW01MH2GEN KG01MH2GEN KM01MH2GEN	 GOING OUT symbol
KW01MHBACK KG01MHBACK KM01MHBACK	 COMING IN symbol	KW01MH2BACK KG01MH2BACK KM01MH2BACK	 COMING IN symbol
KW01D KG01D KM01D	 BELL symbol	KW01MH2D KG01MH2D KM01MH2D	 BELL symbol
KW01F KG01F KM01F	 KEY symbol	KW01MH2F KG01MH2F KM01MH2F	 KEY symbol
	Lightable cover for item K4652M2, K4652M3 and K4672M2S		Lightable cover for item K4652M2 and K4672M2S
KW05 KG05 KM05	 UP/DOWN silk-screen printing for shutters	KW05MH2 KG05MH2 KM05MH2	 UP/DOWN silk-screen printing
KW06MH KG06MH KM06MH	 STOP symbol silk-screen printing for shutters		

□ White colour cover

■ Black colour cover

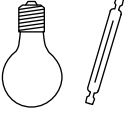
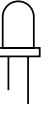
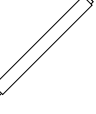
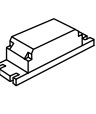
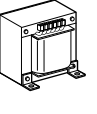
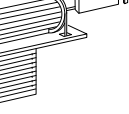
□ Sand colour cover

○ Neutral item (without cover)

Items in red colour: New products



Item	Light control/actuator	Item	Actuators for centralisations
○ 3476	 1 relay actuator –for single loads: 2 A resistive or incandescence lamps, 2 A cosφ 0.5 for ferromagnetic transformers –a traditional pushbutton with NO contact accepted in input	○ BMSW1003	 ON/OFF actuator, 4 independent outputs with maximum load 16 A at 230 V a.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbuttons for load direct control –zero-crossing function –6 DIN modules
○ F411U2	 Actuators for centralisations Actuator with 2 independent relays – for single and double loads: 10 A resistive and 6 A incandescence lamps, 500 W for reducer motors, 2 A cosφ 0.5 for ferromagnetic transformers and 250 W for fluorescent lamps –logic relay interlock via configuration –it has “Zero crossing” technology –2 DIN modules	○ BMSW1005	 ON/OFF actuator, “Zero Crossing” technology, 8 independent outputs with maximum load 16 A at 230 V a.c., clamp connection, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbuttons for load direct control –10 DIN modules
○ F411/4	 Actuator with 4 independent relays –for single, double or mixed loads: 2 A resistive, 2 A incandescence lamps, 500 W for reducer motors, 2 A cosφ 0.5 for ferromagnetic transformers and 70 W for fluorescent lamps – logic relay interlock via configuration –2 DIN modules	○ F401	 Actuator with 2 internal relays and 4 pushbuttons. In addition to monostable and bistable UP/DOWN operation, the actuator also places the shutter in a stored (PRESET) position –2 DIN modules

LOADS THAT CAN BE DRIVEN (250 VA 50/60Hz)							
Actuators	Type						
							
	Energy saving incandescence and halogen lamps	LED lamps	Linear fluorescent lamps ¹⁾	Compact fluorescent lamps	Electronic transformers ³⁾	Ferromagnetic transformers ^{2) 3)}	Reducer motors for shutters ⁴⁾
3476	2 A 460 W	40 W Max 1 lamp	– –	40 W Max 1 lamp	– –	2 A cosφ 0,5 460 VA	– –
F411U2	10 A 1380 W	250 W Max 4 lamps	4 A 230 W	250 W Max 4 lamps	4 A 230 W	4 A cosφ 0,5 460 VA	2 A 460 W
F411/4	2 A 460 W	70 W Max 2 lamps	0.3 A 70 W	70 W Max 2 lamps	0.3 A 70 W	2 A cosφ 0,5 460 VA	2 A 460 W
BMSW1003	16 A 3680 W	2.1 A 500 VA	10 X (2 X 36 W) 4.3 A	1150 W 5 A	16 A 3680 W	16 A 3680 W	– –
BMSW1005	16 A 3680 W	2.1 A 500 VA	4.3 A 10X2X36 W	5 A 1150 VA	16 A 3680 W	16 A 3680 W	– –
F401							2 A 250 V a.c.

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

□ White colour cover

■ Black colour cover

□ Sand colour cover

○ Neutral item (without cover)

Items in red colour: New products



Living Now MyHOME_Up

dimmer actuators for lights, shutters and different loads



F413N



BMDI1002



F429



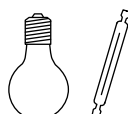
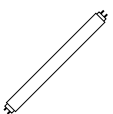
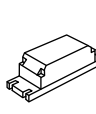
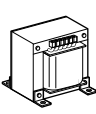
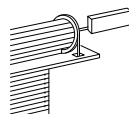
F416U1



F418U2

Item	Dimmers for centralisations	Item	Multi-load dimmers for centralisations
○ F413N	 1-output dimmer to supply fluorescent lamps or LED sources with input 1-10V for single loads up to 2.5 A at 230 V a.c. – type of screw connection – power supply 27 V d.c. – absorption 30 mA – max 10 ballast that can be connected (clamps 1-2) – with pushbutton for load direct control – version for fastening on DIN rail – 2 modules	○ F416U1	 Multi-load dimmer, 1 output with maximum load 4.3 A at 230 V a.c., clamp connection and RJ45, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbutton for load direct control – 6 DIN modules
○ BMDI1002	 1/10V dimmer, “Zero Crossing” technology, 4 outputs with maximum load 4.3 A at 230 V a.c., clamp connection, IP20 protection index, power supply 100/240 V a.c. 50/60 Hz, pushbuttons for load direct control – 10 DIN modules	○ F418U2	 Two-channel dimmer for the management of dimmer LEDs, dimmer compact fluorescent lamps (CFL), energy saving halogen lamps and electronic transformers at 110-230V. Possibility of parallelisation of the two channels to increase the maximum power which can be managed. power supply 27 V d.c., absorption 18 mA – version for fastening on DIN rail – 4 modules
○ F429	 DALI dimmer with 8 independent outputs for the connection of up to 16 DALI reactors for each output – 230 V a.c. power supply 50/60 Hz; 110-240 V d.c. – absorption 5 mA – with pushbutton for load direct control – version for fastening on DIN rail – 6 modules		

LOADS THAT CAN BE DRIVEN (230 VA 50/60 HZ)

Actuators	Type						
							
	Energy saving incandescent and halogen lamps	LED lamps	Linear fluorescent lamps ¹⁾	Compact fluorescent lamps	Electronic transformers ³⁾	Ferromagnetic transformers ^{2) 3)}	Reducer motors for shutters ⁴⁾
BMDI1002	Dimmer for ballast – 4 x 4.3 A outputs – 4x 1000VA@ 230 Vac – 4x500VA@ 230 Vac						
F413N	–	–	2 A 460 W ⁵⁾ Max 10 ballast, type T5, T8, compact or driver for LED	–	–	–	–
F414	0.25 – 4.3 A 60 – 1000 VA	–	–	–	–	0.25 – 4.3 A 60 – 1000 VA	–
F416U1	4.3 A 40 – 1000 W	–	–	–	4.3 A 40 – 1000 W	4.3 A 40 – 1000 W	–
F418U2	2x300 W	2x300 VA	–	2x300 VA	2x300 VA	2x300 VA	–
F429	SCS/DALI dimmer interface – 8 x 16 ballast						

Notes:

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

□ White colour cover

■ Black colour cover

□ Sand colour cover

○ Neutral item (without cover)

Items in red colour: New products



Devices to be completed with appropriate cover as indicated below

Item	Lighting/movement sensors	Item	PIR passive infrared sensors
○ BMSE3001	passive infrared SCS sensor for the detection of movement and the lighting level. Ceiling flush mounted installation using springs or installation boxes; surface installation using surface installation box, item 048875; IP20 protection index; RJ45 clamp connection; 8 m (50 m2) diameter coverage area for a 2.5 m installation height, maximum installation height 6 m; 27 V d.c. power supply from bus, absorption 12 mA; regulation with basic/advanced remote control (BMSO4003 and BMSO4001) or through configuration software, of the lighting level, from 5 to 1275 LUX, of the time delay, from 30 s to 255 h, and of the main operating parameters; Push&Learn pushbutton	○ K4659	Green Switch: passive IR (PIR) sensor, suitable for the detection of presence in transit areas (corridors, toilets, service rooms). Operating mode (automatic or manual), time delay (5 s to 59 min), and brightness threshold (20 to 1275 LUX) settable using the advanced/basic (BMSO4001/BMSO4003) configuration remote control; physical or virtual configuration. -2 modules
○ BMSE3003	Double technology SCS sensor: passive infrared for the detection of presence and the lighting level. Ceiling flush mounted installation using springs or installation boxes; surface installation using surface installation box, item 048875; IP20 protection index; RJ45 clamp connection; 8 m diameter (50 m2) infrared coverage area for a 2.5 m installation height, 11 mm diameter (95 m2) ultrasound coverage area for a 2.5 m installation height, maximum installation height 6 m; 27 V d.c. power supply from BUS, absorption 17 mA; regulation with basic/advanced remote control (BMSO4003 and BMSO4001), or through configuration software, of the lighting level, from 5 to 1275 LUX, of the delay, from 30 s to 255 h, and of the main operating parameters; Push&Learn pushbutton	KW17 KG17 KM17	Cover for K4659 White Black Sand
○ 048834	IP55 passive IR (PIR) movement sensor, suitable for the detection of movement in outdoor or indoor transit areas (corridors, cellars, garage paths). Coverage area: 140° x 15m at 2.5m high. Operating mode (automatic or manual), time delay (5 s to 59 min), and brightness threshold (20 to 1275 LUX) settable using the advanced/basic (BMSO4001/BMSO4003) configuration remote control; physical or virtual configuration. Wall or angular installation by means of accessory item 048971	○ BMSO4001	Configuration remote controls The advanced configuration remote control, with IR transmitter and receiver, adjusts the main operating parameters of: Switch Sensor, Green Switch and SCS compatible sensors. With display for the acquisition of the parameters set on the sensors and to modify them. Batteries charged by USB miniport. ○ BMSO4003 The basic configuration remote control, with IR transmitter, adjusts the main operating parameters of: Switch Sensor, Green Switch and SCS compatible sensors. Modification of parameters only possible for preset values, battery recharge not available
		○ 048875	Installation accessories Ceiling mounted box compatible with the sensors: BMSE3001 and BMSE3003, IP20 protection index, dimensions Ø 100 x 50 mm ○ 048971 Angle installation accessory, compatible with the 048834 accessory, IP42 protection index, dimensions (h x l x d) 115 x 75 x 40 mm

FEATURES OF THE LIGHTING/MOVEMENT SENSORS

SCS sensors	048834	BMSE3001	BMSE3003
Installation	wall mounted	ceiling flush mounted	
Type of operation	AUTO/ECO/WALKTHROUGH	AUTO/ECO/WALKTHROUGH	
Sensor technology	PIR	PIR	PIR+US
Power supply	27 V d.c. from Bus	27 V d.c. from Bus	
Protection index	IP55	IP20	
Coverage area at 2.5 m	15 m x 6 m	Ø 8 m	Ø 11 m
Coverage angles (v/h)	45°/140°	90°/360°	
Lighting level	5 lux - 1275 lux	5 lux - 1275 lux	
Switching off delay	5 s - 59 min - 59 h	30 s - 255 h - 59 min - 59 sec	
Factory adjustments	300 lux - 15 min	300 lux - 15 min	
Connection type	SCS clamp	RJ45 connector	

□ White colour cover

■ Black colour cover

□ Sand colour cover

○ Neutral item (without cover)

Items in red colour: New products



KW4691



KG4691



KM4691



3454



F430/2



F430R8



F430V10

Devices to be completed with appropriate cover as indicated below

Item	Thermostat
	Probe with backlit display that controls the temperature of an individual zone. It features an input for the connection of a contact line (e.g. window contact). It can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used. Possibility of automatic operation (summer/winter), with compatible systems –2 modules
KW4691	White
KG4691	Black
KM4691	Sand

Item	Probe without display
○ 3454	 Temperature probe in basic module with wired sensor –to be associated to the temperature sensor item 3457 and Vantage probe item 8051

Item	Accessories
○ 3457	 Temperature probe to be associated to the probe item 3454

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



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

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

Item	Accessories
○ 3508BUS	 removable clamp for BUS connection – width 3.81 mm
○ 3508U2	 removable clamp 2 poles
○ 3508U3	 removable clamp 3 poles

Item	Power supplies
○ E56	 Power supply – input 127 Va.c. output 27 Vd.c. SELV – maximum absorbed current 450mA – installation on DIN profile for flush mounted or wall-mounted switchboards – 8 DIN modules
○ E49	 Compact power supply – input 230 Va.c. – output 27 Vd.c. Maximum current delivered 600 mA – 2 DIN modules.

Item	Various accessories
○ 3515	 spare removable clamp

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

System	Cable	
	L4669 - L4669/500 L4669KM1 - 336905	336904
Automation	•	•(1)
Energy Management/Consumption Display	•	•(1)
Temperature control	•	•(1)
Video door entry system		•

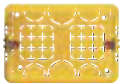
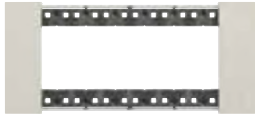
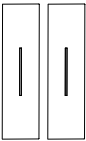
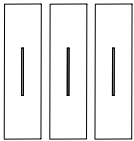
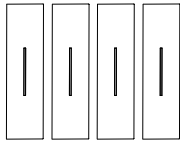
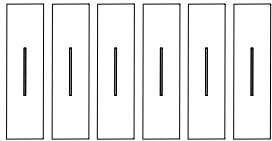
NOTE (1): for systems underground cable sections

Living Now

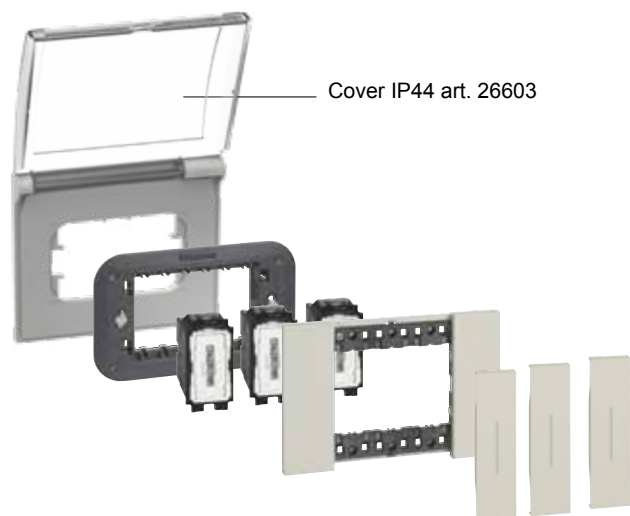


INSTALLATION AND COVER PLATE RANGE

SELECTION TABLE

	2 modules	3 modules	4 modules	6 modules
Flush mounted boxes	 502E (70x70x50 mm)	 503E (108x74x53.5 mm)	 504E (133x74x53.5 mm)	 506L (183.5x90x53.5 mm)
Plasterboard boxes	 PB502N (Ø 71x50.5 mm)	 PB503N (110x71x52 mm)	 PB504N (132.5x71x52 mm)	 PB506N (183x71x52 mm)
Supports	 K4702 (*)	 K4703 with screws	 K4704 with screw	 K4706 with screw
No. of function modules	 2 modules	 3 modules	 4 modules	 6 modules
Living Now cover plates	 KA4802...	 KA4803...	 KA4804...	 KA4806...
No. of 1-module covers required for the completion of the light point	 2 covers	 3 covers	 4 covers	 6 covers

* Note: supplied without screws. Fastening using the screws supplied with boxes 502E and PB502N.

PROTECTED INSTALLATIONS


Cover IP44 art. 26603



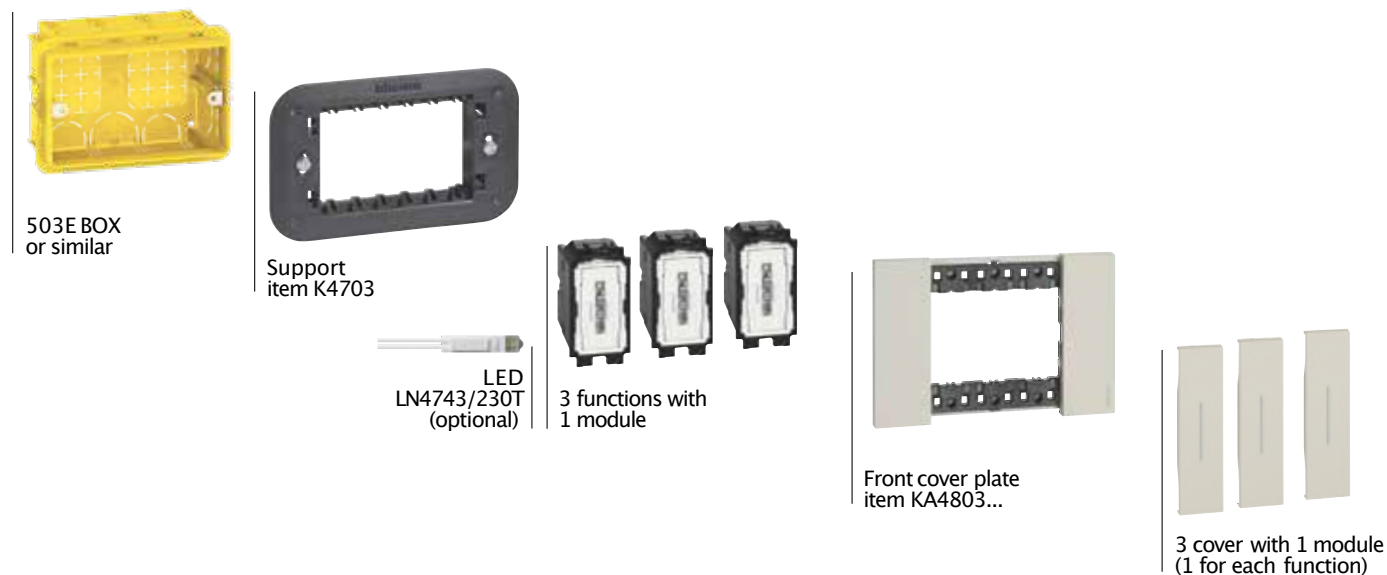
- Note: protective shell supplied with supports, available in all modularities.

To be used:

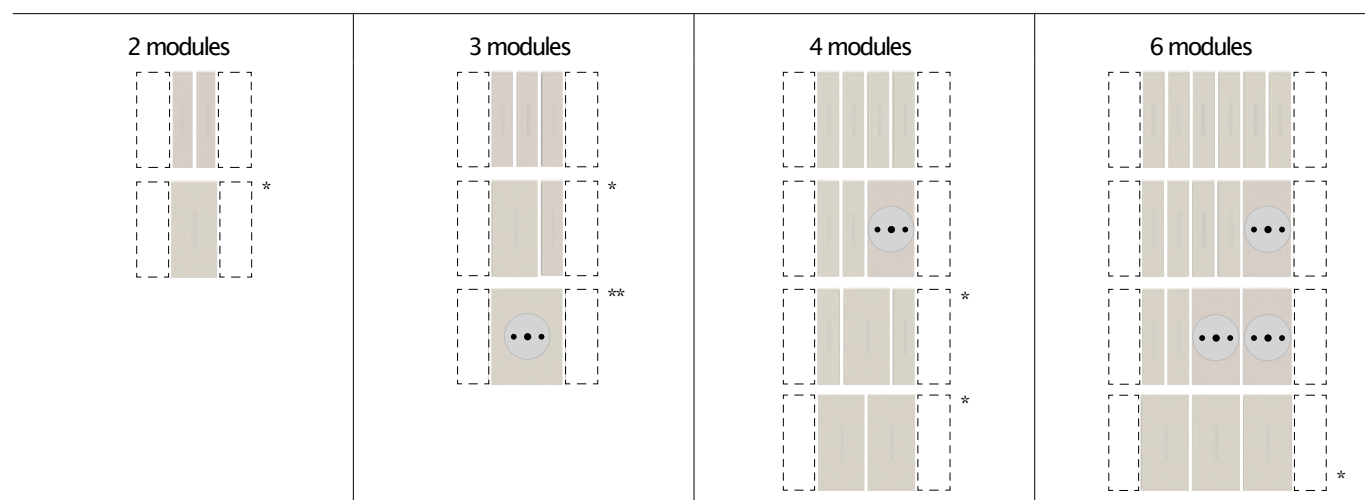
- at the site, before the installation of cover plates and covers
- after removing cover plates and covers when painting the walls

Living Now installation examples

EXAMPLE OF INSTALLATION OF THE LIGHT POINT WITH 1-MODULE COVER

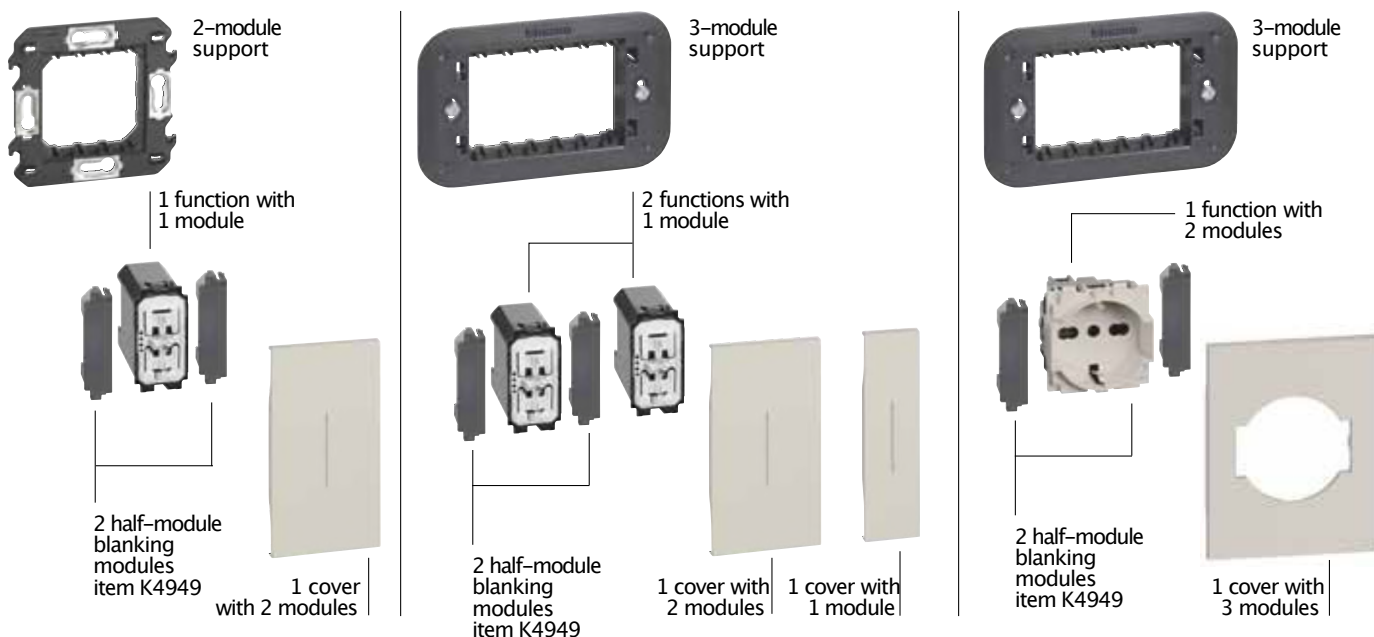


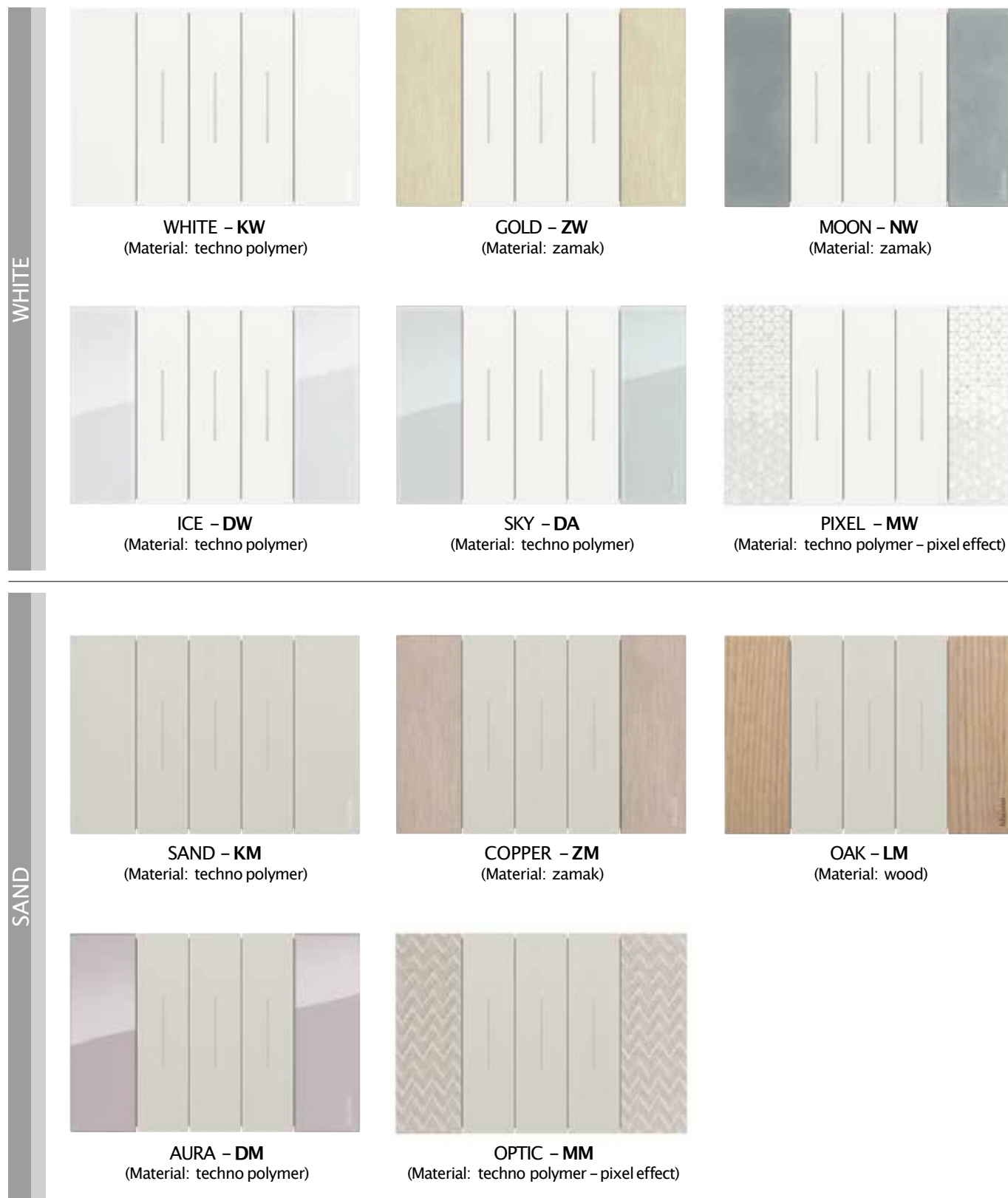
EXAMPLE OF LIGHT POINT COMPOSITION



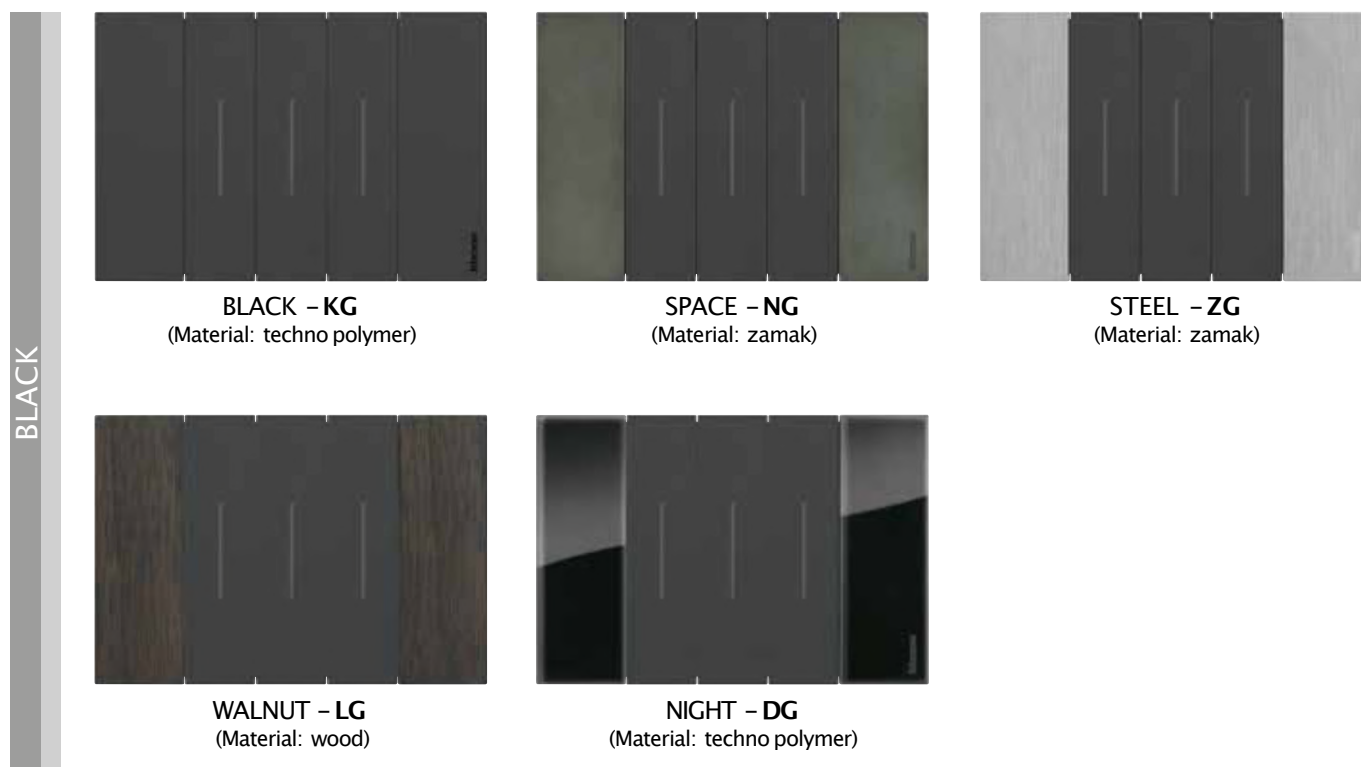
* Note: for solutions using one 2-module cover for the main controls, it will be necessary to use two "half-module blanking modules" (item K4949) at the sides of the control. (see the sample diagrams below)

** German standard socket centred on 3-module light point




Notes:

- The cover plate/cover combinations shown in these pages are purely indicative. Each cover plate can in fact be combined with covers of any colours, as required by the customer (white, sand and black).
- The zamak and wood finishes are obtained using non-mass production procedures. The differences among the various cover plates are therefore a distinguishing valuable element.



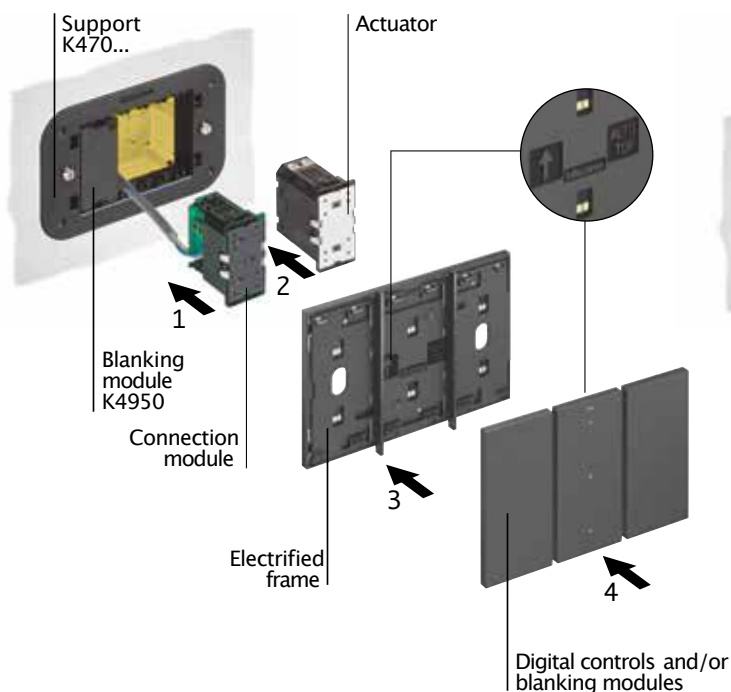
SELECTION TABLE

Finish	 2 modules	 3 modules	 4 modules	 6 modules
 WHITE	KA4802KW	KA4803KW	KA4804KW	KA4806KW
 GOLD	KA4802ZW	KA4803ZW	KA4804ZW	KA4806ZW
 MOON	KA4802NW	KA4803NW	KA4804NW	KA4806NW
 ICE	KA4802DW	KA4803DW	KA4804DW	KA4806DW
 SKY	KA4802DA	KA4803DA	KA4804DA	KA4806DA
 PIXEL	KA4802MW	KA4803MW	KA4804MW	KA4806MW
 SAND	KA4802KM	KA4803KM	KA4804KM	KA4806KM
 COPPER	KA4802ZM	KA4803ZM	KA4804ZM	KA4806ZM
 OAK	KA4802LM	KA4803LM	KA4804LM	KA4806LM
 AURA	KA4802DM	KA4803DM	KA4804DM	KA4806DM
 OPTIC	KA4802MM	KA4803MM	KA4804MM	KA4806MM
 BLACK	KA4802KG	KA4803KG	KA4804KG	KA4806KG
 SPACE	KA4802NG	KA4803NG	KA4804NG	KA4806NG
 STEEL	KA4802ZG	KA4803ZG	KA4804ZG	KA4806ZG
 WALNUT	KA4802LG	KA4803LG	KA4804LG	KA4806LG
 NIGHT	KA4802DG	KA4803DG	KA4804DG	KA4806DG
Supports	 K4702	 K4703	 K4704	 K4706

Items in red colour: New products

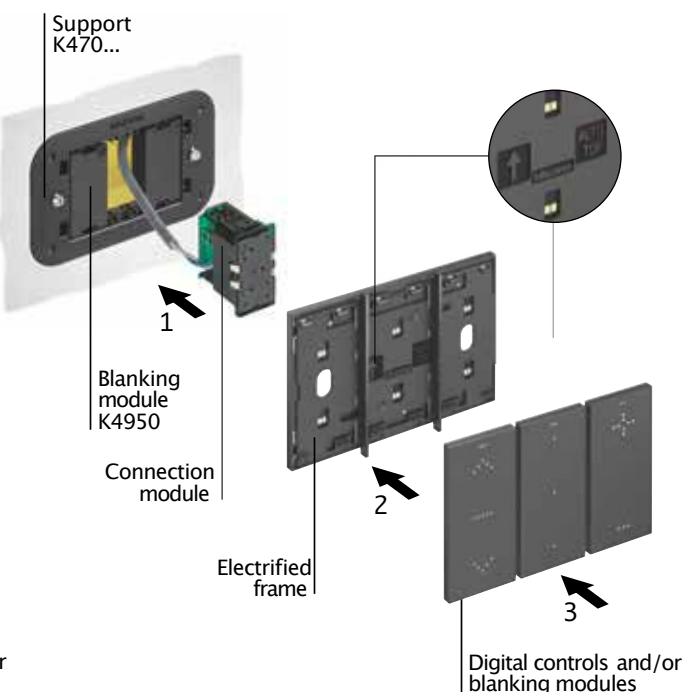
INSTALLATION EXAMPLE OF THE DIGITAL CONTROLS

Installation with flush-mounted actuator



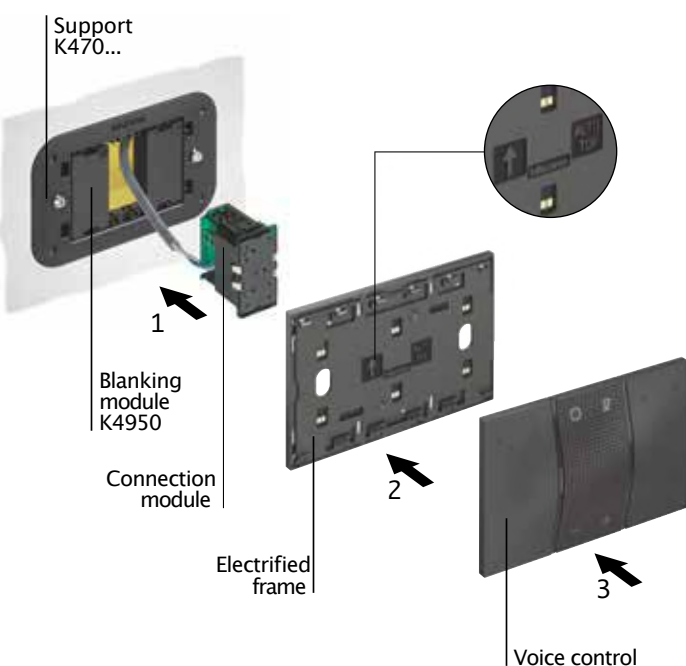
Use in conjunction with the connection module, or another actuator, to take up the power voltage.

Installation with actuator in DIN switchboard



At the side of the connection module, install 2 false poles, item K4950, in any position.

Installation of the voice control



Remove the finishing bars from the electrified frame. When installing power supply item K8003, connection module item K8001 must not be used.

XL³S160



CAJAS MODULARES

1 caja = 1 producto listo para utilizar

- Caja metálica monobloque para mayor sencillez.
- IP30 sin puerta / IP40 con puerta.
- Una gama completa disponible para un montaje en superficie o empotrado con el fin de lograr una discreta integración en el entorno, incluso fuera de una sala de equipos.
- Gracias a las versiones de 36 módulos por fila, se beneficiará de una gran capacidad, hasta 288 módulos, para satisfacer las necesidades de las obras en el sector terciario.

24 módulos por fila



36 módulos por fila



N.º de módulos/fila	24	36
N.º de filas	de 2 a 8	de 4 a 8
Capacidad (n.º de módulos)	de 48 a 192	de 144 a 288

- Placas de varias filas desmontables. La altura de la 1.ª y de la última fila se optimiza (200mm) para recibir los automáticos de potencia DPX³160.

- Chasis desmontable para la instalación y el cableado de los aparatos fuera de la caja.

NUMEROSOS ACCESORIOS PARA FACILITAR LA EJECUCIÓN Y SIMPLIFICAR EL MANTENIMIENTO



Patas de fijación mural



Obturadores



Portaetiquetas adhesivo



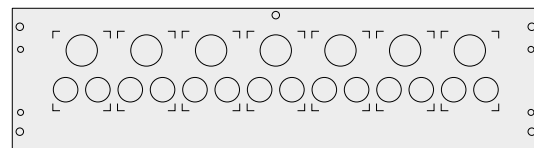
Portaplanos adhesivos



Permite elevar los perfiles y la instalación en el mismo perfil de automáticos modulares y de potencia.

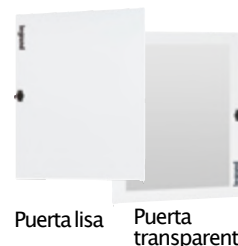
XL³ S 160 – 24 módulos – 2 y 4 filas

Incluyen placas pasacables retroqueladas para ahorrar tiempo en la ejecución.



Acabado cuidado:
Blanco RAL9003.

Las cajas XL³S
pueden equiparse con
puertas reversibles
metálicas.



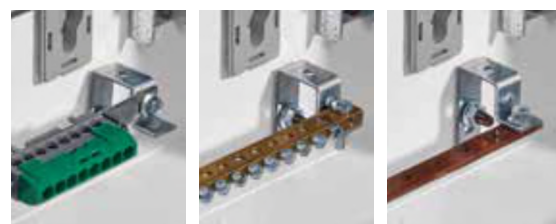
Puerta lisa Puerta transparente

Posibilidad de unión en vertical gracias al kit de unión.

Perfiles DIN ajustables en profundidad
desmontables sin necesidad de herramientas
que permiten el montaje de 2 tipos de aparatos:
- aparatos modulares,
- cajas moldeadas DPX3160,



Equipados con soportes para bornas de tierra
listos para instalar:
- bornas IP2X,
- bornas de latón,
- barras de cobre.



XL³S160-24módulosporfila

Cajasdedistribuciónmetálicas«listasparausar»



3 372 04



3 372 24

Dimensiones **pág. 67**

Cajas suministradas con perfiles 3 montados (150 mm de separación y tapas cubrebornas de altura completa).

Puertas y bornas: se piden por separado.

Admiten los automáticos DPX³ 160 y DX³.

Permiten la creación de conjuntos con certificación IEC 61439-2y -3.

IP 40 con puerta.

IP 30 sin puerta.

Entrada superior e inferiorpretroqueladas para el paso de cables.

Admite la fijación de la canaleta Lina 25.

Emb.	Ref.	Cajas 24 módulos para montaje en superficie						Emb.	Ref.	Cajas 24 módulos para montaje de empotrar					
1	3 372 02	Tapas cubrebornas y estructura: RAL 9003						1	3 372 22	Se suministran con soportes de montaje					
		Nº de filas 2	Nº de módulos 48	Alto (mm) 440	Ancho (mm) 595	Prof. (mm) 135	Tapas cubrebornas: RAL 9003								
1	3 372 03	3	72	590	595	135	200 200	1	3 372 23	3	72	662	667	138	200 150 200
1	3 372 04	4	96	740	595	135	200 150 150 200	1	3 372 24	4	96	812	667	138	200 150 150 200
1	3 372 05	5	120	890	595	135	200 150 150 150 200	1	3 372 25	5	120	962	667	138	200 150 150 150 150 200
1	3 372 06	6	144	1040	595	135	200 150 150 150 150 200	1	3 372 26	6	144	1112	667	138	200 150 150 150 150 150 200
1	3 372 07	7	168	1190	595	135	200 150 150 150 150 150 200	1	3 372 27	7	168	1262	667	138	200 150 150 150 150 150 150 200
1	3 372 08	8	192	1340	595	135	200 150 150 150 150 150 150 200	1	3 372 28	8	192	1412	667	138	200 150 150 150 150 150 150 150 200

XL³S160-36módulosporfila

Cajasdedistribuciónmetálicas«listasparausar»



3 372 14



3 372 34



Dimensiones **pág.67**

Cajas suministradas con perfiles 3 montados (150 mm de separación) y tapas cubrebornas de altura completa.

Puertas y bornas: se piden por separado.

Admiten los automáticos DPX³ 160 y DX³.

Permiten la creación de conjuntos con certificación IEC 61439-2y-3.

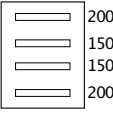
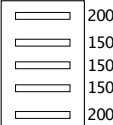
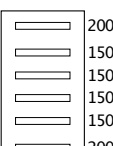
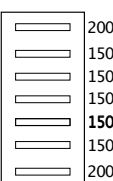
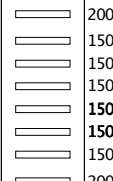
IP 40 con puerta.

IP 30 sin puerta.

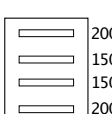
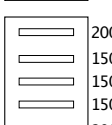
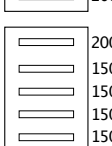
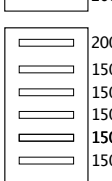
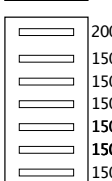
Entrada superior e inferiorpretroqueladas para el paso de cables.

Admite la fijación de la canaleta Lina 25.

Cajas 36 módulos para montaje en superficie

Emb.	Ref.	Tapas cubrebornas y estructura: RAL 9003					
		Nº de filas	Nº de módulos	Alto (mm)	Ancho (mm)	Prof. (mm)	
1	3 372 14	4	144	740	810	135	
1	3 372 15	5	180	890	810	135	
1	3 372 16	6	216	1040	810	135	
1	3 372 17	7	252	1190	810	135	
1	3 372 18	8	288	1340	810	135	

Cajas 36 módulos para montaje de empotrar

Emb.	Ref.	Se suministran con soportes de montaje Tapas cubrebornas: RAL 9003					
		Nº de filas	Nº de módulos	Alto (mm)	Ancho (mm)	Prof. (mm)	
1	3 372 34	4	144	812	883	138	
1	3 372 35	5	180	962	883	138	
1	3 372 36	6	216	1112	883	138	
1	3 372 37	7	252	1262	883	138	
1	3 372 38	8	288	1412	883	138	

XL³S160

Equipamientos y accesorios



3 372 54



3 372 64



3 372 74



3 372 84



0 203 99

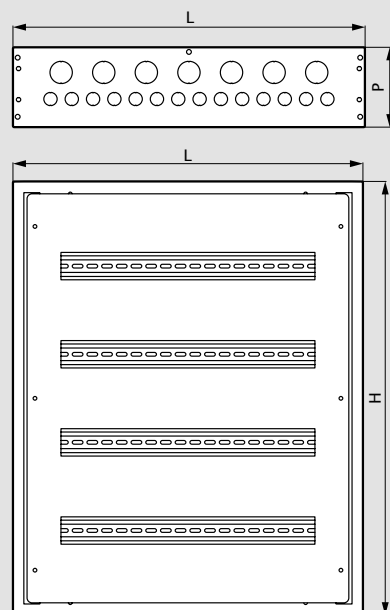
Emb.	Ref.	Puertas metálicas
		Suministradas con maneta, ref. 3 397 10
		Para cajas de 24 módulos por fila
		Para cajas (módulos)
1	3 372 52	2 x 24
1	3 372 53	3 x 24
1	3 372 54	4 x 24
1	3 372 55	5 x 24
1	3 372 56	6 x 24
1	3 372 57	7 x 24
1	3 372 58	8 x 24
		Para cajas de 36 módulos por fila
1	3 372 64	4 x 36
1	3 372 65	5 x 36
1	3 372 66	6 x 36
1	3 372 67	7 x 36
1	3 372 68	8 x 36
		Puertas transparentes
		Para cajas de 24 módulos por fila
		Para cajas (módulos)
1	3 372 72	2 x 24
1	3 372 73	3 x 24
1	3 372 74	4 x 24
1	3 372 75	5 x 24
1	3 372 76	6 x 24
1	3 372 77	7 x 24
1	3 372 78	8 x 24
		Para cajas de 36 módulos por fila
1	3 372 84	4 x 36
1	3 372 85	5 x 36
1	3 372 86	6 x 36
1	3 372 87	7 x 36
1	3 372 88	8 x 36
		Maneta de repuesto para puertas
1	3 397 10	Maneta para puerta XL ³ S 160
1	3 397 15	Maneta con cerradura n° 405
		Se suministra con 1 juego de 2 llaves
		Accesorios
1	3 374 04	Kit de unión
		Para unir dos cajas XL ³ S 160 verticalmente entre sí
1	3 374 00	Patas de fijación
		Juego de 4 patas
1	3 374 06	Kit de fijación en tabiques prefabricados
		Kit de montaje de cajas XL ³ S 160 con montaje de empotrar en tabiques prefabricados
1	3 374 05	Soportes de fijación para canaleta
		Juego de 2 soportes
		Placa de montaje y tapa cubrebornas para DPX³ 160
1	3 374 10	Para cajas XL ³ S 160 de 24 módulos por fila
1	3 374 11	Para cajas XL ³ S 160 de 36 módulos por fila

Emb.	Ref.	Portaplanos autoadhesivo
		Abierto - RAL 7035
		Tamaño exterior
		Alto (mm) Ancho (mm)
20	0 365 80	235 340
20	0 365 81	165 260
		Alto (mm) Ancho (mm) Prof. (mm)
		200 230 18
		Cerrado - RAL 7035
		Rígido, plástico, IP 50
1	0 365 82	Tamaño interior: 324 x 120 x 18 mm
		Transparente
10	0 097 99	Plástico flexible A4 -305 x 220 mm
		Elevador de perfil
1	3 382 40	Permite la instalación en una misma fila de elementos modulares y de DPX ³ 160/250
		Obturadores RAL blanco 9003
20	0 016 60	5 módulos. Separables por módulo o medio módulo
20	3 397 54	24 módulos, banda lisa recortable
		Portaetiquetas adhesivo
		Suministrado con una tira de etiquetas para señalización de filas sobre la tapa cubrebornas
10	3 397 55	24 módulos
10	3 397 56	36 módulos
		Conexión de los conductores de protección
		Barra de tierra
		Para conductores de protección. Se fija sobre los montantes funcionales suministrados
1	0 373 00	Para cajas de 24 módulos de ancho
1	3 397 57	Para cajas de 36 módulos de ancho
		Conductores de conexión equipotencial
1	3 397 53	Longitud de 350 mm, sección de 6 mm ²
		Kit instalación DPX³ 160
1	3 374 07	Para posicionar el perfil DIN a la altura correcta para instalar el caja moldeada DPX ³ 160.
		Para envolventes XL ³ S 160 con 24 o 36 módulos por fila.

XL³S160

Dimensiones

Dimensiones de las cajas de montaje en superficie



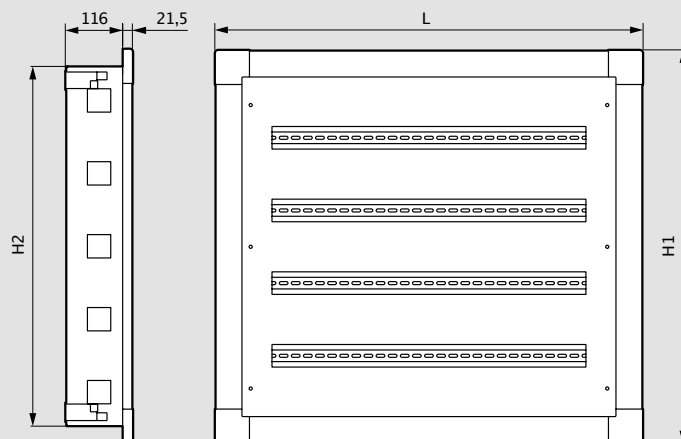
Cajas de 24 módulos

Ref.	H (mm)	L (mm)	P (mm)
3 372 02	440	595	135
3 372 03	590	595	135
3 372 04	740	595	135
3 372 05	890	595	135
3 372 06	1040	595	135
3 372 07	1190	595	135
3 372 08	1340	595	135

Cajas de 36 módulos

Ref.	H (mm)	L (mm)	P (mm)
3 372 14	740	810	135
3 372 15	890	810	135
3 372 16	1040	810	135
3 372 17	1190	810	135
3 372 18	1340	810	135

Dimensiones de las cajas de empotrar



Cajas de 24 módulos

Ref.	H1 (mm)	H2 (mm)	L (mm)
3 372 22	512	440	667
3 372 23	662	590	667
3 372 24	812	740	667
3 372 25	962	890	667
3 372 26	1112	1040	667
3 372 27	1262	1190	667
3 372 28	1412	1340	667

Cajas de 36 módulos

Ref.	H1 (mm)	H2 (mm)	L (mm)
3 372 34	812	740	883
3 372 35	962	890	883
3 372 36	1112	1040	883
3 372 37	1262	1190	883
3 372 38	1412	1340	883

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