Unica

Catalogue 2016

P113206

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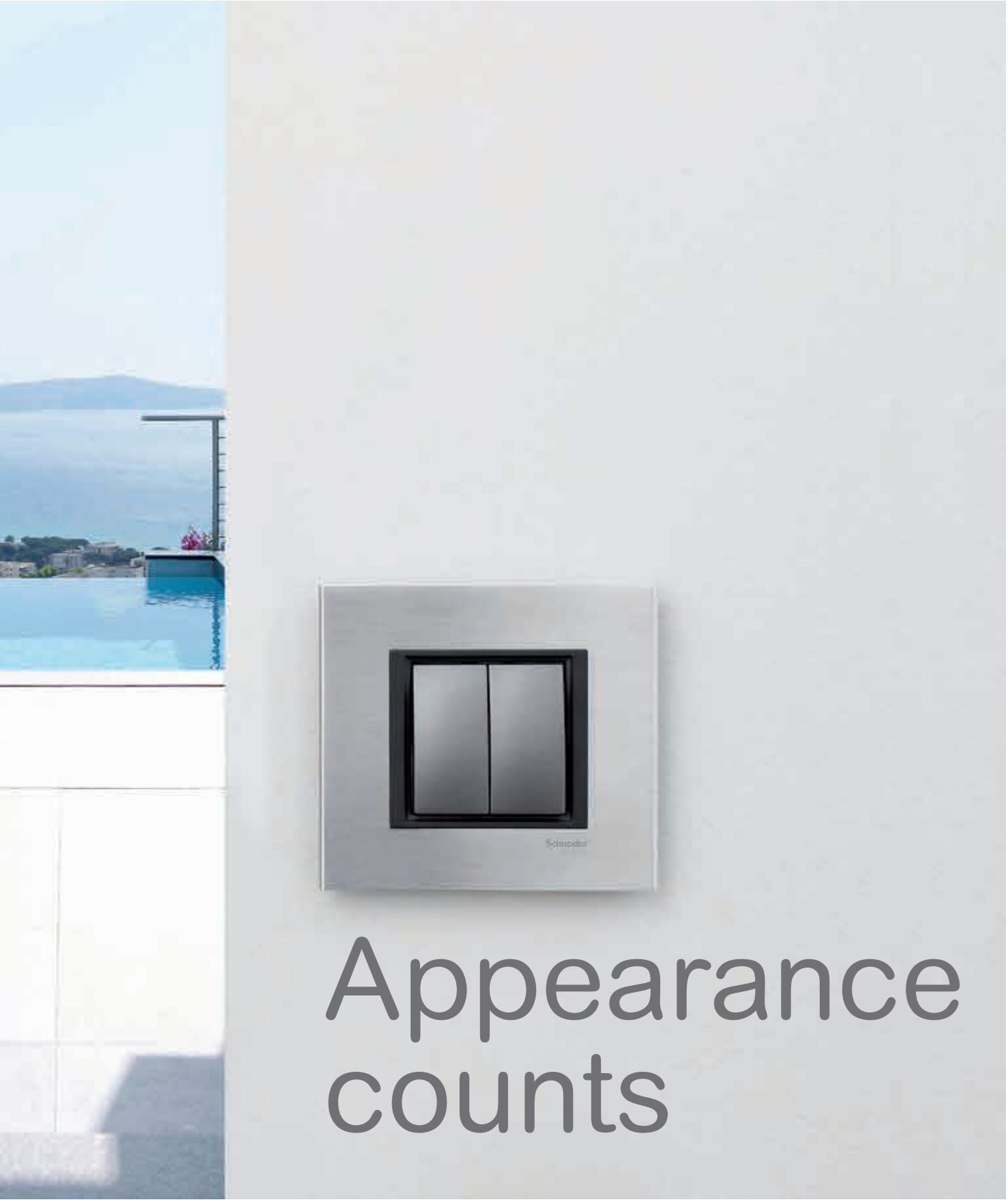
Life Is On | Schneider Electric

P113219

Unica Class

Unica Top

Unica Plus



Appearance counts

Unica Quadro

Unica Allegro

Unica Colors

Unica Basic

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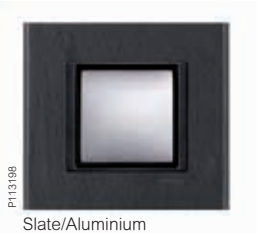


Slate/Aluminium

Apple aluminium/Graphite

Unica Class

Modern life makes us long for nature, with the original, true and pure building blocks of our existence. Like the comforting sight of clear ocean waves, the dust from ochrecolored soil. Or the unexpected chilly hardness from a jagged piece of rock…
Unica Class cover frames brings the roughness of minerals, the beauty of crystal transparence and many other sensations into your life. Open your door and let nature into your home!

Unica Top

A Unica Top choice is what it sounds like. A top choice! Concern about detail is necessary to make a perfect result. Unica Top is made to last, and to make a lasting impression. Don't miss out on the distinction. Find what exclusively matches you!

Tobacco/Aluminium

Beryl blue/Graphite

Unica Plus

Includes that little extra that makes a difference. Satisfying high demands concerning longevity, functionality and cared design. A choice signalling exclusiveness – carrying the impression and comfort of your home to new levels.

Unica Quadro

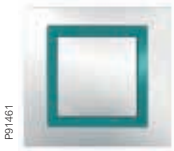
The trendy choice. Provides your home with a young, fresh, minimalisticly modern look. In sparkling red or aesthetic silver. Make a statement: Every spot in your home is worth design attention.

Unica Allegro

A temptingly multifunctional and prominent choice. In a range of metallised colours to mix and match. Will blend with almost any style. Has the qualities and aesthetics of a designer's best friend.

Unica Colors

Give each room its own personality. Match your style and interior, as often as you please. A real versatile choice, with several opportunities.

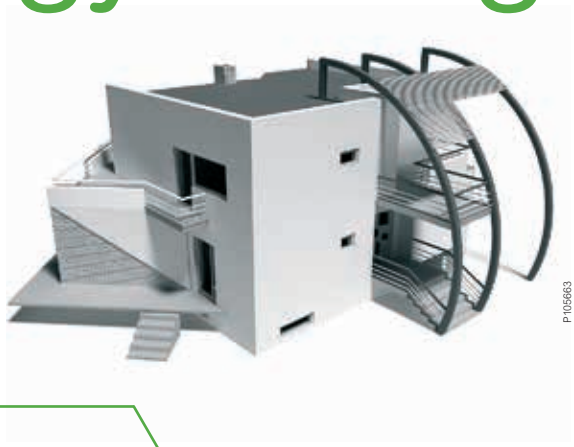


Unica Basic

A choice clearly above the design of the mainstream selection. With a sober, timeless stylish expression, pointing out that you have high standards and care about what your home looks like.

Solutions for comfort, safety and energy-saving

Imagine exploring the resources of Unica in every detail, in order to enhance the refined and elegant atmosphere of your home. Wouldn't a decorator's bliss be to find that with
the numerous shapes and colours would also be included the most imaginative functions for cerebral and sensous comfort? And – at the tip of your finger, getting energy-saving.


P105663

P105650
Wireless push-button for scenarios

P104878
Remote control

Living-room

Weekly programmable thermostat
Have your home at the right temperature every time. Saves energy – and keeps you comfortable!

Weekly programmable timer
Will save an unexpected amount of energy and prolong the lifetime of your entertainment system.

Loudspeaker socket
Enjoy the access of your sound system at every point.

Weather station
Making decisions easier while chasing kids into the right clothes

Roller-blind (and/or curtain) switch
Lights out for movie time, or good morning sunshine?
Done in a few seconds.

Switch with indicator lamp
Signals that a light is on at the terrace.

Wireless comfort
Do you want different lighting scenarios? Or a centralized roller-blind control? No problem! With Unica remote control and movable push-buttons you are in charge from your sofa.

P105651
Wake-up clock

P104878
Remote control

Bedroom

Save the energy – with enhanced comfort
Prefer a cool bedroom at night?
The thermostat adds power only when necessary.

Wireless comfort
With Unica remote control or a wireless switch beside the bed you are in charge from the pillow.

More Unica Top in the bedroom
Wake-up clock. Light dimmer. Weather station. Roller-blind control.

P105652
Weekly programmable thermostat

Bathroom

Weekly programmable thermostat
To have the home at the right temperature every time, optimizing the energy.

Signal lamp
If this room is occupied – you will know.

Cord push-button
Be smart! A panic alarm command – just in case!

Emergency light
Ever been in a bathroom without windows during a power failure? Don't be!

Flood detector
Protect your bathroom against flooding.

P105346

P105653
Time delay switch

Staircase

Time delay switch
For areas where you pass through. Truly energy-saving will make sure the light is only on for a short time,
no need to think about switching off. Can easily be combined with a push-button.

P124834
Switch with blue locator lamp

Garage

Time delay switch
For areas where you pass through. Will make sure the light is only on for a short time.

Basic thermostat
One of the best places to save energy.
A precise control of temperature, without significant drops or increases.

IP44/IP55 covers or surface boxes
For extra safety and protection using electric equipment.

Switch with blue locator lamp
Blue lamp. Always on.

Flood and gas detector
Protect your home against flooding and gas leakage.

P105654
Rotary dimmer

Kitchen

Weekly programmable thermostat
Let the heart of your home be a warm kitchen. But not too warm!

Weekly programmable timer.
Program the working time of some loads. Saves energy!

Double-pole switch
Double electrical safety. Isolate your devices completely from the installation. Extra important in a kitchen.

High rating switch
Need to run high amp loads at the same time?
Without blowing your fuse (or the kitchen fuse).

Alarm-clock
Clock- and alarm function.

Dimmer
Create lighting ambiances, save energy and money.

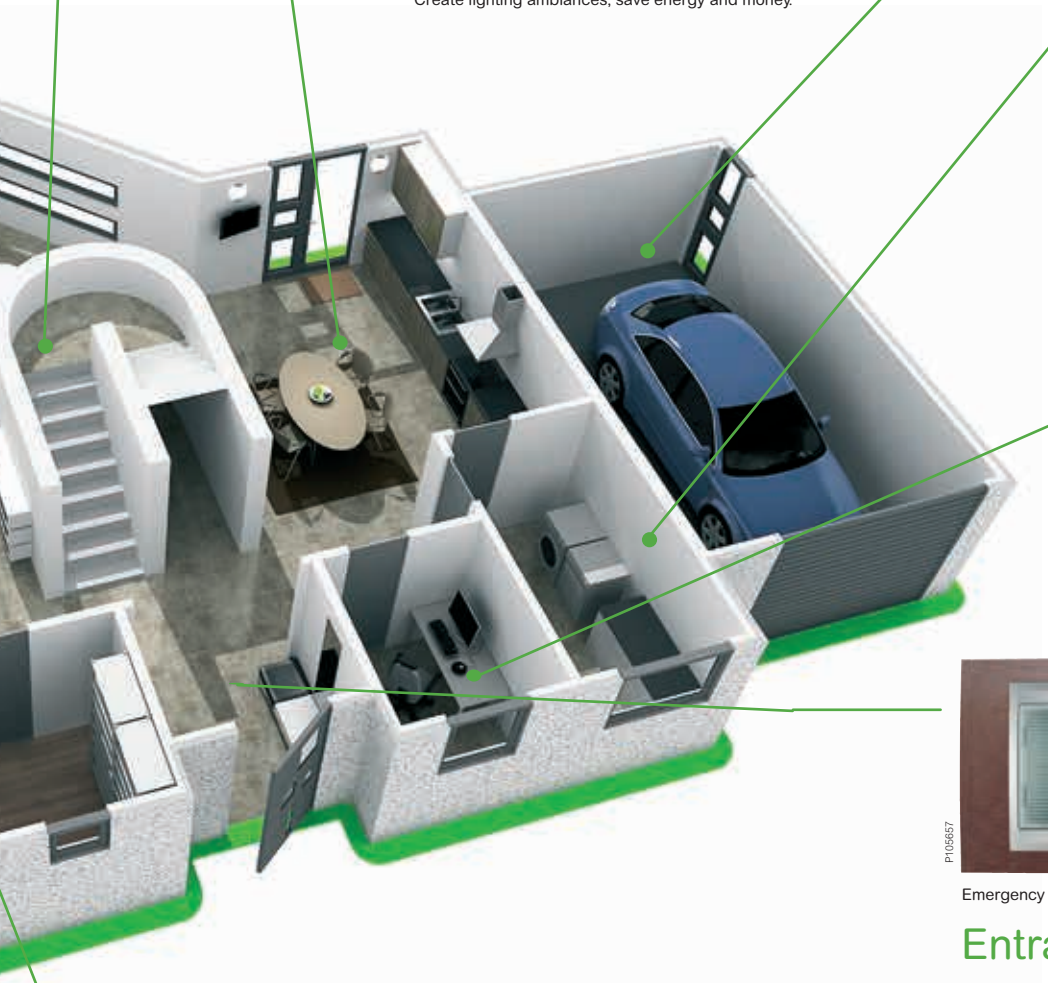
P105651
Weekly programmable timer

Laundry

Weekly programmable timer.
Program the working time of some loads. Saves energy! And makes sure you are not leaving appliances turned on by mistake.

Basic thermostat
One of the best places to save energy. A precise control of temperature, without significant drops or increases.

IP44/IP55 covers or surface boxes
For extra safety and protection using electrical equipment.



P105656
Roller-blind switch

Home office

Weekly programmable thermostat
To have the home at the right temperature every time is comfortable and it also optimizes the energy.

Wireless comfort
With Unica remote control or a wireless switch on your desk, you are in charge of almost any function in the room.

Weekly programmable timer
Lights up or starts up (or shuts down) your preferred devices. Will save an unexpected amount of energy and prolong the lifetime
of your computer system, printers etc.

Loudspeaker socket
Enjoy the access of your sound system.

Roller-blind (and/or curtain) switch
Lights out or not? Easy peace!

P105657
Emergency light

Entrance

Key card switch
Welcome home! Easily turns on preferred lights and devices from one single point.
Activated by you, unlocking the door. Or deactivated, when you lock and leave.

Weekly programmable thermostat
To have the home at the right temperature every time, optimizing the energy.

Switch with blue locator lamp
Blue lamp. Always on.

Emergency light
Find your way out safely in case of a power failure!

P105658
Movement and presence detector

Storage

Switch with blue locator lamp
Blue lamp. Always on.

Signal lamps
So that you can tell the status of any connected device, without having to go in there and check.

Movement and presence detector
Automatically activates light (or other functions) when you enter.

P113207

Comfort

Your home is your considerate friend

Your Unica home helps you keep the right atmosphere at any moment.
All day and all night. Any season of the year, your house knows what you need, what you like and how to get you in the right mood. You can direct a suiting ambience for the occasion, and recall it all, at the touch of a button. No sweat. Make the most of your energy – and do it with comfort.

P116587

Thermostat
To get the right temperature at home, to save energy and money.
Regulation at finger tips.
Clear indication.

P116582

Roller-blind
Roller-blind command in the same cover frame and finish as the rest of the wiring devices. With Unica wireless you can centralize the command
and close all shutters
at the same time.

P116583

Movement and presence detector
The light when you need it without looking for switches.
Good comfort for children, when people wake up at night.
Saves energy and money.

P116584

Rotary dimmer
Create light ambiances as you want them. Saves energy, and money.

P116585

Weather station
Weather indication in one sight.
Gives humidity, temperature in the room, atmospheric pressure, clock.

P116586

Time delay switch
Stops automatically, you don't need to think about switching off. You can regulate the time you want the switch to be on.

P104878

P104154

Communication

Stay connected

Real-time communication, sharing and distributed on-demand entertainment are a natural part of your life. The demands of effective data transfers push things
forward at an incredible speed as the connected community grows.

E-mail, message, on-line gaming, IP phones, music and video mix and redefine the concept of home entertainment and communication. Information is always there when you need it and your good friends are at close reach. Voice, data and living images put you on the spot where it happens, even when you are at home. Your home becomes your hub of life.

TV-SAT socket-outlet
Main standards available.
Different types of gain loss and installation habits.

RJ45 data socket
Main standards available.
Compatible with main connectors.
Full range of infraplus and LexCom data sockets.

RJ12 data socket
Socket for telephone service.

P113237

P104155

P104160

Centralization cover frame, 2 x 6 modules, with outlets.
Glossy chrome/aluminium.

P105740

Loudspeaker socket
Choose the best place for your loudspeaker sockets.
Or add a few for extra comfort.

P103647

Wake-up clock
A clock with many functions; time, temperature, alarm-clock with up to 9 programmable alarms. Same design as other Unica wiring devices.

P105741

Buzzer
Door-bell. Same design as other Unica wiring devices.

P105742

Electronic door-bell
Choose between 5 different melodies. Same design as other Unica wiring devices.

P111136

Safety and security

Your reliable guard

Who looks after your home when you're on holiday? Your friends and family? Well, in a former life maybe. Nowadays your home looks after itself, with the use of Unica Top weekly programmable thermostats and timers. Of course electricity in itself is a powerful source. And if it's left uncontrolled it can be dangerous and cause extensive damage. A Unica home helps avoid those problems. Your home is your reliable guard. But take a tip and invite your friends and family to stay in your house anyway. Not to look after it, but to enjoy it.

P116593

Emergency light
To get some light in case of power failure, it has a battery inside. Suitable in stairs for instance or corridors.

P116591

Shuttered socket-outlet
Safety for children.
Also available with a hinged flap.

P116592

Key rotary switch
The key is the command for the switch, only the key can allow one of the two positions (on/off). If you remove the key, the access is blocked.
Save energy and money, keep the lead on light.

P113236

P113 394

P104153

P105746

Key card switch
Can control access, lights, equipments.

P105657

Emergency light
Find your way out safely in case of power failure!

P124835

Fuse holder
Protects the electric system from short circuits. Can add more security in laundry, kitchen for instance.

P129480

Technical alarms
- Gas detectors: they are used to sound an alarm as soon as methane or LPG gas starts dissipating into the ambiant air.
- Flood detector: it is designed to detect a water leakage in order to prevent water damage.

Wireless comfort

Unica Wireless is a range of wireless products which use radio technology (RF) to exchange information. The products are highly suitable for refurbishment work in residential and small building environments without damaging the walls.
They make it considerably easier and far more pleasant to control lighting and roller blinds in the home. They are simple to install and program.

P105346

Scenario 1: Add a switch

Add a switch beside the bed to switch the bedroom ceiling lamp on or off without getting up.
- Replace the existing switch with a Unica Wireless combined module.
- Stick a new battery-powered push-button onto the wall beside the bed.
- Link them by simple programming.

P104969

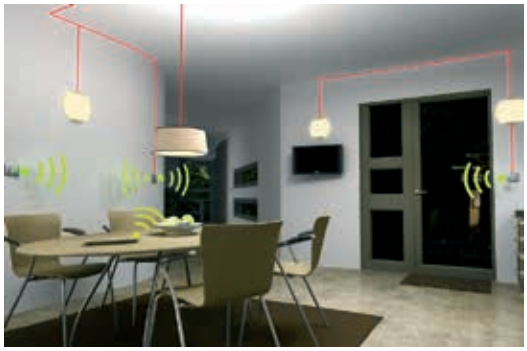
Scenario 2: Create a centralised roller-blind control system

Create a centralised roller-blind control system to open or close all the blinds in the house with just one button.
- Replace each individual roller-blind control with a Unica Wireless roller-blind module.
- Stick a Unica Wireless battery-powered push-button for the centralised control in the required position.
- Link them by simple programming.

P105451

Scenario 3: Create lighting scenarios

Create lighting scenarios to change the lighting atmosphere instantly in different rooms:
for watching TV, cooking, etc.
- Replace the existing switches by Unica Wireless combined modules.
If necessary, add mobile socket outlets to connect standard lamps, table lamps, etc.
- Add a battery-powered push-button with the symbols corresponding to the various scenarios.
- Link them by simple programming.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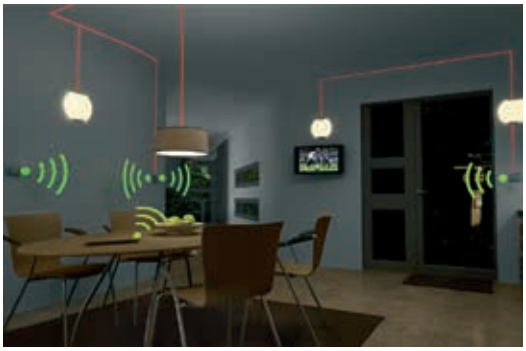
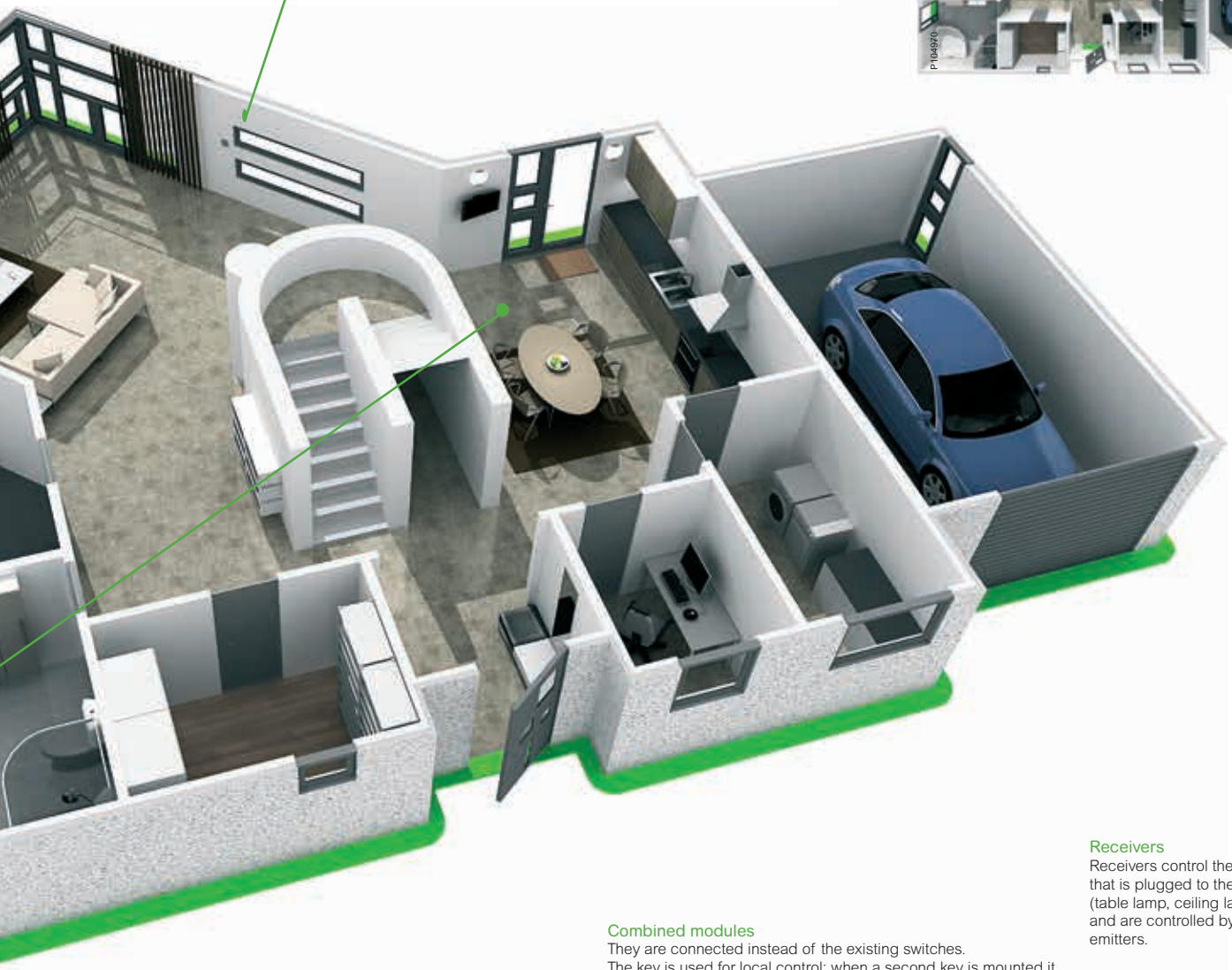

P105421

Scenario 4: Control the lighting and roller-blinds in each room

Control the lighting and roller blinds in each room by grouping all the controls together in one place and duplicating them on a remote control.

- Replace the existing switches (light, blinds) by wireless combined modules.
- Stick battery-powered push-buttons in convenient places.
- Add a remote control containing the main functions.
- Link them by simple programming.



Emitters

Emitters are battery-operated and can be screwed or stuck wherever you wish to add a control point, without connecting them to the mains supply.

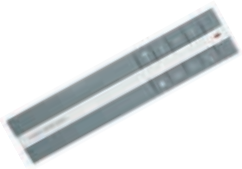
P105560

Battery-powered push-button

P105522

Keyring remote control

P105566



Metal remote control

P105585

Universal wireless emitter

Combined modules

They are connected instead of the existing switches.
The key is used for local control; when a second key is mounted it can be used as an emitter to pilot another wireless receiver.

P105568

Combined relay or dimmer

P105576

Combined module for roller-blind

Receivers

Receivers control the load that is plugged to them (table lamp, ceiling lamp, etc.) and are controlled by the emitters.

P105580

Mobile socket-outlet, relay or dimmer

P105586

Universal wireless receiver (relay)

Unica for KNX system

Version : 1.0 - 12 décembre 2016
ISC01064EN

P117504

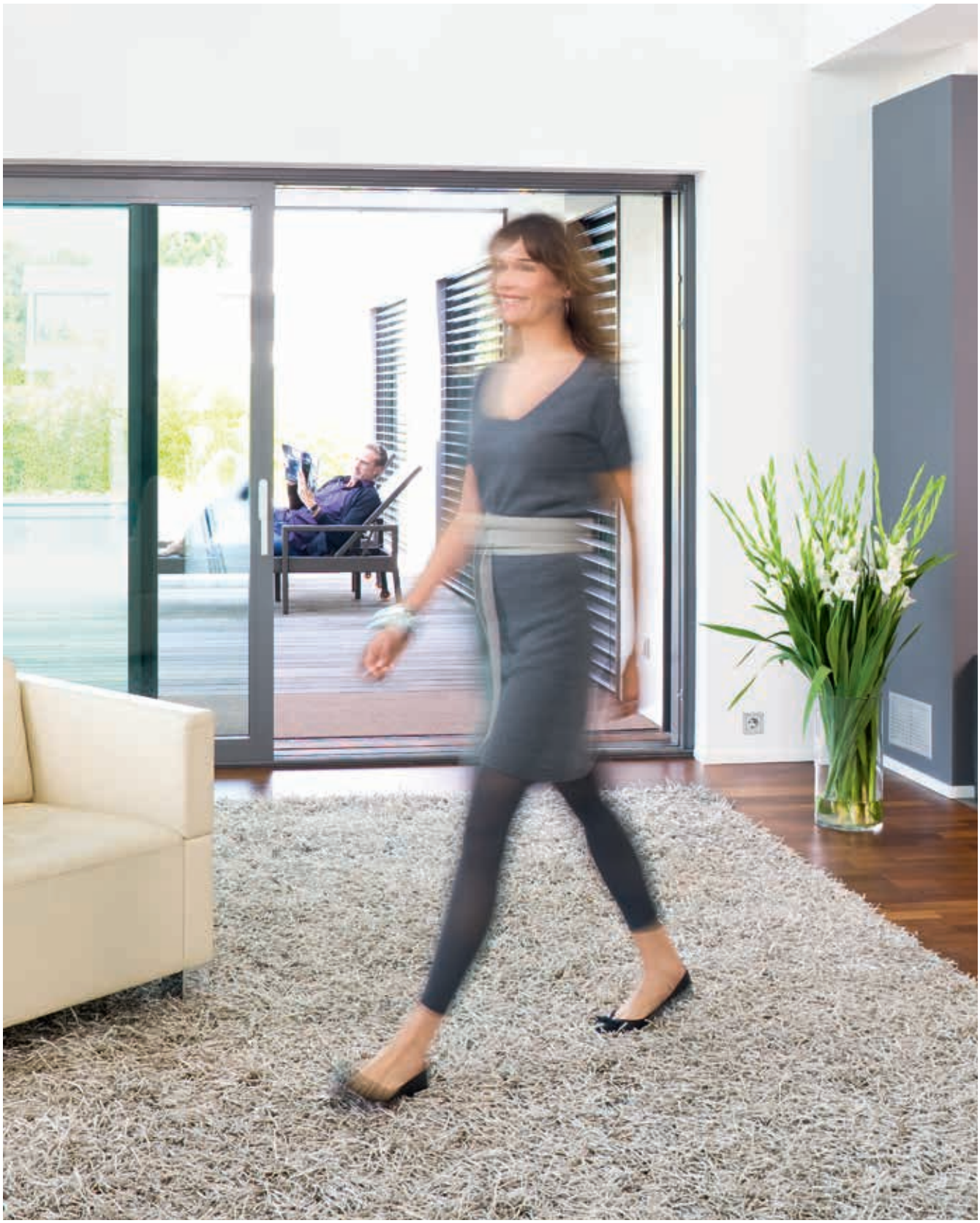
Greater flexibility and comfort, better energy efficiency with KNX

More and more electronic appliances are needed for modern comfortable homes that contain everything from computers to home cinemas. Does this mean simply increase electricity consumption despite rising energy costs?
A better, faster, cheaper and cleaner solution is to use energy more efficiently. This is not only better for the environment but for your wallet too.

P105932

Intelligent and good looking home

P117500



Connect Unica to your KNX system!

P117503

Reading in your favourite armchair in the evening, watching TV on the sofa or dining with family or friends is all the more comfortable if you don't have to get up to switch each light, lamp or thermostat on or off individually.
By setting up individual scenes – for instance using a Unica multi-function push-button – you can combine a wide range of different functions. Once a scene has been created, it can be started at the push of a button – to create a suitable light mood when watching TV or reading for instance or when leaving the house in the morning. If, when doing so, you want the blinds to be raised, the lights switched off and heating turned down, you can activate the «Not at home» scene and all functions will be executed automatically.

P119163

Push-button
- Can be used to control lights or roller blinds.
- The system can be used to control lights and roller blinds according to the sunlight when coupled with a sensor.

P119165

IR push-button
- Can be used to control lights or roller blinds.
- Can be controlled by KNX IR remote control.

P119161

P119164

Automatic lighting control
- Can activate roller blinds or lights
- The system can be used to control lights and roller blinds according to movement detection in corridors, staircases.

P119162

Individual heating control
- Presence-dependent room heating.
- Heat is supplied automatically at the exact time required and individually via controllable room temperature control units. No need to turn the radiators up and down manually.

Don't worry: if you forget to do it, the KNX system will remember to do it for you.

P105932

Interested by the intelligent system?
See KNX catalog

Comprehensive functionalities

Imagine every necessary technical function and appliance that you would wish to be available in your home. The Unica range will most certainly cover every corner of those needs. And be assured, under the attractive surface, every Unica product offers a quality construction. So please, pay a moment of attention to our Unica State Of The Art “Outletology” Chart. Make your choices, and get ready to plug and play.

European socket-outlet

TV FM SAT socket

RJ12 data socket

German socket-outlet

RJ11 data socket

Euroamerican socket-outlet

European socket-outlet

French socket-outlet

British socket-outlet

P85953

Weather station

P85967

Switch with blue locator lamp

P85960

Push-button with bell symbol and blue locator lamp

P85946

Push-button with light symbol and blue locator lamp

P85905

Roller-blind

P85907

Push-button with bell symbol

P85936

Push-button I/O

P104677

Rotary dimmer

P104678

Key rotary switch

P90317

Basic thermostat

P85952

Key card switch

P85909

4-position switch

P85911

Fuse holder

P85912

Buzzer

P85913

Electronic doorbell

P85917

Double switch

P104679

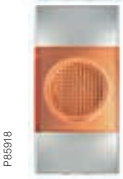
Time delay switch

P85958

Push-button dimmer switch

P85949

Indicator lamp, green


P85918

Indicator lamp, orange

P85920

Indicator lamp, white

P90319

Movement and presence detector

P104689

Wake-up clock

P101843

Methane and LPG gas detectors

P101844

Flood detector

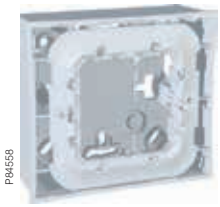
Two installation architectures

Modular universal

=

Flush CE60 boxes

Flush installation using individual boxes or multiple horizontal or vertical boxes.



Surface CE60 boxes

Surface individual or multiple boxes for vertical or horizontal installations.

Universal installation fixing frames

Fixing frames in zamak or plastic for screw or claw-mounting.

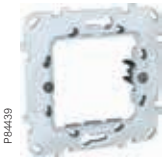
Zamak without claws

Zamak with short fixed claws

Zamak with long fixed claws

Zamak fixing frame using accessory short claws with protection

Plastic without claws



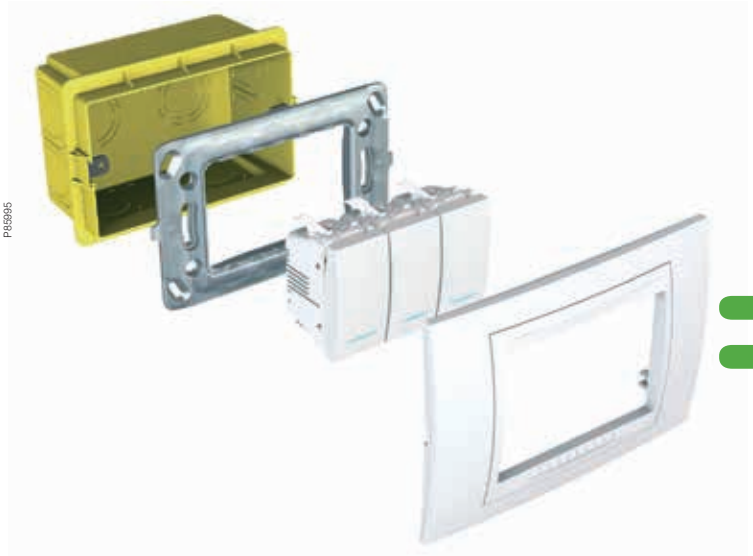
Plastic with short fixed claws

Multigang aesthetic cover frames

Cover frames for flush or surface installations. Horizontal and vertical versions from 1 to 5 gang.

Modular multifunctional

P85995



P101732

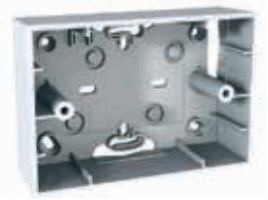
P86157

Flush modular boxes
3, 4 and 6 modules.

Flush modular boxes
Centralization
2 x 4 modules,
2 x 6 modules .

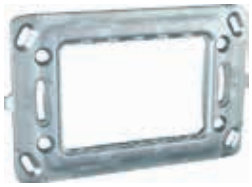
P84576

P87484



Surface modular boxes
Surface box for 3 and 4 modules.

P84442



Multifunction installation fixing frames
Zamak fixing frames for screw mounting from 3 to 6 modules and for centralizations from 8 to 12 modules.

P84441

Multifunction installation fixing frames
Plastic fixing frames for screw mounting from 3 to 6 modules and for centralizations from 8 to 12 modules.

P87456

Multifunction aesthetic cover frames
Cover frames for flush or surface installations.

P87455

P87456

P87457

P87458

P93147

P87471

P87472

The modularity system

1-2-3-4-5 gang, 1-12 modules

The Unica range has a large number of interfaces to comfortably use the high functionality of the range.

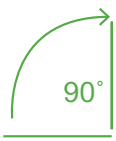
P104971

Multigang aesthetics:
The perfect aesthetic complement for the functionality of Unica.

Limit your stock:
In the Unica Quadro, Unica Colors and Unica Basic ranges, the same cover frames can be fitted either vertically or horizontally.

P105803

P105804



Adaptation to the surrounding space:
The cover frames of Unica Quadro, Unica Colors and Unica Basic can be fitted in whatever way suits the available space best.

P105801

P105802

P105805

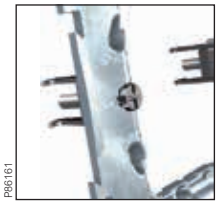
Broadest range, more options:
The Unica range allows you to combine narrow modules and wide modules in each rectangular box.

Centralization:
Centralization cover frame, 2 x 4 or 2 x 6 modules, with outlets.

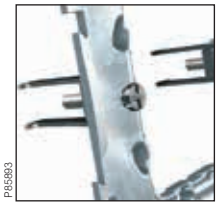
P104160

Installations in detail

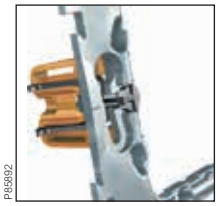
Many years of research and experience have enabled us to produce one of the best fixing frames on the market, combining ruggedness and corrosion resistance with ease of use and fitting. Manufactured in zamak or plastic.


P86161

Short fixed claws.


P85893

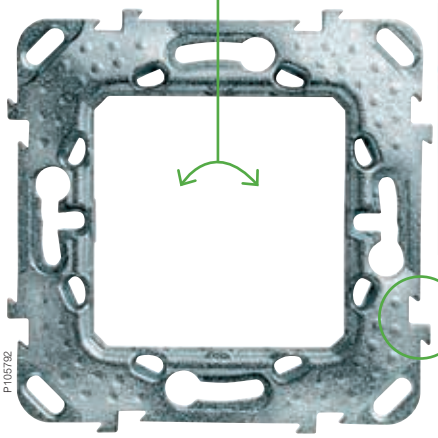
Long fixed claws


P85892

Accessory short claws with plastic protection.

P105792

Always straight:
Easier to align, with a straight supporting surface that makes it easy to use a level.


P105792

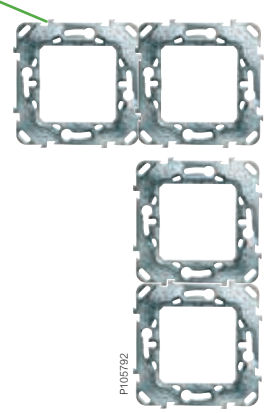
No sharp edges:
Manufactured in zamak, the fixing frame is rugged and corrosion resistant. As it is not die-cut, there are no sharp edges.

P85894

No need to think:
Mechanism fixing system with borders on all four sides to ensure maximum flexibility of installation.

P105793

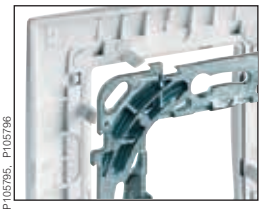
Simplification:
A single support-frame can be used for 1, 2, 3, 4 or 6 modules as the design allows the mechanism to be fitted in any position.


P105792

Easy to fit:
The mounting points and symmetric geometry of the frame assure the possibility to fix horizontally or vertically.

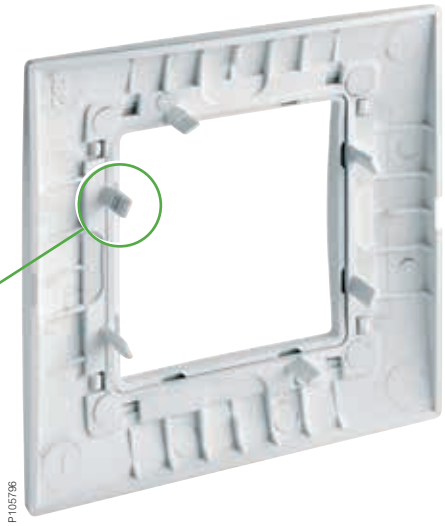
Aesthetics in detail

The final look of an installation does not depend just on the colour and design of the visible parts.
It is also essential that all the parts of a light point go together, that they suit the space in which they are fitted and that they are durable. With Unica all this, and more, is possible.


P105795, P105796

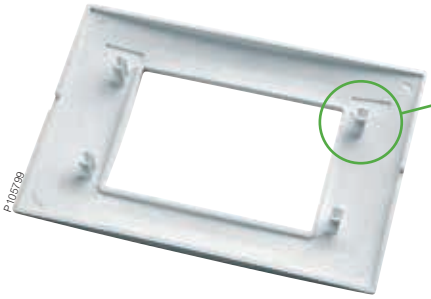
P105794

Perfectly fitted cover frames
The cover frames snap onto the box at four points by means of ratchet-type anchor-pins permitting:
- Precise fixing against irregular walls.
- No hold-ups even though the box stands 0.75 mm out of the wall or is recessed 2.25 mm.


P105796

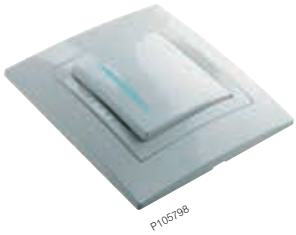
P105797

Designed down to the last detail:
To achieve an aesthetically pleasing design, the curvature of the insert cover frame means that the relief markings on the decorative frame should be parallel to the axis on which the insert pivots.


P105799

P105800

Fixing systems suited to all types of cover frames:
In the case of rectangular cover frames, the fixing system used to fit the frame onto the fixing frame is different.
The greater fixing strength needed is achieved by using cylindrical ratchet-type anchor-pins rather than flat ones.


P105798

Always as good as new:
The gloss finish of the insert and cover frames makes them easy to clean.
Just wipe with a cloth and they look as good as new. A cloth is also perfect for cleaning the Unica Top wood and metal frames.

Technical benefits

Switches in detail

Reduce installation time by up to 20%

The overall aim of the new Unica wiring devices is to simplify the installer's job. To achieve this we have worked particularly on all the tiny details of installing our control devices.

P127279

Screwless terminals with ergonomics release buttons for 1.5 to 2.5 mm² for rigid and flexible wire.

Safer wiring thanks to the electrical wiring diagram on back engraved by laser (lower risk of incorrect wiring, better visibility at twilight).

P127272

P138698

P101742

In both 10 A (grey) and 16 A (black) switches the terminal connection system is by screws.

P101745

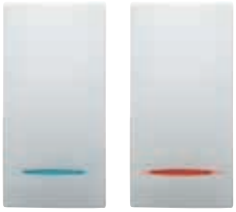
Installation details, optimal wire stripping lengths and quality marks are clearly marked on the sides of the devices.

P127272

Only terminals needed are open.

P127273

No more wiring up indicator lamps: devices with locator/ indicator LED lamps do not need an external indicator as it is already built-in.



Low consumption LED lamps:
- no flickering,
- longer lifetime,
- brighter light.

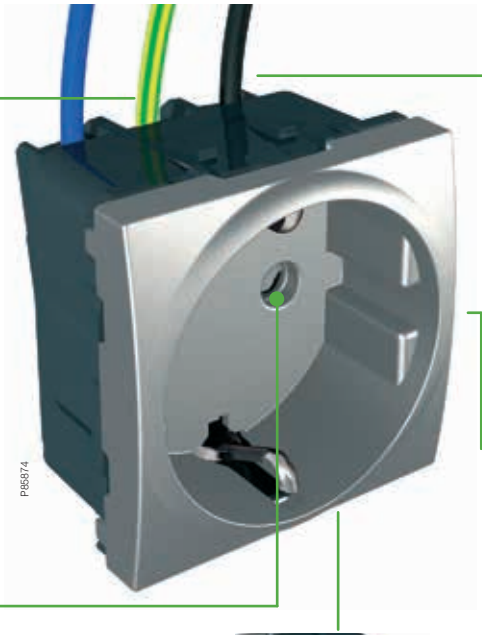
Socket-outlets in detail

Based on our customers' experience as installers, gathered through exhaustive market research, we have developed the fitting and safety features of our socket-outlets to match them to ever stricter productivity and safety requirements.

P85868

At the speed of light:
Two basic features in the design of the socket make it possible to reduce wiring times substantially.
Firstly, the alignment of the terminals makes it possible to cut the wires simultaneously, and secondly sockets are supplied with the terminal screws pre-loosened, eliminating a step in installation.

P85874



P109715

Available in screwless version with easy color code for cabling.

Centerplate clip in system (no screw):
Pre-clipped delivery form for screw version, already clipped for screwless version.

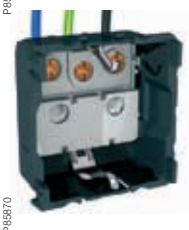
P109713

Pilot lamp version:
LED is connected as soon as the centerplate is clipped. Possibility to upgrade a simple version to a lamp version with one accessory.

P109717

P85869

P85870



Childproof:
Sockets are fitted with shutters to prevent children inserting foreign bodies in them.
These shuttering units are covered with plastic to avoid any damages.

Greater safety:
Well dimensioned terminals separated by high walls to avoid short-circuit risk when flexible wires are used.

P85872

Data sockets in detail

The new Infraplus and LexCom ranges of RJ45 data sockets guarantee optimal connections and high reliability for voice and data transmission, more than meeting the requirements of cat 5e and cat 6.

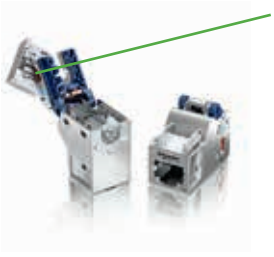
Ease of connection:
Cables can be connected without tools to the RJ45 socket by hand. Faster cable termination by clipping.

Universal connection:
Complies with all connection conventions: EIA/TIA 568A, 568B.

A wide range:
RJ45 sockets are available for unshielded, foiled and shielded cables meeting the range requirements necessary for cat 5e and cat 6.

Precision technology:
Connectors designed with dual layer compensation to reduce cross talk between wires and improve attenuation characteristics.

U-shaped cable entry with a smart bridle:
Despite being compact in size, the connector has enough room inside for your work. Both space and functions are designed to ease your installation.


P121600

Reliable connections:
Internal contacts: IDC technology to make the connection with the copper wire easier.

Cable organizer:
Easy organization of cables and simultaneous connection of the 4 pairs of cables. Cat 5e: green, cat 6: blue shutter cap colour. Using the organizer ensures the untwisted length is less than the minimum set by the standards (<13 mm.)
The organizer is colour-coded for error-free connection.

Reinforced 360° hood:
CFF – Compact Form Factor improves performance and higher flexibility of connector orientation during installation, and ensures the grounding continuity of the installation.

Innovative U-shaped cable entry and spring-loaded earthing bridle.

P121608

Automatic 360° earthing

P121609

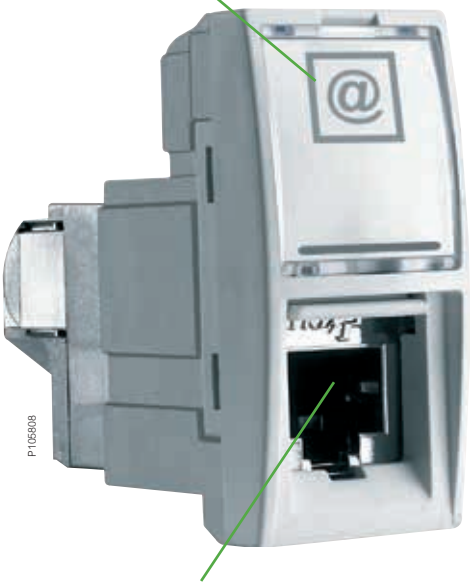
Integrated earth-drain contact to provide double earthing

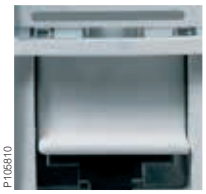
P121603

Protection of the IDC:
The IDC are inserted in a plastic cavity, that's why it's impossible put his ngers on the IDC.

The range is colour-coded:
Both shielded and unshielded connectors are coded according to the same system. Dark blue for Cat6A, Light blue for Cat6 and green for Cat5e.

Label holder to identify port number and services.


P105808


P105810

P105811

Dust-protection shutter

Electronic inserts in detail

New microelectronics-based technological solutions that allow you to install latest-generation electronic functions with the same ease and simplicity as with an electro-mechanical mechanism.

P124781

Error-free connections
All the terminals are clearly marked with symbols to enable error-free wiring. Power terminals and auxiliary terminals are located separately for clarity.

P103850

P105769

Design and ergonomics
Maximum attention has been paid to design and ergonomics to ensure they look right in any setting.

Vanguard technology
Gradual function and totally silent operation thanks to the use of transistor technology.

P105814

P105813

P85581

More features, same depth
Electronic inserts have a larger number of terminals than traditional inserts, so there fore they need more cables.
This makes the depth of the device a decisive factor in the ease of installation.

Do less to achieve more
Without adding a single cable, a lighting controller can replace a conventional switch, making them quick and easy to retrofit.

Unica Class
Unica Top

Controls

10 AX – 250 V AC switches

P84010
MGU3.201.30

P83981
MGU3.101.30

P84243
MGU3.201.12

P84214
MGU3.101.12

P84029
MGU3.211.30

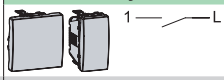
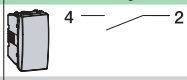
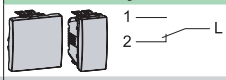
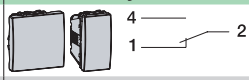
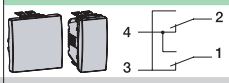
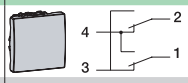
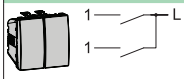
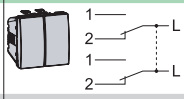
P84030
MGU3.213.30

P84272
MGU3.261.12

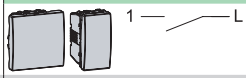
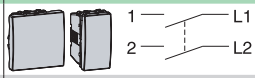
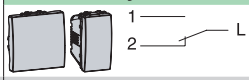
P84235
MGU3.161.12

P138673
MGU3.262.12

P138657
MGU3.162.12

	10 AX one-way screwless terminals		10 AX one-way screw terminals	
				
Colour	2 modules	1 module	1 module	
aluminium	**MGU3.201.30**	**MGU3.101.30**	**MGU3.101T.30**	
graphite	**MGU3.201.12**	**MGU3.101.12**		
	10 AX two-way screwless terminals		**10 AX two-way screw terminals**	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.203.30**	**MGU3.103.30**	**MGU3.203T.30**	**MGU3.103T.30**
graphite	**MGU3.203.12**	**MGU3.103.12**		
	10 AX intermediate screwless terminals		**10 AX intermediate screw terminals**	
				
Colour	2 modules	1 module	2 modules	
aluminium	**MGU3.205.30**	**MGU3.105.30**	**MGU3.205T.30**	
graphite	**MGU3.205.12**	**MGU3.105.12**		
	10 AX double one-way screwless terminals		**10 AX double two-way screwless terminals**	
				
Colour	2 modules		2 modules	
aluminium	**MGU3.211.30**		**MGU3.213.30**	
graphite	**MGU3.211.12**		**MGU3.213.12**	
	With internal power connection		With external power connection	

16 AX – 250 V AC switches

	16 AX one-way screw terminals		16 AX double pole one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.261.30**	**MGU3.161.30**	**MGU3.262.30**	
graphite	**MGU3.261.12**	**MGU3.161.12**	**MGU3.262.12**	**MGU3.162.12**
	16 AX two-way screw terminals			
				
Colour	2 modules	1 module		
aluminium	**MGU3.263.30**	**MGU3.163.30**		
graphite	**MGU3.263.12**	**MGU3.163.12**		

P84011
MGU3.201.30N

P83983
MGU3.101.30N

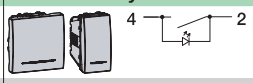
P84244
MGU3.201.12N

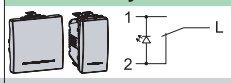
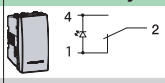
P84216
MGU3.101.12N

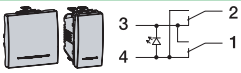
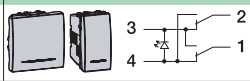
P84018
MGU3.205.30N

P83991
MGU3.105.30N

10 AX – 250 V AC switches with blue locator lamp

	10 AX one-way screwless terminals		10 AX one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.201.30N**	**MGU3.101.30N**	**MGU3.201T.30N**	**MGU3.101T.30N**
graphite	**MGU3.201.12N**	**MGU3.101.12N**	**MGU3.201T.12N**	
	Blue LED lamp, connected internally			

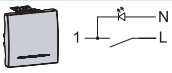
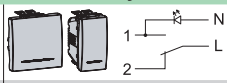
	10 AX two-way screwless terminals		10 AX two-way screw terminals
			
Colour	2 modules	1 module	1 module
aluminium	**MGU3.203.30N**	**MGU3.103.30N**	
graphite	**MGU3.203.12N**	**MGU3.103.12N**	**MGU3.103T.12N**
	Blue LED lamp, connected internally		

	10 AX intermediate screwless terminals		10 AX intermediate screw terminals
			
Colour	2 modules	1 module	1 module
aluminium	**MGU3.205.30N**	**MGU3.105.30N**	**MGU3.105T.30N**
graphite	**MGU3.205.12N**	**MGU3.105.12N**	
	Blue LED lamp, connected internally		

P84246
MGU3.201.12S

P84222
MGU3.103.12S

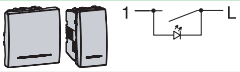
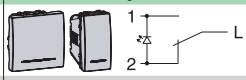
10 AX – 250 V AC switches with amber indicator lamp

	10 AX one-way screwless terminals	10 AX two-way screwless terminals	
			
Colour	2 modules	2 modules	1 module
aluminium	**MGU3.201.30S**	**MGU3.203.30S**	**MGU3.103.30S**
graphite	**MGU3.201.12S**	**MGU3.203.12S**	**MGU3.103.12S**
	Amber LED lamp, connected internally		

P84040
MGU3.261.30N

P84003
MGU3.161.30N

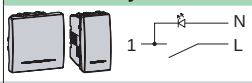
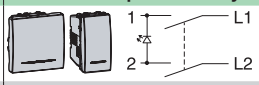
16 AX – 250 V AC switches with blue locator lamp

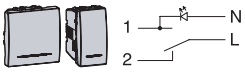
	16 AX one-way screw terminals		16 AX two-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.261.30N**	**MGU3.161.30N**	**MGU3.263.30N**	**MGU3.163.30N**
graphite	**MGU3.261.12N**	**MGU3.161.12N**	**MGU3.263.12N**	**MGU3.163.12N**
	Blue LED lamp, connected internally			

P138670
MGU3.261.12S

P84237
MGU3.161.12S

16 AX – 250 V AC switches with amber indicator lamp

	16 AX one-way screw terminals		16 AX double pole one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.261.30S**	**MGU3.161.30S**	**MGU3.262.30S**	**MGU3.162.30S**
graphite	**MGU3.261.12S**	**MGU3.161.12S**	**MGU3.262.12S**	**MGU3.162.12S**
	Amber LED lamp, connected internally			

	16 AX two-way screw terminals	
		
Colour	2 modules	1 module
aluminium	**MGU3.263.30S**	**MGU3.163.30S**
graphite	**MGU3.263.12S**	**MGU3.163.12S**
	Amber LED lamp, connected internally	

P84019

MGU3.206.30

P83993

MGU3.106.30

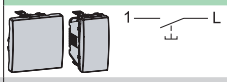
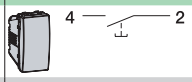
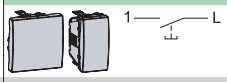
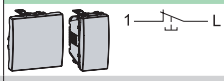
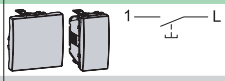
P84253

MGU3.206.12C

P84228

MGU3.106.12C

10 A – 250 V AC push-buttons

	10 A screwless terminals		10 A screw terminals	
				
Colour	2 modules	1 module	1 module	
aluminium	**MGU3.206.30**	**MGU3.106.30**	**MGU3.106T.30**	
graphite	**MGU3.206.12**	**MGU3.106.12**	**MGU3.106T.12**	
	10 A screwless terminals with bell symbol			
				
Colour	2 modules	1 module		
aluminium	**MGU3.206.30C**	**MGU3.106.30C**		
graphite	**MGU3.206.12C**	**MGU3.106.12C**		
	10 A screwless terminals		**10 A screwless terminals with light symbol**	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.236.30**	**MGU3.136.30**	**MGU3.206.30L**	**MGU3.106.30L**
graphite	**MGU3.236.12**	**MGU3.136.12**	**MGU3.206.12L**	**MGU3.106.12L**
	Normally closed position			

P84025

MGU3.206.30N

P83999

MGU3.106.30N

P84254

MGU3.206.12CN

P84229

MGU3.106.12CN

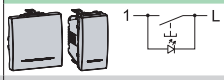
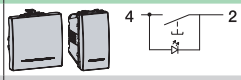
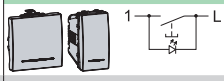
P84024

MGU3.206.30LN

P83998

MGU3.106.30LN

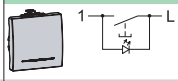
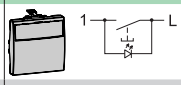
10 A – 250 V AC push-buttons with blue locator lamp

	10 A screwless terminals		10 A screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.206.30N**	**MGU3.106.30N**	**MGU3.206T.30N**	**MGU3.106T.30N**
graphite	**MGU3.206.12N**	**MGU3.106.12N**		**MGU3.106T.12N**
	Blue LED lamp, connected internally			
	10 A screwless terminals with bell symbol			
Colour	2 modules	1 module		
aluminium	**MGU3.206.30CN**	**MGU3.106.30CN**		
graphite	**MGU3.206.12CN**	**MGU3.106.12CN**		
	Blue LED lamp, connected internally			
	10 A screwless terminals with light symbol			
				
Colour	2 modules	1 module		
aluminium	**MGU3.206.30LN**	**MGU3.106.30LN**		
graphite	**MGU3.206.12LN**	**MGU3.106.12LN**		
	Blue LED lamp, connected internally			

P103833
MGU3.246.3012V

P103834
MGU3.246.1212V

10 A – 12 V AC push-buttons

	10 A screwless terminals with bell symbol	10 A screwless terminals with illuminated label holder
		
Colour	2 modules	2 modules
aluminium	**MGU3.216.30CN**	**MGU3.246.3012V**
graphite		**MGU3.246.1212V**
	Blue LED lamp, connected internally	Amber LED lamp, connected internally

P88788
MGU3.701.30

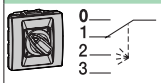
P88789
MGU3.701.12

P84101
MGU3.579.30

P84334
MGU3.579.12

Key and rotary switches

	Key switch - 2 positions
Colour	2 modules
aluminium	**MGU3.701.30**
graphite	**MGU3.701.12**

	40- 3000 W/VA rotary switch - 4 positions
	
Colour	2 modules
aluminium	**MGU3.579.30**
graphite	**MGU3.579.12**

Replacement lamps

LED for 250 V AC switches and push-buttons with locator/indicator lamp

P127268
MGU0.825.AL

P127267
MGU0.825.AZL

P86075
MGU0.822.AL

P86076
MGU0.822.AZL

Colour		
amber	**MGU0.825.AL**	**MGU0.822.AL**
blue	**MGU0.825.AZL**	**MGU0.822.AZL**
	For switches and push-buttons with screwless terminals from November 2011 (except intermediate switches).	• Before November 2011, for all switches and push-buttons, • From November 2011, for switches and push-buttons with srew terminals and intermediate switches.

LED for 12 V AC push-buttons

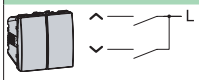
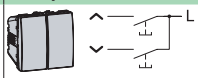
P86077
MGU0.823.AM

Colour	
yellow	**MGU0.823.AM**

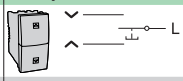
Specialized controls

Mechanisms for roller blinds

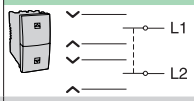
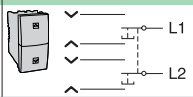
MGU3.208.30 *MGU3.207.12*

	10 A switch screwless	10 A push-button screwless
		
Colour	2 modules	2 modules
aluminium	**MGU3.208.30**	**MGU3.207.30**
graphite	**MGU3.208.12**	**MGU3.207.12**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

MGU3.108T.30 *MGU3.107T.12*

	10 A switch with screw terminals	10 A push-button with screw terminals
		
Colour	1 module	1 module
aluminium	**MGU3.108T.30**	**MGU3.107T.30**
graphite	**MGU3.108T.12**	**MGU3.107T.12**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

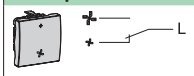
MGU3.109T.30 *MGU3.127T.12*

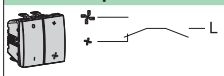
	10 AX double pole switch with screw terminals	10 AX double pole push-button with screw terminals
		
Colour	1 module	1 module
aluminium	**MGU3.109T.30**	**MGU3.127T.30**
graphite	**MGU3.109T.12**	**MGU3.127T.12**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

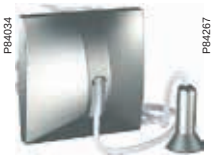
Mechanisms for VMC

MGU3.203.30VMC *MGU3.203.12VMC*

MGU3.214.30 *MGU3.214.12*

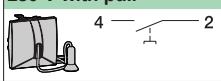
	VMC speed switch
	
Colour	2 modules
aluminium	**MGU3.203.30VMC**
graphite	**MGU3.203.12VMC**

	VMC two speed and ON/OFF switch
	
Colour	2 modules
aluminium	**MGU3.214.30**
graphite	**MGU3.214.12**



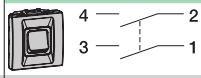
MGU3.226.30 *MGU3.226.12*

Cord push-button

	250 V with pull
	
Colour	2 modules
aluminium	**MGU3.226.30**
graphite	**MGU3.226.12**
	Cable length: 1 m

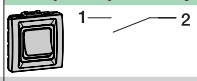
MGU3.224.30

20 A – 250 V high rating switches

	20 AX double pole one-way
	
Colour	2 modules
aluminium	**MGU3.224.30**

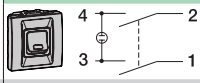
MGU3.231.30

32 A – 250 V high rating switches

	32 A (25 AX) one-way
	
Colour	2 modules
aluminium	**MGU3.231.30**
graphite	**MGU3.231.12**

MGU3.224.30S

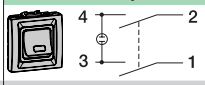
20 AX – 250 V high rating switch with amber indicator lamp

	20 AX double pole one-way
	
Colour	2 modules
aluminium	**MGU3.224.30S**
	Amber neon lamp, connected internally

MGU3.232.30S

MGU3.232.12S

32 AX – 250 V high rating switch with amber indicator lamp

	32 AX double pole one-way
	
Colour	2 modules
aluminium	**MGU3.232.30S**
graphite	**MGU3.232.12S**
	Amber neon lamp, connected internally

Protection

Fuse holders

P84115

MGU3.630.30

P84117

MGU3.631.30

	10 A
Colour	1 module
aluminium	**MGU3.630.30**
	For cylindrical fuses up to 10 A with dimensions 6x32 mm
	16 A
Colour	2 modules
aluminium	**MGU3.631.30**
graphite	**MGU 3.631.12**
	For 00 type fuses

Comfort controls

Rotary electronic dimmers switches

P90600

MGU3.511.30

P97788

MGU3.559.30

P90597

MGU3.510.12

P90597

MGU5.512.30ZD

	40-400 W/VA one/two way switch	60-400W/VA one way switch
Colour	2 modules	1 module
aluminium	**MGU3.511.30**	**MGU3.559.30**
graphite	**MGU3.511.12**	**MGU3.559.12**
	• One pulse to switch on (or off) and rotation to regulate load	
	400 VA, 1-10 V for fluorescent tubes	**40 - 1000 W/VA**
Colour	2 modules	2 modules
aluminium	**MGU3.510.30**	**MGU5.512.30ZD**
graphite	**MGU3.510.12**	**MGU5.512.12ZD**
	• Max. control current: 200 mA • Compliant with the interference suppression (EMC) standard EN 60669-2-1 • 4-wire connection	• Compliant with the interference suppression (EMC) standard EN 60669-2-1 • 3-wire connection

Push-button dimmer switch

P90604

MGU3.515.30

	Multi-load Variapush (pulse control) 20-350 W/VA
Colour	2 modules
aluminium	**MGU3.515.30**
graphite	**MGU3.515.12**
	Compliant with the interference suppression (EMC) standard EN 60669-2-1

Load table

MGU3.511.XX	MGU3.559.XX	MGU3.510.XX	MGU5.512.XX	MGU3.515.XX	Maximum loads	
400 W	400 W		1000 W	250 W		230 V AC incandescent lamps
400 W	400 W		1000 W	350 W		230 V AC halogen lamps
400 VA			1000 VA	350 VA		ELV halogen lamps with ferromagnetic transformer (non toroidal)
				300 VA		ELV lamps with toroidal transformer
				350 VA		ELV halogen lamps with electronic transformer
		400 VA 1-10 V				• 230 V AC fluorescent tube, Φ 26 or Φ 38 mm with 1-10 V electronic ballast • 230 V AC fluorescent tube, 36 W with 10 electronic ballasts (1-10 V) • 230 V AC fluorescent tube, 2 x 16 W, Φ 26 or Φ 30 mm with 5 electronic ballasts (1-10 V) • Maximum control of 50 electronic ballasts (1-10 V) with an external relay
				200 W		230 V AC fans
				350 W		230 V AC convectors
			600 W			230 V AC motors
					Installation	
					Installed in place of a switch	
					May be controlled by push-buttons: up to 25 push-buttons in the surrounding area	

P90606

MGU3.524.30

P90607

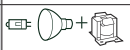
MGU3.525.12

Movement and presence detectors

	300 W detector	2300 W detector
Colour	2 modules	2 modules
aluminium	**MGU3.524.30**	**MGU3.525.30**
graphite	**MGU3.524.12**	**MGU3.525.12**

- Adjustable disconnection time and brightness
- Optional switching of the load connected to the control switch using conventional auxiliary push-buttons

Load table

MGU3.524.XX	**MGU3.525.XX**		
		Maximum loads	
300 W	2300 W		230 V AC incandescent lamps
300 W	2000 W		230 V AC halogen lamps
	1050 VA		ELV halogen lamps with wire-wound transformer (non toroidal)
	1150 VA		ELV halogen lamps with electronic transformer
	2000 VA cos φ ≥ 0,9		230 V AC fluorescent tubes Φ 26 or Φ 38 mm
	500 VA		230 V AC compact fluorescent lamps
	200 VA		230 V AC fans
300 W cos φ ≥ 0.95	2300 W		230 V AC convectors
	200 VA		230 V AC contactors
		Installation	
		Parallel connection: max. 2 detectors for a load	
		Possibility of using up to 5 push-buttons in the surrounding area	

P90596

MGU3.501.30

P84323

MGU3.505.12

P103850

MGU3.503.30

P90610

MGU3.535.30

P84093

MGU3.541.30

Thermostats

	8 A basic thermostat	8 A resistive/5 A inductive weekly programmable thermostat
Colour	2 modules	2 modules
aluminium	**MGU3.501.30**	**MGU3.505.30**
graphite	**MGU3.501.12**	**MGU3.505.12**
	Used to control heating and air conditioning according to pre-programmed times and temperatures	

	10 A floor thermostat
Colour	
aluminium	**MGU3.503.30**
graphite	**MGU3.503.12**
	Delivered with 4 m temperature sensor

Time delay switch

	8 A press activated time delay switch
Colour	2 modules
aluminium	**MGU3.535.30**
graphite	**MGU3.535.12**
	• For all load types • Adjustable disconnection time (2 s - 12 min.) • Optional switching on using conventional push-button • Included night blue locator lamp

Weekly programmable timer

	Weekly programmable
Colour	2 modules
aluminium	**MGU3.541.30**
graphite	**MGU3.541.12**
	• 230 V 1200 W (incandescent and halogen) • 1000 VA (halogen 12 V with electromagnetic transformer) • 28 intervals

P84095

MGU3.546.30

P84094

MGU3.545.30

P84092

MGU3.540.30

P84281

MGU3.283.12

P86078

MGU0.824

P101664

MGU3.710.30

P101668

MGU3.711.12

P101672

MGU3.713.30

P101673

MGU3.712

P101680

MGU3.716.12

Weatherstation

	Weatherstation
Colour	2 modules
aluminium	**MGU3.546.30**
graphite	**MGU3.546.12**
	• Ambient temperature • Atmospheric pressure • Relative humidity

Wake up clock

	Wake up clock
Colour	2 modules
aluminium	**MGU3.545.30**
graphite	**MGU3.545.12**
	• Double alarm • “SNOOZE” function • Indication of ambent temperature

Key card switches

	8 A timed		10 A	
	for Unica Top	for Unica Class	for Unica Top	for Unica Class
Colour	2 modules	2 modules	2 modules	2 modules
aluminium	**MGU3.540.30**	**MGU3.540.30CS**	**MGU3.283.30**	**MGU3.283.30CS**
graphite	**MGU3.540.12**	**MGU3.540.12CS**	**MGU3.283.12**	**MGU3.283.12CS**
	With locator lamp			
	Supplementary lamp for key card switch			
	MGU0.824			

Technical alarms

Detectors

	Methane gas detectors - 12 V AC/DC	LPG gas detectors - 12 V AC/DC
Colour	2 modules	2 modules
aluminium	**MGU3.710.30**	**MGU3.711.30**
graphite	**MGU3.710.12**	**MGU3.711.12**
	Flood detectors - 12 V AC/DC	**Sensor for flood detectors**
Colour	2 modules	
aluminium	**MGU3.713.30**	**MGU3.712** (white)
graphite	**MGU3.713.12**	

Power supplies

	230 V AC/ 12 V AC - 50/60 Hz
Colour	2 modules
aluminium	**MGU3.716.30**
graphite	**MGU3.716.12**

Socket-outlets

German socket-outlets

P109652
MGU3.057.30

P109661
MGU3.057.12TA

	16 A 2P + E, shuttered, screwless	16 A 2P + E, shuttered, screwless, hinged flap
Colour	2 modules	2 modules
aluminium	**MGU3.057.30**	**MGU3.057.30TA**
graphite	**MGU3.057.12**	**MGU3.057.12TA**
red	**MGU3.057.03**	
green	**MGU3.057.06**	
	Side earth	

P109659
MGU3.057.30SL

	16 A 2P + E, shuttered, screwless with lamp
Colour	2 modules
aluminium	**MGU3.057.30SL**
graphite	
red	**MGU3.057.03SL**
	Side earth

P83974
MGU3.036.30

P84207
MGU3.036.12

	16 A 2P + E, screw terminals
Colour	2 modules
aluminium	**MGU3.036.30**
graphite	**MGU3.036.12**
	Side earth

P83975
MGU3.037.30

P84209
MGU3.037.12TA

	16 A 2P + E, shuttered, screw terminals	16 A 2P + E, shuttered, screw terminals, hinged flap
Colour	2 modules	2 modules
aluminium	**MGU3.037.30**	**MGU3.037.30TA**
graphite	**MGU3.037.12**	**MGU3.037.12TA**
red	**MGU3.037.03**	
green	**MGU3.037.06**	
orange	**MGU3.037.61**	
	Side earth	

P109645
MGU3.040.30

P109642
MGU3.040.12

	16 A 2P + E, shuttered, screw terminals with lamp
Colour	2 modules
aluminium	**MGU3.037.30SL**
graphite	**MGU3.037.12SL**
red	**MGU3.037.03SL**
	Side earth

MGU3.059.30

MGU3.059.12

MGU3.039.30

MGU3.039.12

MGU3.039.30SL

MGU3.039.12SL

MGU3.030.30

MGU3.030.12

MGU3.023.30

MGU3.023.12

MGU3.045.30

MGU3.046.30

French socket-outlets

	16 A 2P + E, shuttered, screwless
Colour	2 modules
aluminium	**MGU3.059.30**
graphite	**MGU3.059.12**
	Pin earth

	16 A 2P + E, shuttered, screwless with lamp
Colour	2 modules
red	**MGU3.059.03SL**
	Pin earth

	16 A 2P + E, shuttered, screw terminals
Colour	2 modules
aluminium	**MGU3.039.30**
graphite	**MGU3.039.12**
red	**MGU3.039.03**
	Pin earth

	16 A 2P + E, shuttered, screw terminals with lamp
Colour	2 modules
aluminium	**MGU3.039.30SL**
graphite	**MGU3.039.12SL**
red	**MGU3.039.03SL**
	Pin earth

Italian socket-outlets

	10 A 2P, Italian earth, shuttered, screw terminals
Colour	1 module
aluminium	**MGU3.030.30**
graphite	**MGU3.030.12**

	16 A 2P, Italian earth, shuttered, screw terminals
Colour	1 module
aluminium	**MGU3.023.30**
graphite	**MGU3.023.12**

British socket-outlets

	13 A 2P + E, shuttered, screw terminals	15 A 2P + E, shuttered, screw terminals
Colour	2 modules	2 modules
aluminium	**MGU3.045.30**	**MGU3.046.30**
graphite	**MGU3.045.12**	

P124995

MGU3.047.30

MGU3.077.30

MGU3.077.30

P83972

MGU3.031.30

P84206

MGU3.033.12

P83969

MGU3.021.30

P84212

MGU3.041.12

P104068

MGU3.068.30

P104070

MGU3.064.30

Special socket-outlet

	16 A 2P + E, shuttered, screw terminals	10 A 2P, shuttered, screw terminals
Colour	2 modules	1 module
aluminium	**MGU3.047.30**	**MGU3.077.30**
graphite	**MGU3.047.12**	**MGU3.077.12**
red	**MGU3.047.03**	

European socket-outlets

	10 A 2P, shuttered, screw terminals	16 A 2P, shuttered, screw terminals
Colour	1 module	2 modules
aluminium	**MGU3.031.30**	**MGU3.033.30**
graphite	**MGU3.031.12**	**MGU3.033.12**
	Only for replacements in installations without an earthing connection	Only for replacements

Euroamerican socket-outlets

	2P, shuttered, screw terminals
Colour	1 module
aluminium	**MGU3.021.30**
graphite	**MGU3.021.12**
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins

	2P + E, screw terminals	2P + E, shuttered, screw terminals
Colour	2 modules	2 modules
aluminium	**MGU3.041.30**	**MGU3.048.30**
graphite	**MGU3.041.12**	
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins	

	2P + E, shuttered, screw terminals
Colour	3 modules
aluminium	**MGU3.068.30**
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins

	20 VA shaver socket, screw terminals
Colour	3 modules
aluminium	**MGU5.064.30**
	Input: 240 V, output: 115/240 V, 50 or 60 Hz, for shaver only

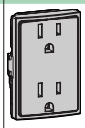
P86071

MGU3.025.30

P86091

MGU3.061.12

American socket-outlets

	15 A 2P + E, screw terminals	15 A 2P + E, shuttered, screw terminals
		
Colour	1 module	3 modules
aluminium	**MGU3.028.30**	**MGU3.061.30**
graphite	**MGU3.028.12**	**MGU3.061.12**

P109721

MGU0.839.30

P109718

MGU0.839.12

Socket-outlet centerplate with lamp

	For french socket-outlet
Colour	2 modules
aluminium	**MGU0.839.30**
graphite	**MGU0.839.12**

Data sockets

RJ45 data sockets

MGU3.411.30

MGU3.410.12

	Category 5e, unshielded		Category 5e, shielded	
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.411.30** (1)	**MGU3.410.30** (1)	**MGU3.413.30** (2)	**MGU3.412.30** (2)
graphite	**MGU3.411.12** (1)	**MGU3.410.12** (1)	**MGU3.413.12** (2)	**MGU3.412.12** (2)
Colour		1 module	2 modules	1 module
aluminium		**MGU3.420.30** (1)	**MGU3.423.30** (2)	**MGU3.422.30** (2)
graphite		**MGU3.420.12** (1)	**MGU3.423.12** (2)	**MGU3.422.12** (2)
	Category 6, unshielded		**Category 6, shielded**	
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.415.30** (3)	**MGU3.414.30** (3)	**MGU3.417.30** (4)	**MGU3.416.30** (4)
graphite	**MGU3.415.12** (3)	**MGU3.414.12** (3)	**MGU3.417.12** (4)	**MGU3.416.12** (4)
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.425.30** (3)	**MGU3.424.30** (3)	**MGU3.427.30** (4)	**MGU3.426.30** (4)
graphite	**MGU3.425.12** (3)	**MGU3.424.12** (3)	**MGU3.427.12** (4)	**MGU3.426.12** (4)
	Category 6_A, unshielded		**Category 6_A, shielded**	
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU3.445.30** (5)	**MGU3.444.30** (5)	**MGU3.447.30** (6)	**MGU3.446.30** (6)
graphite	**MGU3.445.12** (5)	**MGU3.444.12** (5)	**MGU3.447.12** (6)	**MGU3.446.12** (6)

RJ45 data connector covers

MGU9.421.30

MGU9.420.12

MGU9.460.30

MGU9.461.12

	LexCom		Infraplus	
Colour	2 modules	1 module	2 modules	1 module
aluminium	**MGU9.421.30**	**MGU9.420.30**	**MGU9.411.30**	**MGU9.410.30**
graphite	**MGU9.421.12**	**MGU9.420.12**	**MGU9.411.12**	**MGU9.410.12**
	Universal			
Colour	2 modules	1 module		
aluminium	**MGU9.460.30**	**MGU9.461.30**		
graphite	**MGU9.460.12**	**MGU9.461.12**		
	See technical information pages for compatility table			

Actassi S-one RJ45 connectors reference numbers included into Unica data sockets:
(1) VDIB17725U, (2) VDIB17725B, (3) VDIB17726U, (4) VDIB17726B, (5) VDIB1772XU, (6) VDIB1772XB.

VDIB17725U

VDIB17725B

VDIB17726U

VDIB17726B

VDIB1772XU

VDIB1772XB

P132973

MGU9.438.30

Optical fibre center plates

Common characteristics
- Ambient air temperature for operation: 5 to 35 °C
- Standard: IEC 60874
- Degree of protection: IP20/ IK04.

	SC/SC APC duplex type
Colour	
aluminium	**MGU9.438.30**
	• Support to receive any SC simplex and duplex adapters • Support to receive **Actassy** optical fibre adapters: ○ SC Duplex multi mode adapters: ref. n° VDIB6031001 and VDIB6031002 ○ SC Duplex single mode adapters: ref. n° VDIB6032001 and VDIB6032002 ○ SC APC Duplex single mode adapter: ref. n° VDIB6082001 ○ SC APC Simplex single mode adapter: ref. n° VDIB6072001.

P133697

VDIB6031001
VDIB6031002

P133698

VDIB6032001
VDIB6032002

P133701

VDIB6082001

P133695

VDIB6072001

TV/FM/SAT sockets

TV/FM sockets

MGU3.451.30

MGU3.451.12

	TV/FM socket for parallel distribution systems	
Colour	2 modules	2 modules
aluminium	**MGU3.451.30**	**MGU3.469.30**
graphite	**MGU3.451.12**	**MGU3.469.12**
	• 47-860 MHz • Individual socket	• 47-860 MHz • Individual socket with galvanic insulation

	TV/FM sockets for series distribution systems	
Colour	2 modules	2 modules
aluminium	**MGU3.452.30**	**MGU3.453.30**
graphite	**MGU3.452.12**	**MGU3.453.12**
	• 47-860 MHz • End-of-line (terminal socket)	• 47-860 MHz • Intermediate socket (passage socket)

R-TV/SAT sockets

MGU3.454.30

MGU3.454.12

	R-TV/SAT socket for parallel distribution systems	R-TV/SAT socket for series distribution systems
Colour	2 modules	2 modules
aluminium	**MGU3.454.30**	**MGU3.455.30**
graphite	**MGU3.454.12**	**MGU3.455.12**
	• 10-2400 MHz • Individual socket	• 10-2400 MHz • End-of-line (terminal)

	R-TV/SAT socket for series distribution systems
Colour	2 modules
aluminium	**MGU3.456.30**
graphite	**MGU3.456.12**
	• 10-2400 MHz • Intermediate socket (passage)

R/TV/SAT sockets

MGU3.450.30

MGU3.450.12

	R/TV/SAT socket for parallel distribution systems
Colour	2 modules
aluminium	**MGU3.450.30**
graphite	**MGU3.450.12**
	• R: 5-108 MHz / TV: 125-862 MHz / SAT: 950-2400 MHZ • Individual socket

TV/SAT sockets

MGU3.468.30

MGU3.468.12

	TV/SAT Female socket-F type
Colour	1 module
aluminium	**MGU3.468.30**
graphite	**MGU3.468.12**

P84065
MGU3.462.30

P84300
MGU3.464.12

SAT single shielded sockets

	Male individual	Male terminal
Colour	2 modules	2 modules
aluminium	**MGU3.462.30**	**MGU3.464.30**
graphite	**MGU3.462.12**	**MGU3.464.12**
	5-2150 MHz	

	Male passage
Colour	2 modules
aluminium	**MGU3.463.30**
graphite	**MGU3.463.12**
	5-2150 MHz

P84068
MGU3.465.30

P84303
MGU3.467.12

TV single shielded sockets

	Female individual	Female terminal
Colour	2 modules	2 modules
aluminium	**MGU3.465.30**	**MGU3.467.30**
graphite	**MGU3.465.12**	**MGU3.467.12**
	5-862 MHz	

	Female passage
Colour	2 modules
aluminium	**MGU3.466.30**
graphite	**MGU3.466.12**
	5-862 MHz

P84136
MGU9.440.30

P84370
MGU9.441.12

TV/FM/SAT cover plates

	TV/FM	R-TV/SAT
Colour	2 modules	2 modules
aluminium	**MGU9.440.30**	**MGU9.441.30**
graphite	**MGU9.440.12**	**MGU9.441.12**

Telephone sockets

RJ11 and RJ12

Screw connection. As per RD 1/1998 and RD 279/1999 (ICT): socket for the Terminal Access Database (TAD) for the telephony service.

MGU3.492.30

MGU3.490.12

MGU3.497.30

MGU3.491.12

	RJ11- 4 contacts screw	
Colour	2 modules	1 module
aluminium	MGU3.492.30	MGU3.490.30
graphite	MGU3.492.12	MGU3.490.12

	RJ12- 6 contacts screwless		RJ12- 6 contacts screw	
Colour	2 modules	1 module	2 modules	1 module
aluminium	MGU3.493.30	MGU3.495.30	MGU3.497.30	MGU3.491.30
graphite	MGU3.493.12	MGU3.495.12	MGU3.497.12	MGU3.491.12

British telephone sockets

MGU3.499.30

MGU3.499.12

	6 contacts screwless
Colour	1 module
aluminium	MGU3.499.30
graphite	MGU3.499.12

Belgian telephone sockets

MGU3.498.30

MGU3.498.12

	Belgacom type
Colour	2 modules
aluminium	MGU3.498.30
graphite	MGU3.498.12

Indication

Indicator lamps

MGU3.775.30A

MGU3.775.30R

MGU3.775.12V

MGU3.775.12T

MGU0.821

	Orange	Red
Colour	1 module	1 module
aluminium	MGU3.775.30A	MGU3.775.30R
graphite	MGU3.775.12A	MGU3.775.12R

	Green	Colourless
Colour	1 module	1 module
aluminium	MGU3.775.30V	MGU3.775.30T
graphite	MGU3.775.12V	MGU3.775.12T

	Neon lamp for indicator lamp
	MGU0.821

Multimedia sockets

USB data connectors

MGU3.429.30

	USB data connector
Colour	1 module
aluminium	**MGU3.429.30**
graphite	**MGU3.429.12**

- Output connectors: USB 2.0
- Connection: screw terminals
- Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible
- Ambient air temperature for operation: - 5°C to + 40°C
- Standards: IEC 998-1, IEC 998-2-1
- Protection degrees: IP21/IK04

HDMI sockets

MGU3.430.30

	HDMI prewired socket
Colour	1 module
aluminium	**MGU3.430.30**
graphite	**MGU3.430.12**

- Ambient air temperature for operation: - 5°C to + 40°C
- Standards: EN 50157, EN 50049
- Protection degrees: IP21/IK04

RCA sockets

MGU3.431.30

	3 RCA female socket
Colour	1 module
aluminium	**MGU3.431.30**
graphite	**MGU3.431.12**

- Connection: screw terminals
- Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible
- Ambient air temperature for operation: - 5°C to + 40°C
- Protection degrees: IP21/IK04

HD15 sockets

MGU3.432.30

	HD15 female socket
Colour	1 module
aluminium	**MGU3.432.30**
graphite	**MGU3.432.12**

- Ambient air temperature for operation: - 5°C to + 40°C
- Protection degrees: IP21/IK04

Mini jack sockets

MGU3.433.30

	Mini jack 3.5 mm socket
Colour	1 module
aluminium	**MGU3.433.30**
graphite	**MGU3.433.12**

- Ambient air temperature for operation: - 5°C to + 40°C
- Protection degrees: IP21/IK04

Bluetooth audio receivers

MGU70.567.30

MGU70.566.30

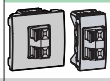
	In-wall bluetooth audio receiver	In-wall bluetooth audio receiver kit
Colour		
aluminium	**MGU70.567.30**	**MGU70.566.30**
graphite	**MGU70.567.12**	**MGU70.566.12**
	Delivered with: ● audio receiver device ● power supply	Delivered with: ● audio receiver device ● power supply ● 2 loudspeakers ● fixing frame with adaptator
	Characteristics: ● Audio receiver ○ 2 modules ○ voltage: 15-16 V DC	● Power supply ○ voltage: 93-265 V AC ○ frequency: 47-63 Hz

Loudspeakers and accessories

MGU70.598

MGU3.486.30

MGU3.487.12

	Loudspeakers 2.5”	
	MGU70.598	
	● 2 loudspeakers delivered with 2 cables (5 m, Φ 0.5 mm², red and white) ● Dimensions (diameter x depth): 95 mm x 36 mm ● Impedance: 8 Ω	
	Loudspeaker socket	
		
Colour	2 modules	1 module
aluminium	**MGU3.486.30**	**MGU3.487.30**
graphite	**MGU3.486.12**	**MGU3.487.12**
	Pressure-fixing of terminals	

USB chargers

MGU3.428.30

MGU3.418.30

MGU3.418.12

	Single USB
Colour	1 module
aluminium	**MGU3.428.30**
graphite	**MGU3.428.12**
	● Nominal input voltage: 100-240 V AC ±10 % ● USB output voltage: 5 V DC ± 5 % ● Nominal output current: 1 A ● Power consumption: < 0.1 W (in stand-by) ● Maximum output power: 7.5 W ● Overvoltage category: OVC III ● Isolation class: class II
	Double USB charger 2.1 A
Colour	2 modules
aluminium	**MGU3.418.30**
graphite	**MGU3.418.12**
	● Nominal input voltage: 100-240 V AC ±10 % ● USB output voltage: 5 V DC ± 5 % ● Nominal output current: 1 x 2.1 A (only left output) or 2 x 1.05 A (for 2 outputs) ● Power consumption: < 0.1 W (in stand-by) ● Maximum output power: 10.5 W ● Expected lifetime: 30 000 h for ouput power 10.5 W ● Overvoltage category: OVC III ● Isolation class: class II

P84126

MGU3.785.30

P84360

MGU3.786.12

Buzzer and electronic doorbell

	230 V, 50-60Hz buzzer	230 V electronic doorbell
Colour	2 modules	2 modules
aluminium	**MGU3.785.30**	**MGU3.786.30**
graphite	**MGU3.785.12**	**MGU3.786.12**
	With adjustable tone	5 tunes

P86079

MGU3.776.T

Emergency light

Emergency light
2 modules
MGU3.776.T

P86081

MGU3.780.T

Pilotlamp

Autonomous pilotlamp
2 modules
MGU3.780.T

P84129
MGU3.862.30

P84361
MGU3.860.12

P84141
MGU9.866.30

P84373
MGU9.865.12

Complementary offers

Cable outlet

	16 A	
Colour	2 modules	1 module
aluminium	**MGU3.862.30**	**MGU3.860.30**
graphite	**MGU3.862.12**	**MGU3.860.12**

- 3 x 2.5mm² connection terminals
- Anti-tug clamps

Blind cover plates

	Blind cover plate		
Colour	2 modules	1 module	1/2 module
aluminium	**MGU9.866.30**	**MGU9.865.30**	**MGU9.864.30**
graphite	**MGU9.866.12**	**MGU9.865.12**	**MGU9.864.12**

	Blind cover plate with groove
Colour	1 module
aluminium	**MGU9.868.30**

P140761
MGU9.200.30L

P140760
MGU9.100.30L

P140763
MGU9.200.30V

P140764
MGU9.100.30VMC

P140767
MGU9.200.30BOIL

P140766
MGU9.100.30BOIL

P140769
MGU9.200.30H

P140768
MGU9.100.30H

Rockers

	Rocker with light symbol	
Colour	2 modules	1 module
aluminium	**MGU9.200.30L**	**MGU9.100.30L**
graphite	**MGU9.200.12L**	**MGU9.100.12L**

	Rocker with fan symbol		Rocker with 2 speeds fan symbol	
Colour	1 module		2 modules	1 module
aluminium	**MGU9.200.30V**	**MGU9.100.30V**	**MGU9.200.30VMC**	**MGU9.100.30VMC**
graphite	**MGU9.200.12V**	**MGU9.100.12V**	**MGU9.200.12VMC**	**MGU9.100.12VMC**

	Rocker with boiler symbol	
Colour	2 modules	1 module
aluminium	**MGU9.200.30BOIL**	**MGU9.100.30BOIL**
graphite	**MGU9.200.12BOIL**	**MGU9.100.12BOIL**

	Rocker with heater symbol	
Colour	2 modules	1 module
aluminium	**MGU9.200.30H**	**MGU9.100.30H**
graphite	**MGU9.200.12H**	**MGU9.100.12H**

Emitters

Battery powered push-button

P104564

P104955

MGU86.071.30

	For Unica Top cover frames	For Unica Class cover frames
Colour		
alu	**MGU86.071.30**	**MGU88.071.30**
graphite	**MGU86.071.12**	**MGU88.071.12**

- Can control wireless receivers for light and/or roller blinds
- Supplied with a lithium battery, 1 large rocker, 2 narrow rockers and a set of symbols
- Flat fixing frame integrated to the product

Combined modules

Combined relay (on/off)

P104570

P104955

MGU3.572.30

	With neutral
Colour	
alu	**MGU3.572.30**
graphite	**MGU3.572.12**

- Supplied with 1 large rocker and 2 narrow rockers
- Wireless receiver and emitter in one single product

Combined dimmer

P104574

P104955

MGU3.573.30

	Without neutral
Colour	
alu	**MGU3.573.30**
graphite	**MGU3.573.12**

- Supplied with 1 large rocker and 2 narrow rockers
- Wireless receiver and emitter in one single product

Combined roller blind

P104578

P104955

MGU3.574.30

	With neutral
Colour	
alu	**MGU3.574.30**
graphite	**MGU3.574.12**

- Supplied with 1 large rocker and 2 narrow rockers
- Wireless receiver and emitter in one single product

Combined modules load table

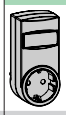
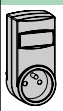
MGU3.572.XX	MGU3.573.XX	MGU3. 574.XX	Loads	
2300 W	20 - 315 W			230 V AC incandescent lamps
2000 W	20 - 315 W			230 V AC halogen lamps
500 VA	20 - 315 VA			230 V/12 V AC halogen lamps with ferromagnetic transformer (non toroidal) 230 V/12 V AC halogen lamps with electronic transformer
500 VA	20 - 270 VA			230 V/12 V AC halogen lamps with toroidal transformer
920 VA				230 V AC fluorescent tubes Φ 28 or Φ 38 mm (48 µF)
880 VA				230 V AC compact fluorescent lamps
880 W				230 V AC LED lamps
690 VA				230 V AC single phase motors and ventilators
		690 W		230 V AC single phase tubular motors for roller blind (with or without limit swiches)

Receivers

Mobile socket-outlets relay (on/off)

CCT1A020

CCT1A022

	German type mobile socket-outlet	French type mobile socket-outlet
		
Colour		
☐ white	**CCT1A020**	**CCT1A022**
	With one key for local control (switch)	

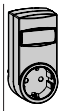
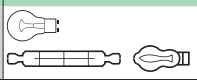
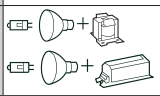
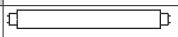
Mobile socket-outlets dimmer

CCT1A021

CCT1A023

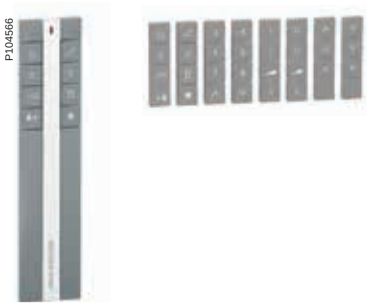
	German type mobile socket-outlet	French type mobile socket-outlet
Colour		
☐ white	**CCT1A021**	**CCT1A023**
	With one key for local control (dimmer)	

Mobile socket-outlets load table

 **CCT1A020 CCT1A022**	**CCT1A021 CCT1A023**	**Loads**	
2300 W	250 W		230 V AC incandescent lamps and halogen lamps
1840 VA	250 VA		230/12 V AC halogen lamps with ferromagnetic transformer (non toroidal) or with electronic transformer
1840 VA cos φ ≥ 0,9			230 V AC fluorescent tubes Φ 28 or Φ 38 mm (100 µF)
1840 VA			230 V AC compact fluorescent lamps
1840 W			230 V AC LED lamps
1380 W			230 V AC motors, ventilators

Remote controls

Metal remote control



CCT1A000

	8 keys to be customized
Colour	
dark grey	**CCT1A000**
	• Can control lights or/and roller blinds • 8 keys to program in simple mode and scenario mode • Supplied with 2 AAA batteries and 32 symbols

Keyring remote control

CCT1A010

	4 keys
Colour	
dark grey	**CCT1A010**
	• 4 keys to control lights and/or roller blinds • Convenient design to be used as a keyring or to be placed in a pocket • Supplied with Lithium CR2032 batteries

Complementary offer

Universal modules

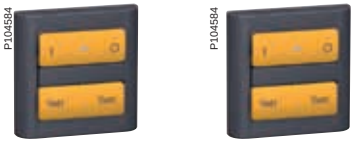
CCT1A030

	Universal emitter
white	**CCT1A030**
	• Converts mechanical push-button into a wireless emitter • 4 RF channels • Supplied with a lithium battery • Never use switches, only push-buttons

CCT1A031

	Universal receiver relay
grey	**CCT1A031**
	• Flush mounted or hidden in the ceiling • Light: 10 A max. • Engine: 3 A max.

Test kit



CCT1A090

	RF signal tester
dark grey	**CCT1A090**
	Kit content : 2 testers to check the quality of the RF signal transmission between two product locations

Accessories

MGU0.570.30

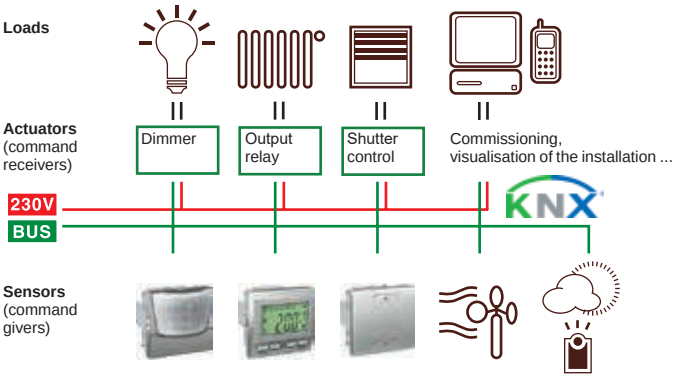
	Set of scenario symbols
Colour	
alu	**MGU0.570.30**
graphite	**MGU0.570.12**
	Set content: 2x cooking, 2x diner, 2x little light, 2x much light, 2x at home, 2x leaving home, 2x TV, 2x empty.

Introduction

The following Unica control devices have to be connected to KNX bus line.

The KNX bus line is laid in parallel to the 230 V power supply.

When Unica sensor is activated (for example, a push-button), an actuator (e.g. the roller shutter control) will carry out all the switching commands required.



Controls

Push-buttons

P117312
MGU3.530.30

P117309
MGU3.530.12

P117316
MGU3.531.30

P117313
MGU3.531.12

	2 buttons and 2 blue status LEDs, with screwless bus connecting terminals	4 buttons and 4 blue status LEDs, with screwless bus connecting terminals
Colour	2 modules	2 modules
aluminium	**MGU3.530.30**	**MGU3.531.30**
graphite	**MGU3.530.12**	**MGU3.531.12**
	• The status LED is located under the symbol window which can be taken off. • With integrated bus coupler. The bus is connected using a bus connecting terminal. **Contents:** • With set of 10 symbols: ○ 2x symbol with light opening, ○ 1x symbol “1”, ○ 1x symbol “0”, ○ 2x symbol for dimming, ○ 2x symbol for shutter, ○ 2x symbol (neutral). • With bus connecting terminal.	• The status LED is located under the symbol window which can be taken off. • With integrated bus coupler. The bus is connected using a bus connecting terminal. **Contents:** • With set of 20 symbols: ○ 4x symbol with light opening, ○ 2x symbol “1”, ○ 2x symbol “0”, ○ 4x symbol for dimming, ○ 4x symbol for shutter, ○ 4x symbol (neutral). • With bus connecting terminal.
	KNX software functions: Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.	

P117320
MGU3.532.30

P117317
MGU3.532.12

	2 buttons, blue status LED and Infra Red (IR) receiver, with screwless bus connecting terminals
Colour	2 modules
aluminium	**MGU3.532.30**
graphite	**MGU3.532.12**
	• The status LED is located under the symbol window which can be taken off. The functions of each of the button can be triggered using an IR remote control. The push-button is pre-programmed for operation with a Schneider-Electric IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons. • With integrated bus coupler. The bus is connected using a bus connecting terminal. • Transmitter**:** IR remote control Distance, ref. MTN570222. • Contents: With bus connecting terminal.
	KNX software functions: Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

P115471
MTN570222

	Infra Red (IR) remote control for IR push-button receiver
Colour	
black	**MTN570222**
	• 10-channel IR remote control • Battery: 2 microcells (IEC LR 03, AAA) • Range: up to 20 m • Contents: without battery.

Comfort controls

P117324

MGU3.533.30

P117321

MGU3.533.12

Movement detector, with screwless bus connecting terminals

Colour	2 modules
aluminium	**MGU3.533.30**
graphite	**MGU3.533.12**

When a movement is detected, a data telegram defined by the programming is transmitted.
- Two movement sensors: the sensitivity and range can be set separately for each sensor
- Detection angle: 180°
- Installation height : 1 m to 2.5 m
- Detection area at 2.15 m mounting height : Approx. 9 m on all sides, adjustable in 10 steps (rotary switch or ETS)
- Detection brightness: Infinite setting from approx. 10 lux to approx.1000 lux (rotary switch) or from 10 lux to 2000 lux (ETS)
- Overshoot time: Adjustable in 6 steps from approx. 1 s to approx. 8 min (rotary switch) or adjustable from 1 s to 255 hours (ETS)
- EC guidelines: Low-voltage guideline 2006/95/EEC and EMC guideline 2004/108/EC
- With bus connecting terminal. The bus is connected using a bus connecting terminal.

KNX software functions: 5 movement blocks: up to 4 functions can be triggered per block. Telegrams: 1 bit, 1 byte, 2 bytes.

P117328

MGU3.534.30

P117325

MGU3.534.12

Room temperature control unit, with screwless bus connecting terminals

Colour	2 modules
aluminium	**MGU3.534.30**
graphite	**MGU3.534.12**

- With display and 4 buttons
- 2-step control, continuous PI controller, switching PI controller (PWM)
- Output: continuous in the range 0 to 100% or switching On/Off
- Controller mode:
  - Heating with one controller output
  - Cooling with one controller output
  - Heating and cooling with separate controller outputs
  - Heating and cooling with one controller output
  - 2-step heating with 2 control outputs
  - 2-step cooling with 2 control outputs
  - 2-step heating and cooling with 4 control outputs
- Operating modes: Comfort, comfort extension, standby, night reduction, frost/heat protection

Move all setpoints, save all setpoint temperatures and operating modes when reset, external temperature monitoring, additional output of the control value as 1 byte value on the PWM.
With bus connecting terminal. The bus is connected using a bus connecting terminal.

For more information on functions and products in association with KNX, go to Schneider Electric KNX catalogue.

Fixing frames and boxes

P84434

MGU7.002

Universal fixing frames

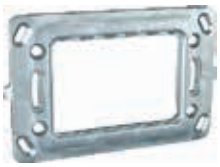
	Fixing frame without claws
Type	1 gang
zamak	**MGU7.002**
plastic	**MGU7.002.P**
	For attachable universal box

	Fixing frame with short fixed claws	Fixing frame with long fixed claws
Type	1 gang	1 gang
zamak	**MGU7.002.GG**	**MGU7.002.GL**
		MGU7.002.GLS (1)
plastic		**MGU7.002.PGL**
	For attachable universal box	(1) Mounted with stainless claws

P84440

MGU7.004.P

	Fixing frame without claws	Short claws with plastic protection
Type	2 gang	
plastic	**MGU7.004.P**	**MGU7.892**
	For attachable universal box	Set of 20 units


P84442

MGU7.103

Italian fixing frames

	Italian fixing frames	
Type	3 modules	4 modules
zamak	**MGU7.103**	**MGU7.104**
plastic	**MGU7.103.P**	**MGU7.104.P**

P109738

MGU7.012

P109738

MGU7.012.GL

57 mm interaxis fixing frames

	Fixing frames without claws	Fixing frames with long stainless claws	Extension for long claws
Type	1 gang	1 gang	
zamak	**MGU7.012**	**MGU7.012.GLS**	**MGU7.892.A**
			Set of 20 units, to be assembled with long claws

P84558

MGU87.022.58

Boxes

	Surface mounting with clip-on fixing frame		
Colour	1 gang	2 gang	3 gang
technical grey	**MGU87.022.58**	**MGU87.024.58**	**MGU87.026.58**
graphite grey	**MGU87.022.62**	**MGU87.024.62**	**MGU87.026.62**

P84576

MGU8.624

P86157

MGU8.603

	Flush mounting		Italian flush mounting	
	2 x 4 modules	2 x 6 modules	3 modules	4 modules
	MGU8.624	**MGU8.626**	**MGU8.603**	**MGU8.604**

P85900

MGU8.601

	Insulated box for thin panels
	MGU8.601

Unica Class

P113231
Version : 1.0 - 24 janvier 2017
LSB03407EN

Unica Class aesthetics

Unica Class Slate

Natural Slate*
MGU68.002.7Z1

Unica Class Metal

Ice Aluminium
MGU68.002.7A1

Apple Aluminium
MGU68.002.7A2

Corten Steel Oxide*
MGU68.002.7A3

Unica Class Glass

White Glass
MGU68.002.7C2

Grey Glass
MGU68.002.7C3

Black Mirror
MGU68.002.7C1

Unica Class Leather

Sahara Leather*
MGU68.002.7P1

Truffle Leather*
MGU68.002.7P2

** Unica Class cover frames are made of true natural materials. For Slate, Oxide, and Leather finishings, the typical natural aesthetic variations of each material have been respected. They are present, making each cover frame unique and different from any other.*

P1164_02
Version : 1.0 - 24 janvier 2017
LSB03407EN

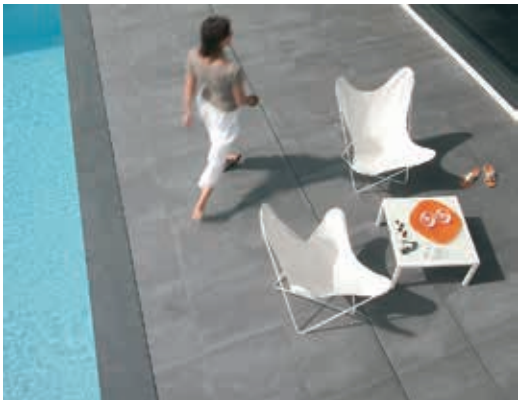
P116402

Slate

Minerals are timeless and eternal. Those qualities bring a very special ambience into a room. Stone enhances the simplicity in all strict and neat surroundings. The individual patterns and shapes of minerals also increase a room's personally flavored distinction.

P116738

Now you can let this fine-grained and metamorphic rock adorn your home with its natural rough elegance and ancient beauty. The slate version of Unica Class deserves to be admired, but it handles actual touching as well, since it has been anti-fingerprint-treated.



P116737

P116412

Metal

It's shining, it's clean. The Unica Class steel and aluminium covers have a solid elegance which enhances spartan interior ideas.

P116604

It's as proper in a working environment, as in the architect's own home. Choose between the brushed Ice or Apple Aluminium, and the Corten Steel with oxided finishing to get that rusty look.

P113204

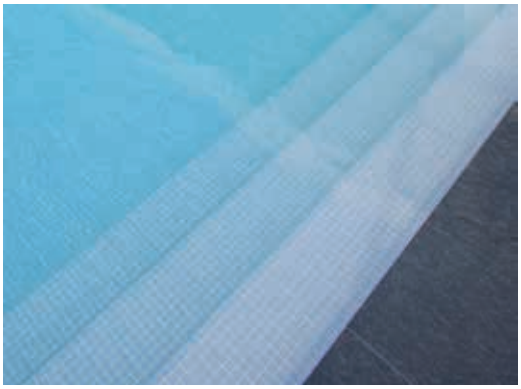
P116397

Glass

Glass has been used in electric devices from electricity's earliest years. It was also the first modernist architects' preferred material. And now the Unica Class cover frames take the utilization and design of glass one step further.

P113239

Highlight the crispy ambience in a bright room with Unica Class in radiant
white glass, make it exuberant and exciting with black mirror glass, or choose the grey version for a neutral look. All are made of tempered glass for maximum mechanical resistance.



P116391

P116723

Leather

No other material wears the years as well as leather. It's organic, which gives it a completely unique feeling and fragrance. It also has an intriguing shine, which time will increase. And the use of leather in cover frames is as unusual as thrilling!

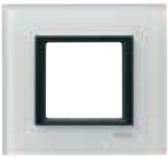
P116734

The Unica Class frame covers are made of the best quality leather which heightens the level of sophistication in any distinguished setting. Choose between the vibrant chocolate colored Truffle and the creamy beige Sahara.

P116732

Cover frames

P116439

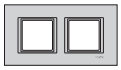


MGU68.002.7C2

	1 gang
Colour	
black mirror	**MGU68.002.7C1**
white glass	**MGU68.002.7C2**
grey glass	**MGU68.002.7C3**
ice aluminium	**MGU68.002.7A1**
apple aluminium	**MGU68.002.7A2**
corten steel oxyde*	**MGU68.002.7A3**
slate*	**MGU68.002.7Z1**
sahara leather*	**MGU68.002.7P1**
truffle leather*	**MGU68.002.7P2**

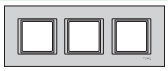
P116440

MGU68.004.7C2

	2 gang horizontal and vertical installation
	
Colour	
black mirror	**MGU68.004.7C1**
white glass	**MGU68.004.7C2**
grey glass	**MGU68.004.7C3**
ice aluminium	**MGU68.004.7A1**
apple aluminium	**MGU68.004.7A2**
corten steel oxyde*	**MGU68.004.7A3**
slate*	**MGU68.004.7Z1**
sahara leather*	**MGU68.004.7P1**
truffle leather*	**MGU68.004.7P2**

P116441

MGU68.006.7C2

	3 gang horizontal and vertical installation
	
Colour	
black mirror	**MGU68.006.7C1**
white glass	**MGU68.006.7C2**
grey glass	**MGU68.006.7C3**
ice aluminium	**MGU68.006.7A1**
apple aluminium	**MGU68.006.7A2**
corten steel oxyde*	**MGU68.006.7A3**
slate*	**MGU68.006.7Z1**
sahara leather*	**MGU68.006.7P1**
truffle leather*	**MGU68.006.7P2**

P116442

MGU68.008.7C2

	4 gang horizontal and vertical installation
Colour	
black mirror	**MGU68.008.7C1**
white glass	**MGU68.008.7C2**
grey glass	**MGU68.008.7C3**
ice aluminium	**MGU68.008.7A1**
apple aluminium	**MGU68.008.7A2**
corten steel oxyde*	**MGU68.008.7A3**
slate*	**MGU68.008.7Z1**
sahara leather*	**MGU68.008.7P1**
truffle leather*	**MGU68.008.7P2**

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Unica Top

P105457

Unica Top aesthetics

With aluminium insert

Wood

P86300
Cherry tree .0M2

P86303
Wengue .0M3

P86301
Tobacco .0M4

Metal

P86307
Bright chrome .010

P86304
Glossy chrome .038

P86306
Matt nickel .039

P86305
Metal grey .097

Colour

P86313
Fluor green .094

P86312
Opal titanium .095

P86311
Onyx copper .096

P86310
Beryl blue .098

P86309
Top white .092

P86308
Rhodium black .093

Aluminium .30

With graphite insert

Wood

Cherry tree .2M2

Wengue .2M3

Tobacco .2M4

Metal

Bright chrome .210

Glossy chrome .238

Matt nickel .239

Metal grey .297

Colour

Fluor green .294

Opal titanium .295

Onyx copper .296

Beryl blue .298

Top white .292

Rhodium black .293

Graphite .12

Cover frames

P108325

MGU66.002.0M2

P108315

MGU66.002.038

P108357

MGU66.004.0M2

P108347

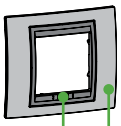
MGU66.004.038

P108389

MGU66.004V.0M2

P108379

MGU66.004V.038



- cherry tree
- wengue
- tobacco
- bright chrome
- glossy chrome
- matt nickel
- top white
- rhodium black
- fluor green
- opal titanium
- onyx copper
- metal grey
- beryl blue
- graphite
- aluminium

- aluminium
- graphite

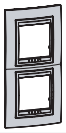
1 gang

Colour	Aluminium	Graphite
cherry tree	**MGU66.002.0M2**	**MGU66.002.2M2**
wengue	**MGU66.002.0M3**	**MGU66.002.2M3**
tobacco	**MGU66.002.0M4**	**MGU66.002.2M4**
bright chrome	**MGU66.002.010**	**MGU66.002.210**
glossy chrome	**MGU66.002.038**	**MGU66.002.238**
matt nickel	**MGU66.002.039**	**MGU66.002.239**
top white	**MGU66.002.092**	**MGU66.002.292**
rhodium black	**MGU66.002.093**	**MGU66.002.293**
fluor green	**MGU66.002.094**	**MGU66.002.294**
opal titanium	**MGU66.002.095**	**MGU66.002.295**
onyx copper	**MGU66.002.096**	**MGU66.002.296**
metal grey	**MGU66.002.097**	**MGU66.002.297**
beryl blue	**MGU66.002.098**	**MGU66.002.298**
graphite		**MGU6.002.12**
aluminium	**MGU6.002.30**	

2 gang horizontal installation

Colour	Aluminium	Graphite
cherry tree	**MGU66.004.0M2**	**MGU66.004.2M2**
wengue	**MGU66.004.0M3**	**MGU66.004.2M3**
tobacco	**MGU66.004.0M4**	**MGU66.004.2M4**
bright chrome	**MGU66.004.010**	**MGU66.004.210**
glossy chrome	**MGU66.004.038**	**MGU66.004.238**
matt nickel	**MGU66.004.039**	**MGU66.004.239**
top white	**MGU66.004.092**	**MGU66.004.292**
rhodium black	**MGU66.004.093**	**MGU66.004.293**
fluor green	**MGU66.004.094**	**MGU66.004.294**
opal titanium	**MGU66.004.095**	**MGU66.004.295**
onyx copper	**MGU66.004.096**	**MGU66.004.296**
metal grey	**MGU66.004.097**	**MGU66.004.297**
beryl blue	**MGU66.004.098**	**MGU66.004.298**
graphite		**MGU6.004.12**
aluminium	**MGU6.004.30**	

2 gang vertical installation



Colour	Aluminium	Graphite
cherry tree	**MGU66.004V.0M2**	**MGU66.004V.2M2**
wengue	**MGU66.004V.0M3**	**MGU66.004V.2M3**
tobacco	**MGU66.004V.0M4**	**MGU66.004V.2M4**
bright chrome	**MGU66.004V.010**	**MGU66.004V.210**
glossy chrome	**MGU66.004V.038**	**MGU66.004V.238**
matt nickel	**MGU66.004V.039**	**MGU66.004V.239**
top white	**MGU66.004V.092**	**MGU66.004V.292**
rhodium black	**MGU66.004V.093**	**MGU66.004V.293**
fluor green	**MGU66.004V.094**	**MGU66.004V.294**
opal titanium	**MGU66.004V.095**	**MGU66.004V.295**
onyx copper	**MGU66.004V.096**	**MGU66.004V.296**
metal grey	**MGU66.004V.097**	**MGU66.004V.297**
beryl blue	**MGU66.004V.098**	**MGU66.004V.298**
graphite		**MGU6.004V.12**
aluminium	**MGU6.004V.30**	

MGU66.006.0M2

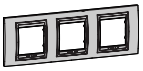
MGU66.006.038

MGU66.006V.0M2 MGU66.006V.038

MGU66.008.0M2

MGU66.008.038

3 gang horizontal installation

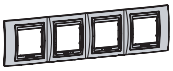


Colour	Aluminium	Graphite
cherry tree	**MGU66.006.0M2**	**MGU66.006.2M2**
wengue	**MGU66.006.0M3**	**MGU66.006.2M3**
tobacco	**MGU66.006.0M4**	**MGU66.006.2M4**
bright chrome	**MGU66.006.010**	**MGU66.006.210**
glossy chrome	**MGU66.006.038**	**MGU66.006.238**
matt nickel	**MGU66.006.039**	**MGU66.006.239**
top white	**MGU66.006.092**	**MGU66.006.292**
rhodium black	**MGU66.006.093**	**MGU66.006.293**
fluor green	**MGU66.006.094**	**MGU66.006.294**
opal titanium	**MGU66.006.095**	**MGU66.006.295**
onyx copper	**MGU66.006.096**	**MGU66.006.296**
metal grey	**MGU66.006.097**	**MGU66.006.297**
beryl blue	**MGU66.006.098**	**MGU66.006.298**
graphite		**MGU6.006.12**
aluminium	**MGU6.006.30**	

3 gang vertical installation

Colour	Aluminium	Graphite
cherry tree	**MGU66.006V.0M2**	**MGU66.006V.2M2**
wengue	**MGU66.006V.0M3**	**MGU66.006V.2M3**
tobacco	**MGU66.006V.0M4**	**MGU66.006V.2M4**
bright chrome	**MGU66.006V.010**	**MGU66.006V.210**
glossy chrome	**MGU66.006V.038**	**MGU66.006V.238**
matt nickel	**MGU66.006V.039**	**MGU66.006V.239**
top white	**MGU66.006V.092**	**MGU66.006V.292**
rhodium black	**MGU66.006V.093**	**MGU66.006V.293**
fluor green	**MGU66.006V.094**	**MGU66.006V.294**
opal titanium	**MGU66.006V.095**	**MGU66.006V.295**
onyx copper	**MGU66.006V.096**	**MGU66.006V.296**
metal grey	**MGU66.006V.097**	**MGU66.006V.297**
beryl blue	**MGU66.006V.098**	**MGU66.006V.298**
graphite		**MGU6.006V.12**
aluminium	**MGU6.006V.30**	

4 gang horizontal installation



Colour	Aluminium	Graphite
cherry tree	**MGU66.008.0M2**	**MGU66.008.2M2**
wengue	**MGU66.008.0M3**	**MGU66.008.2M3**
tobacco	**MGU66.008.0M4**	**MGU66.008.2M4**
bright chrome	**MGU66.008.010**	**MGU66.008.210**
glossy chrome	**MGU66.008.038**	**MGU66.008.238**
matt nickel	**MGU66.008.039**	**MGU66.008.239**
top white	**MGU66.008.092**	**MGU66.008.292**
rhodium black	**MGU66.008.093**	**MGU66.008.293**
fluor green	**MGU66.008.094**	**MGU66.008.294**
opal titanium	**MGU66.008.095**	**MGU66.008.295**
onyx copper	**MGU66.008.096**	**MGU66.008.296**
metal grey	**MGU66.008.097**	**MGU66.008.297**
beryl blue	**MGU66.008.098**	**MGU66.008.298**
graphite		**MGU6.008.12**
aluminium	**MGU6.008.30**	

Cover frames

P109748

MGU66.014V.0M2

P109742

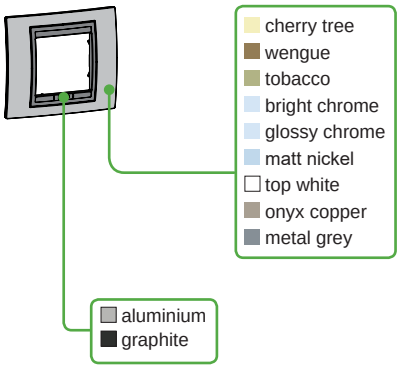
MGU66.014V.038

P109768

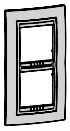
MGU66.016V.0M2

P109762

MGU66.016V.038

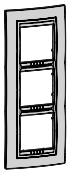


2 gang 57 mm interaxis vertical installation



Colour	Aluminium	Graphite
cherry tree	**MGU66.014V.0M2**	**MGU66.014V.2M2**
wengue	**MGU66.014V.0M3**	**MGU66.014V.2M3**
tobacco	**MGU66.014V.0M4**	**MGU66.014V.2M4**
bright chrome	**MGU66.014V.010**	**MGU66.014V.210**
glossy chrome	**MGU66.014V.038**	**MGU66.014V.238**
matt nickel	**MGU66.014V.039**	**MGU66.014V.239**
top white	**MGU66.014V.092**	**MGU66.014V.292**
onyx copper	**MGU66.014V.096**	**MGU66.014V.296**
metal grey	**MGU66.014V.097**	**MGU66.014V.297**

3 gang 57 mm interaxis vertical installation



Colour	Aluminium	Graphite
cherry tree	**MGU66.016V.0M2**	
wengue		**MGU66.016V.2M3**
tobacco		**MGU66.016V.2M4**
bright chrome	**MGU66.016V.010**	**MGU66.016V.210**
glossy chrome	**MGU66.016V.038**	**MGU66.016V.238**
matt nickel	**MGU66.016V.039**	**MGU66.016V.239**
top white	**MGU66.016V.092**	**MGU66.016V.292**
onyx copper	**MGU66.016V.096**	**MGU66.016V.296**
metal grey	**MGU66.016V.097**	**MGU66.016V.297**

P84192

MGU66.103.OM3

P84426

MGU66.103.OM4

P84495

MGU66.104.092

P84551

MGU66.104.292

P130295

MGU66.106.092

P130308

MGU66.106.292

3 modules Italian cover frame

Colour	Aluminium	Graphite
cherry tree	**MGU66.103.0M2**	**MGU66.103.2M2**
wengue	**MGU66.103.0M3**	**MGU66.103.2M3**
tobacco	**MGU66.103.0M4**	**MGU66.103.2M4**
bright chrome	**MGU66.103.010**	**MGU66.103.210**
glossy chrome	**MGU66.103.038**	**MGU66.103.238**
matt nickel	**MGU66.103.039**	**MGU66.103.239**
top white	**MGU66.103.092**	**MGU66.103.292**
rhodium black	**MGU66.103.093**	**MGU66.103.293**
fluor green	**MGU66.103.094**	**MGU66.103.294**
opal titanium	**MGU66.103.095**	**MGU66.103.295**
onyx copper	**MGU66.103.096**	**MGU66.103.296**
metal grey	**MGU66.103.097**	**MGU66.103.297**
beryl blue	**MGU66.103.098**	**MGU66.103.298**
graphite		**MGU6.103.12**
aluminium	**MGU6.103.30**	
gold		**MGU66.103.204**

4 modules Italian cover frame

Colour	Aluminium	Graphite
cherry tree	**MGU66.104.0M2**	**MGU66.104.2M2**
wengue	**MGU66.104.0M3**	**MGU66.104.2M3**
tobacco	**MGU66.104.0M4**	**MGU66.104.2M4**
bright chrome	**MGU66.104.010**	**MGU66.104.210**
glossy chrome	**MGU66.104.038**	**MGU66.104.238**
matt nickel	**MGU66.104.039**	**MGU66.104.239**
top white	**MGU66.104.092**	**MGU66.104.292**
rhodium black	**MGU66.104.093**	**MGU66.104.293**
fluor green		**MGU66.104.294**
opal titanium	**MGU66.104.095**	**MGU66.104.295**
onyx copper	**MGU66.104.096**	**MGU66.104.296**
metal grey	**MGU66.104.097**	**MGU66.104.297**
beryl blue	**MGU66.104.098**	**MGU66.104.298**
graphite		**MGU6.104.12**
aluminium	**MGU6.104.30**	

6 modules Italian cover frame

Colour	Aluminium	Graphite
cherry tree	**MGU66.106.0M2**	**MGU66.106.2M2**
wengue	**MGU66.106.0M3**	**MGU66.106.2M3**
tobacco	**MGU66.106.0M4**	**MGU66.106.2M4**
bright chrome	**MGU66.106.010**	**MGU66.106.210**
glossy chrome	**MGU66.106.038**	**MGU66.106.238**
matt nickel	**MGU66.106.039**	**MGU66.106.239**
top white	**MGU66.106.092**	**MGU66.106.292**
rhodium black	**MGU66.106.093**	**MGU66.106.293**
fluor green	**MGU66.106.094**	**MGU66.106.294**
opal titanium	**MGU66.106.095**	**MGU66.106.295**
onyx copper	**MGU66.106.096**	**MGU66.106.296**
metal grey	**MGU66.106.097**	**MGU66.106.297**
beryl blue	**MGU66.106.098**	**MGU66.106.298**
graphite		**MGU6.106.12**
aluminium	**MGU6.106.30**	

P84561

MGU49.424.010

P84574

MGU49.426.238

Centralization cover frames

2 X 4 modules

Colour	Aluminium	Graphite
bright chrome	**MGU49.424.010**	**MGU49.424.210**
glossy chrome	**MGU49.424.038**	**MGU49.424.238**
matt nickel	**MGU49.424.039**	**MGU49.424.239**
	Delivered with 2 x 4 modules plastic fixing frame	

2 X 6 modules

Colour	Aluminium	Graphite
bright chrome	**MGU49.426.010**	**MGU49.426.210**
glossy chrome	**MGU49.426.038**	**MGU49.426.238**
matt nickel	**MGU49.426.039**	**MGU49.426.239**
	Delivered with 2 x 6 modules plastic fixing frame	

MGU47.201.30P

Cover and fixing frames for thin panels

	Cover and fixing frames for thin panels	
Colour	1 module	1 + 1 module
aluminium	**MGU47.201.30P**	**MGU47.202.30P**
graphite	**MGU47.201.12P**	**MGU47.202.12P**

Unica Plus
Unica Quadro
Unica Allegro
Unica Colors
Unica Basic

P90184

P84932

Unica Plus

P104530

Unica Quadro

P86338

Unica Allegro

P91459

Unica Colors

P86055

Unica Basic

P104898

Sheer design joy

The essentials in our life are the small things;
the little extras in the everyday that make a difference.
The Unica range offers just that the essential little extra, a choice clearly above the design of the mainstream selection. Including endless stylish, fresh and innovative solutions. From the more refined, exclusive Unica Plus with temptingly comfortable functionality choices, to the sober and timeless style manifested in Unica Basic.
Release your inner aesthetic desire. Rejoice at the available choices; from the sparklingly colourful with accented shapes, young, fresh and modern, to the sober, timeless and luxuriously stylish. Let your home reflect your personality.
Personal style prevails!

P105753

Weekly programmable thermostat
To have the home at the right temperature every time optimizing the energy.

P105754

Rotary dimmer
Create lighting ambiances, save energy and money.

P105770

Emergency light
Ever been in a bathroom without windows during a power failure? Don't be!

P105756

Movement and presence detector
Automatically activates light (or others functions) when you enter.

P105757

Wireless comfort
Do you want different lighting scenarios? Or a centralized roller-blind control?
No problem! With Unica remote control and movable push-buttons you are in charge from your sofa.

P104878

P105758

Time delay switch
For areas where you pass through. Truly energy-saving will make sure the light is only on for a short time, no need to think about switching off.
Can easily be combined with a movement detector.

P105759

RCD switch
Add more security and protect the electrical system.

P105760

Roller-blind (and/or curtain) switch
Lights out or not? Easy peace!

P129485

Technical alarms
Protect your home against flooding and gas leaks.

P90185

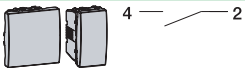
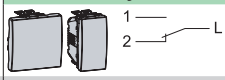
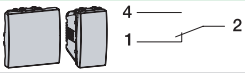
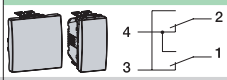
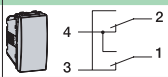
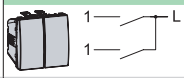
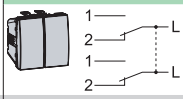
P90182

Controls

10 AX – 250 V AC switches

MGU3.201.18

MGU3.101.18

	10 AX one-way screwless terminals		10 AX one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.101.18**	**MGU3.101.18**	**MGU3.201T.18**	**MGU3.101T.18**
ivory	**MGU3.201.25**	**MGU3.101.25**	**MGU3.201T.25**	
	10 AX two-way screwless terminals		**10 AX two-way screw terminals**	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.203.18**	**MGU3.103.18**	**MGU3.203T.18**	**MGU3.103T.18**
ivory	**MGU3.203.25**	**MGU3.103.25**		**MGU3.103T.25**
	10 AX intermediate screwless terminals		**10 AX intermediate screw terminals**	
				
Colour	2 modules	1 module	1 module	
white	**MGU3.205.18**	**MGU3.105.18**	**MGU3.105T.18**	
ivory	**MGU3.205.25**	**MGU3.105.25**		
	10 AX double one-way screwless terminals			
				
Colour	2 modules			
white	**MGU3.211.18**			
ivory	**MGU3.211.25**			
	With internal power connection			
	10 AX double two-way screwless terminals			
				
Colour	2 modules			
white	**MGU3.213.18**			
ivory	**MGU3.213.25**			
	With external power connection			

MGU3.105T.18

MGU3.211.18

MGU3.213.18

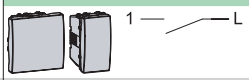
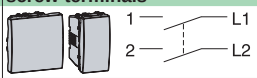
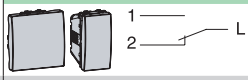
16 AX – 250 V AC switches

MGU3.261.18

MGU3.161.18

MGU3.262.18

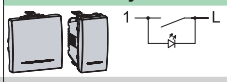
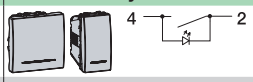
MGU3.162.18

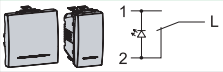
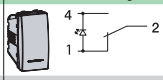
	16 AX one-way screw terminals		16 AX double pole one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.261.18**	**MGU3.161.18**	**MGU3.262.18**	**MGU3.162.18**
ivory	**MGU3.261.25**	**MGU3.161.25**	**MGU3.262.25**	**MGU3.162.25**
	16 AX two-way screw terminals			
				
Colour	2 modules	1 module		
white	**MGU3.263.18**	**MGU3.163.18**		
ivory	**MGU3.263.25**	**MGU3.163.25**		

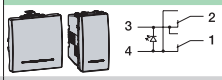
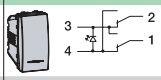
P87311
MGU3.201.18N

P87283
MGU3.101.18N

10 AX – 250 V AC switches with blue locator lamp

	10 AX one-way screwless terminals		10 AX one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.201.18N**	**MGU3.101.18N**	**MGU3.201T.18N**	**MGU3.101T.18N**
ivory	**MGU3.201.25N**	**MGU3.101.25N**		
	Blue LED lamp, connected internally			

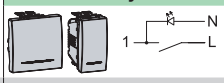
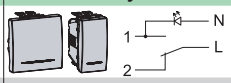
	10 AX two-way screwless terminals		10 AX two-way screw terminals
			
Colour	2 modules	1 module	1 module
white	**MGU3.203.18N**	**MGU3.103.18N**	**MGU3.103T.18N**
ivory	**MGU3.203.25N**	**MGU3.103.25N**	
	Blue LED lamp, connected internally		

	10 AX intermediate screwless terminals		10 AX intermediate screw terminals
			
Colour	2 modules	1 module	1 module
white	**MGU3.205.18N**	**MGU3.105.18N**	**MGU3.105T.18N**
ivory	**MGU3.205.25N**	**MGU3.105.25N**	
	Bue LED lamp, connected internally		

P87313
MGU3.201.18S

P87288
MGU3.101.18S

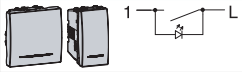
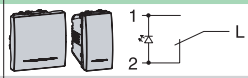
10 AX – 250 V AC switches with amber indicator lamp

	10 AX one-way screwless terminals		10 AX two-way screwless terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.201.18S**	**MGU3.101.18S**	**MGU3.203.18S**	**MGU3.103.18S**
ivory	**MGU3.201.25S**	**MGU3.101.25S**	**MGU3.203.25S**	**MGU3.103.25S**
	Amber LED lamp, connected internally			

P87340
MGU3.261.18N

P87303
MGU3.161.18N

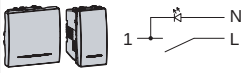
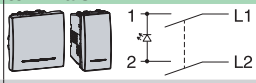
16 AX – 250 V AC switches with blue locator lamp

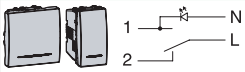
	16 AX one-way screw terminals		16 AX two-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.261.18N**	**MGU3.161.18N**	**MGU3.263.18N**	**MGU3.163.18N**
ivory	**MGU3.261.25N**	**MGU3.161.25N**	**MGU3.263.25N**	**MGU3.163.25N**
	Blue LED lamp, connected internally			

P87341
MGU3.261.18S

P87304
MGU3.161.18S

16 AX – 250 V AC switches with amber indicator lamp

	16 AX one-way screw terminals		16 AX double pole one-way screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.261.18S**	**MGU3.161.18S**	**MGU3.262.18S**	**MGU3.162.18S**
ivory	**MGU3.261.25S**	**MGU3.161.25S**	**MGU3.262.25S**	**MGU3.162.25S**
	Amber LED lamp, connected internally			

	16 AX two-way screw terminals	
		
Colour	2 modules	1 module
white	**MGU3.263.18S**	**MGU3.163.18S**
ivory	**MGU3.263.25S**	**MGU3.163.25S**
	Amber LED lamp, connected internally	

P87347
MGU3.263.18S

Inserts

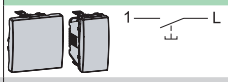
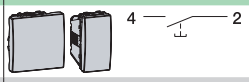
10 A – 250 V AC push-buttons

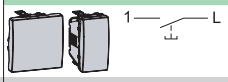
P87319
MGU3.206.18

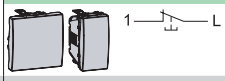
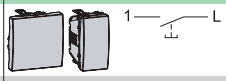
P87300
MGU3.106.18

P87320
MGU3.206.18C

P87297
MGU3.106.18L

	10 A screwless terminals		10 A screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.206.18**	**MGU3.106.18**	**MGU3.206T.18**	**MGU3.106T.18**
ivory	**MGU3.206.25**	**MGU3.106.25**		**MGU3.106T.25**

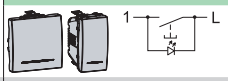
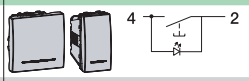
	10 A screwless terminals with bell symbol	
		
Colour	2 modules	1 module
white	**MGU3.206.18C**	**MGU3.106.18C**
ivory	**MGU3.206.25C**	**MGU3.106.25C**

	10 A screwless terminals		10 A screwless terminals with light symbol	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.236.18**	**MGU3.136.18**	**MGU3.206.18L**	**MGU3.106.18L**
ivory	**MGU3.236.25**	**MGU3.136.25**	**MGU3.206.25L**	**MGU3.106.25L**
	Normally closed position			

10 A – 250 V AC push-buttons with blue locator lamp

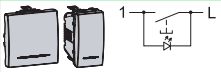
P87324
MGU3.206.18N

P87299
MGU3.106.18N

	10 A screwless terminals		10 A screw terminals	
				
Colour	2 modules	1 module	2 modules	1 module
white	**MGU3.206.18N**	**MGU3.106.18N**	**MGU3.206T.18N**	**MGU3.106T.18N**
ivory	**MGU3.206.25N**	**MGU3.106.25N**		**MGU3.106T.25N**
	Blue LED lamp, connected internally			

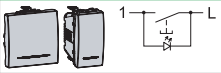
P104112
MGU3.206.18LN

P93117

	10 A screwless with light symbol	
		
Colour	2 modules	1 module
white	**MGU3.206.18LN**	**MGU3.106.18LN**
ivory	**MGU3.206.25LN**	**MGU3.106.25LN**
	Blue LED lamp, connected internally	

P104111
MGU3.206.18CN

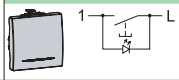
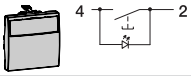
P104104
MGU3.106.18CN

	10 A screwless with bell symbol	
		
Colour	2 modules	1 module
white	**MGU3.206.18CN**	**MGU3.106.18CN**
ivory	**MGU3.206.25CN**	**MGU3.106.25CN**
	Blue LED lamp, connected internally	

P87321
MGU3.216.18CN

P103831
MGU3.246.1812v

10 A – 12 V AC push-buttons

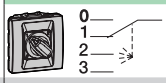
	10 A screwless terminals with bell symbol	10 A screw terminals with illuminated label holder
		
Colour	2 modules	2 modules
white	**MGU3.216.18CN**	**MGU3.246.1812V**
ivory	**MGU3.216.25CN**	**MGU3.246.2512V**
	Blue LED lamp, connected internally	Amber LED lamp, connected internally

P87414
MGU3.701.18

P87401
MGU3.579.18

Key and rotary switches

	Key switch - 2 positions
Colour	2 modules
white	**MGU3.701.18**
ivory	**MGU3.701.25**

	40- 3000 W/VA rotary switch - 4 positions
	
Colour	2 modules
white	**MGU3.579.18**
ivory	**MGU3.579.25**

Replacement lamps

LED for 250 V AC switches and push-buttons with locator/indicator lamp

P127268
MGU0.825.AL

P127267
MGU0.825.AZL

P86075
MGU0.822.AL

P86076
MGU0.822.AZL

Colour		
amber	**MGU0.825.AL**	**MGU0.822.AL**
blue	**MGU0.825.AZL**	**MGU0.822.AZL**
	For switches and push-buttons with screwless terminals from November 2011 (except intermediate switches)	• Before November 2011, for all switches and push-buttons, • From November 2011, for switches and push-buttons with srew terminals and intermediate switches.

LED for 12 V AC push-buttons

P86077
MGU0.823.AM

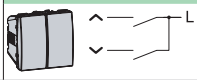
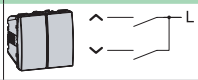
Colour	
yellow	**MGU0.823.AM**

Specialized controls

Mechanisms for roller blinds

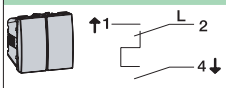
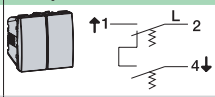
P87327
MGU3.208.18

P87326
MGU3.207.18

	10 A switch screwless	10 A push-button screwless
		
Colour	2 modules	2 modules
☐ white	**MGU3.208.18**	**MGU3.207.18**
ivory	**MGU3.208.25**	**MGU3.207.25**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

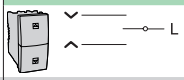
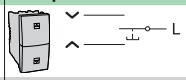
P97783
MGU3.208T.18

P97785
MGU3.207T.18

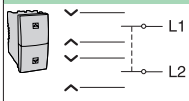
	10 A switch with screw terminals	10 A push-button with screw terminals
		
Colour	2 modules	2 modules
☐ white	**MGU3.208T.18**	**MGU3.207T.18**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

P150383
MGU3.108T.18

P138654
MGU3.107T.18

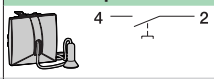
	10 A switch with screw terminals	10 A push-button with screw terminals
		
Colour	1 module	1 module
☐ white	**MGU3.108T.18**	**MGU3.107T.18**
ivory	**MGU3.108T.25**	**MGU3.107T.25**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions	

P150383
MGU3.109T.18

	10 AX double pole switch with screw terminals
	
Colour	1 module
☐ white	**MGU3.109T.18**
ivory	**MGU3.109T.25**
	With mechanical and electrical safety latching to prevent simultaneous activation in both directions

Cord push-button

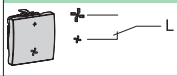
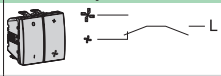
P87334
MGU3.226.18

	250 V with pull
	
Colour	2 modules
☐ white	**MGU3.226.18**
ivory	**MGU3.226.25**
	Cable length : 1 m

Mechanisms for VMC

P139118
MGU3.203.18VMC

P139119
MGU3.214.18

	VMC speed switch screwless	VMC two speed and ON/OFF switch screwless
		
Colour	2 modules	2 modules
☐ white	**MGU3.203.18VMC**	**MGU3.214.18**

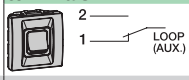
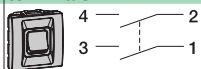
P87331

MGU3.223.18

P87332

MGU3.224.18

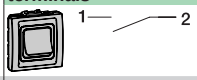
20 A – 250 V high rating switches

	20 A (16 AX) two-way with screw terminals	20 AX double pole one-way with screw terminals
		
Colour	2 modules	2 modules
white	**MGU3.223.18**	**MGU3.224.18**
ivory		**MGU3.224.25**

P87335

MGU3.231.18

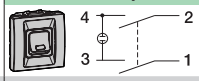
32 A – 250 V high rating switches

	32 A (25 AX) one-way with screw terminals
	
Colour	2 modules
white	**MGU3.231.18**
ivory	**MGU3.231.25**

P87332

MGU3.224.18S

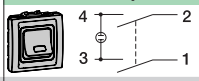
20 AX – 250 V high rating switch with amber indicator lamp

	20 AX double pole one-way with screw terminals
	
Colour	2 modules
white	**MGU3.224.18S**
ivory	**MGU3.224.25S**
	Amber neon lamp, connected internally

P87337

MGU3.232.18S

32 AX – 250 V high rating switch with amber indicator lamp

	32 AX double pole one-way with screw terminals
	
Colour	2 modules
white	**MGU3.232.18S**
ivory	**MGU3.232.25S**
	Amber neon lamp, connected internally

Protection

Miniature circuit breaker (MCB) switches

MGU3.654.18

MGU3.655.18

MGU3.656.18

	6 A 1P	10 A 1P
Colour	1 module	1 module
white	**MGU3.654.18**	**MGU3.655.18**
ivory	**MGU3.654.25**	**MGU3.655.25**

	16 A 1P
Colour	1 module
white	**MGU3.656.18**
ivory	**MGU3.656.25**

	10 A 1P + N	16 A 1P + N
Colour	2 modules	2 modules
white	**MGU3.614.18**	**MGU3.615.18**
ivory	**MGU3.614.25**	**MGU3.615.25**

Residual current device (RCD) switches

MGU3.610.18

MGU3.611.18

	6 A (IΔn 10 mA)	10 A (IΔn 10 mA)
Colour	2 modules	2 modules
white	**MGU3.610.18**	**MGU3.611.18**
ivory	**MGU3.610.25**	**MGU3.611.25**

	16 A (IΔn 10 mA)
Colour	2 modules
white	**MGU3.612.18**
ivory	**MGU3.612.25**

Fuse holders

MGU3.630.18

	10 A
Colour	1 module
white	**MGU3.630.18**
ivory	**MGU3.630.25**
	For cylindrical fuses up to 10 A with dimensions 6x32mm

MGU3.631.18

MGU3.632.18

	16 A	
Colour	2 modules	1 module
white	**MGU3.631.18**	**MGU3.632.18**
ivory	**MGU3.631.25**	**MGU3.632.25**
	For 00 type fuses	

Comfort controls

Rotary electronic dimmers switches

P90555

MGU3.511.18

P97787

MGU3.559.18

	40-400 W/VA one/two way switch	60-400W/VA one way switch
Colour	2 modules	1 module
white	**MGU3.511.18**	**MGU3.559.18**
ivory	**MGU3.511.25**	**MGU3.559.25**
	One pulse to switch on (or off) and rotation to regulate load	

P90554

MGU3.510.18

P90554

MGU5.512.18ZD

	400 VA, 1 - 10 V for fluorescent tubes	40 - 1000 W/VA
Colour	2 modules	2 modules
white	**MGU3.510.18**	**MGU5.512.18ZD**
ivory	**MGU3.510.25**	**MGU5.512.25ZD**
	• Max. control current: 200 mA • Compliant with the interference suppression (EMC) standard EN 60669-2-1 • 4-wire connection	• Compliant with the interference suppression (EMC) standard EN 60669-2-1 • 3-wire connection

Push-button dimmer switch

P90553

MGU3.515.18

	Multi-load Variapush (pulse control) 20 - 350 W/VA
Colour	2 modules
white	**MGU3.515.18**
ivory	**MGU3.515.25**
	Compliant with the interference suppression (EMC) standard EN 60669-2-1

Load table

MGU3.511.XX	MGU3.559.XX	MGU3.510.XX	MGU5.512.XX	MGU3.515.XX	Maximum loads	
400 W	400 W		1000 W	250 W		230 V AC incandescent lamps
400 W	400 W		1000 W	350 W		230 V AC halogen lamps
400 VA			1000 VA	350 VA		ELV halogen lamps with ferromagnetic transformer (non toroidal)
				300 VA		ELV lamps with toroidal transformer
				350 VA		ELV halogen lamps with electronic transformer
		400 VA 1-10 V				• 230 V AC fluorescent tube, Φ 26 or Φ 38 mm with 1-10 V electronic ballast • 230 V AC fluorescent tube, 36 W with 10 electronic ballasts (1-10 V) • 230 V AC fluorescent tube, 2 x 16 W, Φ 26 or Φ 30 mm with 5 electronic ballasts (1-10 V) • Maximum control of 50 electronic ballasts (1-10 V) with an external relay
				200 W		230 V AC fans
				350 W		230 V AC convectors
			600 W			230 V AC motors
					Installation	
					Installed in place of a switch	
					May be controlled by push-buttons: up to 25 push-buttons in the surrounding area	

P90557

MGU3.524.18

P90556

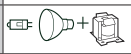
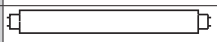
MGU3.525.18

Movement and presence detectors

	300 W detector	2300 W detector
Colour	2 modules	2 modules
white	**MGU3.524.18**	**MGU3.525.18**
ivory	**MGU3.524.25**	**MGU3.525.25**

- Adjustable disconnection time and brightness
- Optional switching of the load connected to the control switch using conventional auxiliary push-buttons

Load table

MGU3.524.XX	**MGU3.525.XX**		
		Maximum loads	
300 W	2300 W		230 V AC incandescent lamps
300 W	2000 W		230 V AC halogen lamps
	1050 VA		ELV halogen lamps with wire-wound transformer (non toroidal)
	1150 VA		ELV halogen lamps with electronic transformer
	2000 VA cos φ ≥ 0,9		230 V AC fluorescent tube, Φ 26 or Φ 38 mm
	500 VA		230 V AC compact fluorescent lamps
	200 VA		230 V AC fans
300 W cos φ ≥ 0.95	2300 W		230 V AC convectors
	200 VA		230 V AC contactors
		Installation	
		Parallel connection: max. 2 detectors for a load	
		Possibility of using up to 5 push-buttons in the surrounding area	

P90551

MGU3.501.18

P87390

MGU3.505.18

P103847

MGU3.503.18

P90552

MGU3.535.18

P87393

MGU3.541.18

Thermostats

	8 A basic thermostat	8 A resistive / 5 A inductive weekly programmable thermostat
Colour		2 modules
white	**MGU3.501.18**	**MGU3.505.18**
ivory	**MGU3.501.25**	**MGU3.505.25**
	Used to control heating and air conditioning according to pre-programmed times and temperatures	

	10 A floor thermostat
Colour	
aluminium	**MGU3.503.18**
graphite	**MGU3.503.25**
	Delivered with 4m temperature sensor

Time delay switch

	8 A press activated time delay switch
Colour	2 modules
white	**MGU3.535.18**
ivory	**MGU3.535.25**
	• For all load types • Adjustable disconnection time (2 s - 12 min.) • Optional switching on using conventional push-button • Included night blue locator lamp

Weekly programmable timer

	Weekly programmable
Colour	2 modules
white	**MGU3.541.18**
ivory	**MGU3.541.25**
	• 230 V 1200 W (incandescent and halogen) • 1000 VA (halogen 12 V with electromagnetic transformer) • 28 intervals

P87395

MGU3.546.18

Weatherstation

	Weatherstation
Colour	2 modules
white	MGU3.546.18
ivory	MGU3.546.25
	• Ambient temperature • Atmospheric pressure • Relative humidity

P87394

MGU3.545.18

Wake up clock

	Wake up clock
Colour	2 modules
white	MGU3.545.18
ivory	MGU3.545.25
	• Double alarm • “SNOOZE” function • Indication of ambient temperature

P87392

MGU3.540.18

P87348

MGU3.283.18

Key card switches

	8 A timed	10 A
Colour	2 modules	2 modules
white	MGU3.540.18	MGU3.283.18
ivory	MGU3.540.25	MGU3.283.25
		With locator lamp

P86078

MGU0.824

	Supplementary lamp for key card switch
	MGU0.824

Technical alarms

Detectors

P101661

MGU3.710.18

P101665

MGU3.711.18

P101669

MGU3.713.18

P101673

MGU3.712

	Methane gas detectors - 12 V AC/DC	LPG gas detectors - 12 V AC/DC
Colour	2 modules	2 modules
white	MGU3.710.18	MGU3.711.18
ivory	MGU3.710.25	MGU3.711.25
	Flood detectors - 12 V AC/DC	**Sensor for flood detectors**
Colour	2 modules	
white	MGU3.713.18	MGU3.712 (white)
ivory	MGU3.713.25	

Power supplies

P101678

MGU3.716.18

	230 V AC/ 12 V AC - 50/60 Hz
Colour	2 modules
white	MGU3.716.18
ivory	MGU3.716.25

Socket-outlets

German socket-outlets

P109650

MGU3.057.18

P109663

MGU3.057.25TA

	16 A 2P + E, shuttered, screwless	16 A 2P + E, shuttered, screwless, hinged flap
Colour	2 modules	2 modules
white	**MGU3.057.18**	**MGU3.057.18TA**
ivory	**MGU3.057.25**	**MGU3.057.25TA**
red	**MGU3.057.03**	
green	**MGU3.057.06**	
	Side earth	

P109657

MGU3.057.18SL

P109658

MGU3.057.25SL

	16 A 2P + E, shuttered, screwless with lamp
Colour	2 modules
white	**MGU3.057.18SL**
red	**MGU3.057.03SL**
	Side earth

P87272

MGU3.036.18

P87274

MGU3.037.18TA

	16 A 2P + E, screw terminals	16 A 2P + E, shuttered, screw terminals, hinged flap
Colour	2 modules	2 modules
white	**MGU3.036.18**	**MGU3.037.18TA**
ivory	**MGU3.036.25**	**MGU3.037.25TA**
	Side earth	

P87273

MGU3.037.18

P87277

MGU3.040.18

	16 A 2P + E, shuttered, screw terminals	16 A 45° 2P + E, shuttered, screw terminals
Colour	2 modules	2 modules
white	**MGU3.037.18**	**MGU3.040.18**
ivory	**MGU3.037.25**	**MGU3.040.25**
red	**MGU3.037.03**	
green	**MGU3.037.06**	
orange	**MGU3.037.61**	
	Side earth	

P109643

MGU3.037.18SL

P109644

MGU3.037.25SL

	16 A 2P + E, shuttered, screw terminals with lamp
Colour	2 modules
white	**MGU3.037.18SL**
ivory	**MGU3.037.25SL**
red	**MGU3.037.03SL**
	Side earth

P87436

MGU61.037.18

Only Unica Basic	16 A 2P + IP44 cover, screw terminals
Colour	
white	**MGU61.037.18**
ivory	**MGU61.037.25**

P109691

MGU3.059.18

P109692

MGU3.059.25

P87276

MGU3.039.18

P107473

MGU3.039.25

P109686

MGU3.039.18SL

French socket-outlets

	16 A 2P + E, shuttered, screwless	
Colour	2 modules	
white	MGU3.059.18	
ivory	MGU3.059.25	
red	MGU3.059.03	
	16 A 2P + E, shuttered, screw terminals	**16 A 2P + E, shuttered, screw terminals with lamp**
Colour	2 modules	2 modules
white	MGU3.039.18	MGU3.039.18SL
ivory	MGU3.039.25	
red	MGU3.039.03	MGU3.039.03SL

P140265

MGU3.030.18

P87263

MGU3.023.18

Italian socket-outlets

	10 A 2P + E, Italian earth, shuttered, screw terminals
Colour	1 module
white	MGU3.030.18
	16 A 2P + E, Italian earth, shuttered, screw terminals
Colour	1 module
white	MGU3.023.18
ivory	MGU3.023.25

P87279

MGU3.045.18

P93133

MGU3.046.18

British socket-outlets

	13 A 2P + E, shuttered, screw terminals	15 A 2P + E, shuttered, screw terminals
Colour	2 modules	2 modules
white	MGU3.045.18	MGU3.046.18
ivory	MGU3.045.25	

MGU3.047.18

MGU3.077.18

Special socket-outlets

	16 A 2P+E, shuttered, screw terminals	10 A 2P, shuttered, screw terminals
	P93225	
Colour	2 modules	1 module
white	**MGU3.047.18**	**MGU3.077.18**
ivory	**MGU3.047.25**	**MGU3.077.25**
red	**MGU3.047.03**	

MGU3.031.18

European socket-outlets

	10 A 2P, shuttered, screw terminals
Colour	1 module
white	**MGU3.031.18**
ivory	**MGU3.031.25**
	Only for replacements in installations without an earthing connection

MGU3.033.18

	16 A 2P, shuttered, screw terminals
Colour	2 modules
white	**MGU3.033.18**
ivory	**MGU3.033.25**
	Only for replacements

MGU3.020.18

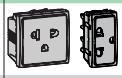
MGU3.021.18

Euroamerican socket-outlets

	2P, screw terminals	2P, shuttered, screw terminals
Colour	1 module	1 module
white	**MGU3.020.18**	**MGU3.021.18**
ivory	**MGU3.020.25**	**MGU3.021.25**
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins	

MGU3.041.18

MGU3.043.18

	2P + E, screw terminals	2P + E, shuttered, screw terminals	
			
Colour	2 modules	2 modules	1 module
white	**MGU3.041.18**	**MGU3.048.18**	**MGU3.043.18**
ivory	**MGU3.041.25**		
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins		

MGU3.068.18

	2P + E, shuttered, screw terminals
Colour	3 modules
white	**MGU3.068.18**
	• 10 A - 250V AC for cylindrical pins • 15 A - 125V AC for flat pins

MGU3.064.18

	20 VA shaver socket, screw terminals
Colour	3 modules
white	**MGU5.064.18**
	Input: 240 V, output: 115/240 V, 50 or 60 Hz, for shaver only

Inserts

P87267

MGU3.027.18

P87268

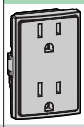
MGU3.028.18

American socket-outlets

	15 A 2P + E, screw terminals	15 A 2P + E, shuttered, screw terminals
Colour	1 module	1 module
white	**MGU3.027.18**	**MGU3.028.18**
ivory	**MGU3.027.25**	

P87281

MGU3.061.18

	15 A duplex 2P + E, shuttered, screw terminals
	
Colour	3 modules
white	**MGU3.061.18**
ivory	**MGU3.061.25**

P109719

MGU0.839.18

Socket-outlet centerplate with lamp

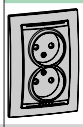
	For french socket-outlet
Colour	2 modules
white	**MGU0.839.18**

MGU23.063.18

MGU23.065.18

MGU23.067.18

Double socket-outlets Unica Basic

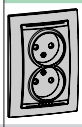
Only Unica Basic	**Unearthed, shuttered, screw terminals** 	**Unearthed, shuttered, screw terminals**
Colour	2 modules	2 modules
white	**MGU23.063.18**	**MGU23.063.18D** (1)
ivory	**MGU23.063.25**	**MGU23.063.25D** (1)
		DSO in pin pack
Only Unica Basic	**2P + E, CZ/SK (2), shuttered, screw terminals**	**2P + E, CZ/SK (2), shuttered, screw terminals**
Colour	2 modules	2 modules
white	**MGU23.065.18**	**MGU23.065.18D** (1)
ivory	**MGU23.065.25**	**MGU23.065.25D** (1)
		DSO in pin pack
Only Unica Basic	**Side earth, shuttered, screw terminals**	**Side earth, shuttered, screw terminals**
Colour	2 modules	2 modules
white	**MGU23.067.18**	**MGU23.067.18D** (1)
ivory	**MGU23.067.25**	**MGU23.067.25D** (1)
		DSO in pin pack

(1) ●●D: Individual packaging ; plastic bag and cardboard with eurohole
(2) CZ/SK: Czech republic and Slovakia standard
(3) PO/FR: Poland and France standard

P87437

MGU63.063.18

Double socket-outlets Unica Plus

	Unearthed, shuttered, screw terminals	
Only Unica Plus		
Colour		
white	**MGU63.063.18**	
ivory	**MGU63.063.25**	
Colour	white	ivory
champagne	**MGU63.063.824**	**MGU63.063.524**
indigo blue	**MGU63.063.842**	
terracota	**MGU63.063.851**	
glacial blue	**MGU63.063.854**	
apple green	**MGU63.063.863**	**MGU63.063.563**
mist grey	**MGU63.063.865**	
pistachio	**MGU63.063.866**	
sand	**MGU63.063.867**	**MGU63.063.567**
orange	**MGU63.063.869**	
water green	**MGU63.063.870**	
cacao	**MGU63.063.871**	
garnet	**MGU63.063.872**	
mink	**MGU63.063.874**	
mauve	**MGU63.063.876**	

P87438

MGU63.065.18

	2P + E, CZ/SK (2), shuttered, screw terminals		2P + E, CZ/SK (2), shuttered, screw terminals	
Only Unica Plus				
Colour				
white	**MGU63.065.18**		**MGU63.065.18D** (1)	
ivory	**MGU63.065.25**		**MGU63.065.25D** (1)	
Colour	white	ivory	white	ivory
champagne	**MGU63.065.824**	**MGU63.065.524**	**MGU63.065.824D** (1)	**MGU63.065.524D** (1)
indigo blue			**MGU63.065.842D** (1)	**MGU63.065.542D** (1)
terracota	**MGU63.065.851**	**MGU63.065.551**	**MGU63.065.851D** (1)	**MGU63.065.551D** (1)
glacial blue	**MGU63.065.854**	**MGU63.065.554**	**MGU63.065.854D** (1)	**MGU63.065.554D** (1)
apple green	**MGU63.065.863**		**MGU63.065.863D** (1)	**MGU63.065.563D** (1)
mist grey	**MGU63.065.865**	**MGU63.065.565**	**MGU63.065.865D** (1)	**MGU63.065.565D** (1)
pistachio	**MGU63.065.866**		**MGU63.065.866D** (1)	**MGU63.065.566D** (1)
sand	**MGU63.065.867**	**MGU63.065.567**	**MGU63.065.867D** (1)	**MGU63.065.567D** (1)
orange	**MGU63.065.869**	**MGU63.065.569**	**MGU63.065.869D** (1)	**MGU63.065.569D** (1)
water green	**MGU63.065.870**		**MGU63.065.870D** (1)	
cacao	**MGU63.065.871**	**MGU63.065.571**	**MGU63.065.871D** (1)	**MGU63.065.571D** (1)
garnet	**MGU63.065.872**	**MGU63.065.572**	**MGU63.065.872D** (1)	**MGU63.065.572D** (1)
maganese blue			**MGU63.065.873D** (1)	
mink	**MGU63.065.874**	**MGU63.065.574**	**MGU63.065.874D** (1)	**MGU63.065.574D** (1)
mauve	**MGU63.065.876**		**MGU63.065.876D** (1)	**MGU63.065.576D** (1)
slate grey	**MGU63.065.877**	**MGU63.065.577**	**MGU63.065.877D** (1)	**MGU63.065.577D** (1)
			DSO in pin pack	

(1) ••D: Individual packaging ; plastic bag and cardboard with eurohole
(2) CZ/SK: Czech republic and Slovakia standard

P87439

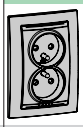
MGU63.067.18

Double socket-outlets Unica Plus

	Side earth, shuttered, screw terminals		Side earth, shuttered, screw terminals	
Only Unica Plus				
Colour				
white	**MGU63.067.18**		**MGU63.067.18D** (1)	
ivory	**MGU63.067.25**		**MGU63.067.25D** (1)	
Colour	white	ivory	white	ivory
champagne	**MGU63.067.824**	**MGU63.067.524**	**MGU63.067.824D** (1)	**MGU63.067.524D** (1)
indigo blue	**MGU63.067.842**			
terracota	**MGU63.067.851**	**MGU63.067.551**		
glacial blue	**MGU63.067.854**	**MGU63.067.554**		
apple green	**MGU63.067.863**			
mist grey			**MGU63.067.865D**	
pistachio	**MGU63.067.866**			
sand	**MGU63.067.867**	**MGU63.067.567**	**MGU63.067.867D** (1)	
orange	**MGU63.067.869**			
water green	**MGU63.067.870**		**MGU63.067.870D** (1)	
cacao	**MGU63.067.871**	**MGU63.067.571**		
garnet	**MGU63.067.872**	**MGU63.067.572**	**MGU63.067.872D** (1)	
mauve		**MGU63.067.576**		
slate grey	**MGU63.067.877**			
			DSO in pin pack	

P87440

MGU63.069.18

	2P + E, PO/FR (3), shuttered, screw terminals	
Only Unica Plus		
Colour		
white	**MGU63.069.18**	
ivory	**MGU63.069.25**	
Colour	white	ivory
champagne	**MGU63.069.824**	**MGU63.069.524**
indigo blue	**MGU63.069.842**	
terracota	**MGU63.069.851**	**MGU63.069.551**
glacial blue	**MGU63.069.854**	
apple green	**MGU63.069.863**	
mist grey	**MGU63.069.865**	
pistachio	**MGU63.069.866**	
sand	**MGU63.069.867**	**MGU63.069.567**
orange	**MGU63.069.869**	
water green	**MGU63.069.870**	
cacao	**MGU63.069.871**	
garnet	**MGU63.069.872**	
maganese blue	**MGU63.069.873**	
mink	**MGU63.069.874**	**MGU63.069.574**
mauve	**MGU63.069.876**	
slate grey	**MGU63.069.877**	

(1) ●●D: Individual packaging ; plastic bag and cardboard with eurohole
(3) PO/FR: Poland and France standard

Data sockets

RJ45 data sockets

P87373
MGU3.411.18

P87372
MGU3.410.18

	Category 5e, unshielded		Category 5e, shielded	
Colour	2 modules	1 module	2 modules	1 module
white	MGU3.411.18 (1)	MGU3.410.18 (1)	MGU3.413.18 (2)	MGU3.412.18 (2)
ivory	MGU3.411.25 (1)	MGU3.410.25 (1)	MGU3.413.25 (2)	MGU3.412.25 (2)
Colour	2 modules	1 module	2 modules	1 module
white	MGU3.421.18 (1)	MGU3.420.18 (1)	MGU3.423.18 (2)	MGU3.422.18 (2)
ivory	MGU3.421.25 (1)	MGU3.420.25 (1)	MGU3.423.25 (2)	MGU3.422.25 (2)
	Category 6, unshielded		**Category 6, shielded**	
Colour	2 modules	1 module	2 modules	1 module
white	MGU3.415.18 (3)	MGU3.414.18 (3)	MGU3.417.18 (4)	MGU3.416.18 (4)
ivory	MGU3.415.25 (3)	MGU3.414.25 (3)	MGU3.417.25 (4)	MGU3.416.25 (4)
Colour	2 modules	1 module	2 modules	1 module
white	MGU3.425.18 (3)	MGU3.424.18 (3)	MGU3.427.18 (4)	MGU3.426.18 (4)
ivory	MGU3.425.25 (3)	MGU3.424.25 (3)	MGU3.427.25 (4)	MGU3.426.25 (4)
	Category 6_A, unshielded		**Category 6_A, shielded**	
Colour	2 modules	1 module	2 modules	1 module
white	MGU3.445.18 (5)	MGU3.444.18 (5)	MGU3.447.18 (6)	MGU3.446.18 (6)
ivory	MGU3.445.25 (5)	MGU3.444.25 (5)	MGU3.447.25 (6)	MGU3.446.25 (6)

RJ45 data connector covers

P87424
MGU9.421.18

P87423
MGU9.420.18

P87427
MGU9.460.18

P87428
MGU9.461.18

	LexCom		Infraplus	
Colour	2 modules	1 module	2 modules	1 module
white	MGU9.421.18	MGU9.420.18	MGU9.411.18	MGU9.410.18
ivory	MGU9.421.25	MGU9.420.25	MGU9.411.25	MGU9.410.25
	Universal			
Colour	2 modules	1 module		
white	MGU9.460.18	MGU9.461.18		
ivory	MGU9.460.25	MGU9.461.25		
	See technical information pages for compatility table			

Actassi S-one RJ45 connectors reference numbers included into Unica data sockets:
(1) VDIB17725U, (2) VDIB17725B, (3) VDIB17726U, (4) VDIB17726B, (5) VDIB1772XU, (6) VDIB1772XB.

P121211
VDIB17725U

P121214
VDIB17725B

P121212
VDIB17726U

P121215
VDIB17726B

P121213
VDIB1772XU

P121216
VDIB1772XB

MGU9.439.18

MGU9.438.18

Optical fibre center plates

Common characteristics
- Ambient air temperature for operation: 5 to 35 °C
- Standard: IEC 60874
- Degree of protection: IP20/ IK04.

	SC/SC APC simplex type	SC/SC APC duplex type
Colour		
☐ white	**MGU9.439.18**	**MGU9.438.18**
ivory		**MGU9.438.25**

- Support to receive any SC simplex and duplex adapters
- Support to receive **Actassy** optical fibre adapters:
  - ○ SC Duplex multi mode adapters: ref. n° VDIB6031001 and VDIB6031002
  - ○ SC Duplex single mode adapters: ref. n° VDIB6032001 and VDIB6032002
  - ○ SC APC Duplex single mode adapter: ref. n° VDIB6082001
  - ○ SC APC Simplex single mode adapter: ref. n° VDIB6072001.

VDIB6031001
VDIB6031002

VDIB6032001
VDIB6032002

VDIB6082001

VDIB6072001

TV/FM/SAT sockets

TV/FM sockets

P87357

MGU3.451.18

	TV/FM socket for parallel distribution systems	
Colour	2 modules	2 modules
white	**MGU3.451.18**	**MGU3.469.18**
ivory	**MGU3.451.25**	**MGU3.469.25**
	• 47-860MHz • Individual socket	• 47-860MHz with galvanic insulation individual socket

	TV/FM sockets for series distribution systems	
Colour	2 modules	2 modules
white	**MGU3.452.18**	**MGU3.453.18**
ivory	**MGU3.452.25**	**MGU3.453.25**
	• 47-860MHz • End-of-line (terminal socket)	• 47-860MHz • Intermediate socket (passage socket)

R-TV/SAT sockets

P87360

MGU3.454.18

	R-TV/SAT socket for parallel distribution systems	R-TV/SAT socket for series distribution systems
Colour	2 modules	2 modules
white	**MGU3.454.18**	**MGU3.455.18**
ivory	**MGU3.454.25**	**MGU3.455.25**
	• 10-2400MHz • Individual socket	• 10-2400MHz • End-of-line (terminal)

	R-TV/SAT socket for series distribution systems
Colour	2 modules
white	**MGU3.456.18**
ivory	**MGU3.456.25**
	• 10-2400MHz • Intermediate socket (passage)

R/TV/SAT socket

P140691

MGU3.450.18

	R/TV/SAT socket for series distribution systems
Colour	2 modules
white	**MGU3.450.18**
	• R: 5-108 MHz / TV: 125-862 MHz / SAT: 950-2400 MHZ • Individual socket

TV/SAT sockets

P87371

MGU3.468.18

	TV/SAT Female socket-F type
Colour	1 module
white	**MGU3.468.18**
ivory	**MGU3.468.25**

P87365

MGU3.462.18

P87367

MGU3.464.18

SAT single shielded sockets

	Male individual	Male terminal
Colour	2 modules	2 modules
white	**MGU3.462.18**	**MGU3.464.18**
ivory	**MGU3.462.25**	**MGU3.464.25**
	5-2150 MHz	

	Male passage
Colour	2 modules
white	**MGU3.463.18**
ivory	**MGU3.463.25**
	5-2150 MHz

P87368

MGU3.465.18

P87370

MGU3.467.18

TV single shielded sockets

	Female individual	Female terminal
Colour	2 modules	2 modules
white	**MGU3.465.18**	**MGU3.467.18**
ivory	**MGU3.465.25**	**MGU3.467.25**
	5-862 MHz	

	Female passage
Colour	2 modules
white	**MGU3.466.18**
ivory	**MGU3.466.25**
	5-862 MHz

P87425

MGU9.440.18

P87426

MGU9.441.18

TV/FM/SAT cover plates

	TV/FM	R-TV/SAT
Colour	2 modules	2 modules
white	**MGU9.440.18**	**MGU9.441.18**
ivory	**MGU9.440.25**	**MGU9.441.25**

Telephone sockets

RJ11 and RJ12

Screw connection. As per RD 1/1998 and RD 279/1999 (ICT): socket for the Terminal Access Database (TAD) for the telephony service.

MGU3.492.18

MGU3.490.18

MGU3.497.18

MGU3.491.18

	RJ11- 4 contacts screw	
Colour	2 modules	1 module
white	MGU3.492.18	MGU3.490.18
ivory	MGU3.492.25	MGU3.490.25

	RJ12- 6 contacts screw	
Colour	2 modules	1 module
white	MGU3.497.18	MGU3.491.18
ivory	MGU3.497.25	MGU3.491.25

	RJ12- 6 contacts screwless	
Colour	2 modules	1 module
white	MGU3.493.18	MGU3.495.18
ivory	MGU3.493.25	MGU3.495.25

British telephone sockets

MGU3.499.18

	6 contacts screwless
Colour	1 module
white	MGU3.499.18
ivory	MGU3.499.25

Belgian telephone sockets

MGU3.498.18

	Belgacom type
Colour	2 modules
white	MGU3.498.18
ivory	MGU3.498.25

Indication

Indicator lamps

MGU3.775.18A

MGU3.775.18R

MGU3.775.18V

MGU3.775.18T

	Orange	Red
Colour	1 module	1 module
white	MGU3.775.18A	MGU3.775.18R
ivory	MGU3.775.25A	MGU3.775.25R

	Green	Colourless
Colour	1 module	1 module
white	MGU3.775.18V	MGU3.775.18T
ivory	MGU3.775.25V	MGU3.775.25T

MGU0.821

	Neon lamp for indicator lamp
	MGU0.821

Multimedia sockets

MGU3.429.18

USB data connectors

	USB data connector
Colour	1 module
white	**MGU3.429.18**
ivory	**MGU3.429.25**
	• Output connectors: USB 2.0 • Connection: screw terminals • Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible • Ambient air temperature for operation: - 5°C to + 40°C • Standards: IEC 998-1, IEC 998-2-1 • Protection degrees: IP21/IK04

MGU3.430.18

HDMI sockets

	HDMI prewired socket
Colour	1 module
white	**MGU3.430.18**
ivory	**MGU3.430.25**
	• Ambient air temperature for operation: - 5°C to + 40°C • Standards: EN 50157, EN 50049 • Protection degrees: IP21/IK04

MGU3.431.18

RCA sockets

	3 RCA female socket
Colour	1 module
white	**MGU3.431.18**
ivory	**MGU3.431.25**
	• Connection: screw terminals • Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible • Ambient air temperature for operation: - 5°C to + 40°C • Protection degrees: IP21/IK04

MGU3.432.18

HD15 sockets

	HD15 female socket
Colour	1 module
white	**MGU3.432.18**
ivory	**MGU3.432.25**
	• Ambient air temperature for operation: - 5°C to + 40°C • Protection degrees: IP21/IK04

MGU3.433.18

Mini jack sockets

	Mini jack 3.5 mm socket
Colour	1 module
white	**MGU3.433.18**
ivory	**MGU3.433.25**
	• Ambient air temperature for operation: - 5°C to + 40°C • Protection degrees: IP21/IK04

Bluetooth audio receivers

MGU70.567.18

MGU70.566.18

	In-wall bluetooth audio receiver	In-wall bluetooth audio receiver kit
Colour		
☐ white	**MGU70.567.18**	**MGU70.566.18**
ivory	**MGU70.567.25**	**MGU70.566.25**
	Delivered with: ● audio receiver device ● power supply	Delivered with: ● audio receiver device ● power supply ● 2 loudspeakers ● fixing frame with adaptator
	Characteristics: ● Audio receiver ○ 2 modules ○ voltage: 15-16 V DC	● Power supply ○ voltage: 93-265 V AC ○ frequency: 47-63 Hz

Loudspeakers and accessories

MGU70.598

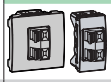
	Loudspeakers 2.5”
	MGU70.598
	● 2 loudspeakers delivered with 2 cables (5 m, Φ 0.5 mm², red and white) ● Dimensions (diameter x depth): 95 mm x 36 mm ● Impedance: 8 Ω

P84080

MGU3.486.18

P84314

MGU3.487.25

	Loudspeaker socket	
		
Colour	2 modules	1 module
☐ white	**MGU3.486.18**	**MGU3.487.18**
ivory	**MGU3.486.25**	**MGU3.487.25**
	Pressure-fixing of terminals	

USB chargers

MGU3.428.18

	Single USB
Colour	1 module
☐ white	**MGU3.428.18**
ivory	**MGU3.428.25**
	● Nominal input voltage: 100-240 V AC ±10 % ● USB output voltage: 5 V DC ± 5 % ● Nominal output current: 1 A ● Power consumption: < 0.1 W (in stand-by) ● Maximum output power: 7.5 W ● Overvoltage category: OVC III ● Isolation class: class II

MGU3.418.18

MGU3.418.25

	Double USB charger 2.1 A
Colour	2 modules
☐ white	**MGU3.418.18**
ivory	**MGU3.418.25**
	● Nominal input voltage: 100-240 V AC ±10 % ● USB output voltage: 5 V DC ± 5 % ● Nominal output current: 1 x 2.1 A (only left output) or 2 x 1.05 A (for 2 outputs) ● Power consumption: < 0.1 W (in stand-by) ● Maximum output power: 10.5 W ● Expected lifetime: 30 000 h for ouput power 10.5 W ● Overvoltage category: OVC III ● Isolation class: class II

P87419

MGU3.785.18

P87420

MGU3.786.18

Buzzer and electronic doorbell

	230 V, 50-60Hz buzzer	230 V electronic doorbell
Colour	2 modules	2 modules
white	**MGU3.785.18**	**MGU3.786.18**
ivory	**MGU3.785.25**	**MGU3.786.25**
	With adjustable tone	5 tunes

P86079

MGU3.776.T

Emergency light

Emergency light
2 modules
MGU3.776.T

P86081

MGU3.780.T

Pilotlamp

Autonomous pilotlamp
2 modules
MGU3.780.T

Complementary offers

Cable outlet

P87422
MGU3.862.18

P87421
MGU3.860.18

	16 A	
Colour	2 modules	1 module
white	**MGU3.862.18**	**MGU3.860.18**
ivory	**MGU3.862.25**	**MGU3.860.25**

- 3 x 2.5mm² connection terminals
- Anti-tug clamps

Blind cover plates

P87430
MGU9.866.18

P87429
MGU9.865.18

	Blind cover plate		
Colour	2 modules	1 module	1/2 module
white	**MGU9.866.18**	**MGU9.865.18**	**MGU9.864.18**
	MGU9.866.25	**MGU9.865.25**	**MGU9.864.25**

	Blind cover plate with groove
Colour	1 module
white	**MGU9.868.18**
ivory	**MGU9.868.25**

Rockers

P140751
MGU9.200.18L

P140750
MGU9.100.18L

	Rocker with light symbol	
Colour	2 modules	1 module
white	**MGU9.200.18L**	**MGU9.100.18L**
ivory	**MGU9.200.25L**	**MGU9.100.25L**

P140753
MGU9.200.18V

P140754
MGU9.100.18VMC

	Rocker with fan symbol		Rocker with 2 speeds fan symbol	
Colour	1 module		2 modules	1 module
white	**MGU9.200.18V**	**MGU9.100.18V**	**MGU9.200.18VMC**	**MGU9.100.18VMC**
ivory	**MGU9.200.25V**	**MGU9.100.25V**	**MGU9.200.25VMC**	**MGU9.100.25VMC**

P140757
MGU9.200.18BOIL

P140756
MGU9.100.18BOIL

	Rocker with boiler symbol	
Colour	2 modules	1 module
white	**MGU9.200.18BOIL**	**MGU9.100.18BOIL**
ivory	**MGU9.200.25BOIL**	**MGU9.100.25BOIL**

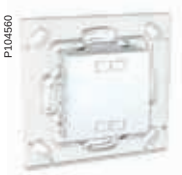
P140759
MGU9.200.18H

P140758
MGU9.100.18H

	Rocker with heater symbol	
Colour	2 modules	1 module
white	**MGU9.200.18H**	**MGU9.100.18H**
ivory	**MGU9.200.25H**	**MGU9.100.25H**

Emitters

Battery powered push-button


P104560

MGU84.071.18

P104957

	For Unica Basic and Unica Colors cover frames	For Unica Plus cover frames
Colour		
☐ white	**MGU84.071.18**	**MGU86.071.18**
ivory	**MGU84.071.25**	**MGU86.071.25**

- Can control wireless receivers for light and/or roller blinds
- Supplied with a lithium battery, 1 large cover (2 modules), 2 narrow covers (2 x 1 modules) and a set of symbols. Flat fixing frame integrated to the product

Combined modules

Combined relay (on/off)

P104568

MGU3.572.18

P104957

	With neutral
Colour	
☐ white	**MGU3.572.18**
ivory	**MGU3.572.25**

- Supplied with 1 large cover (2 modules) and 2 narrow covers (2 x 1 modules)
- Wireless receiver and emitter in one single product

Combined dimmer

P104572

MGU3.573.18

P104957

	Without neutral
Colour	
☐ white	**MGU3.573.18**
ivory	**MGU3.573.25**

- Supplied with 1 large cover (2 modules) and 2 narrow covers (2 x 1 module)
- Wireless receiver and emitter in one single product

Combined roller blind

P104576

MGU3.574.18

P104957

	With neutral
Colour	
☐ white	**MGU3.574.18**
ivory	**MGU3.574.25**

- Supplied with 1 large cover (2 modules) and 2 narrow covers (2 x 1 module)
- Wireless receiver and emitter in one single product

Combined modules load table

MGU3.572.XX	MGU3.573.XX	MGU3. 574.XX	Loads	
2300 W	20 - 315 W			230 V AC incandescent lamps
2000 W	20 - 315 W			230 V AC halogen lamps
500 VA	20 - 315 VA			230 V/12 V AC halogen lamps with ferromagnetic transformer (non toroidal) 230 V/12 V AC halogen lamps with electronic transformer
500 VA	20 - 270 VA			230 V/12 V AC halogen lamps with toroidal transformer
920 VA				230 V AC fluorescent tubes Φ 28 or Φ 38 mm (48 µF)
880 VA				230 V AC compact fluorescent lamps
880 W				230 V AC LED lamps
690 VA				230 V AC single phase motors and ventilators
		690 W		230 V AC single phase tubular motors for roller blind (with or without limit swiches)

Receivers

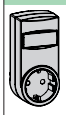
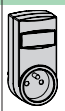
Mobile socket-outlets relay (On/Off)

P104580

CCT1A020

P104582

CCT1A022

	German type mobile socket-outlet	French type mobile socket-outlet
		
Colour		
☐ white	**CCT1A020**	**CCT1A022**
	With one key for local control (switch)	

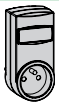
Mobile socket-outlets dimmer

P104581

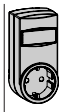
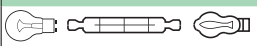
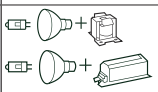
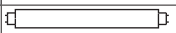
CCT1A021

P104583

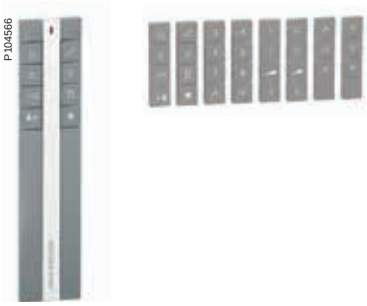
CCT1A023

	German type mobile socket-outlet	French type mobile socket-outlet
		
Colour		
☐ white	**CCT1A021**	**CCT1A023**
	With one key for local control (dimmer)	

Mobile socket-outlets load table

 **CCT1A020 CCT1A022**	**CCT1A021 CCT1A023**	**Loads**	
2300 W	250 W		230 V AC incandescent lamps and halogen lamps
1840 VA	250 VA		230/12 V AC halogen lamps with ferromagnetic transformer (non toroidal) or with electronic transformer
1840 VA cos φ ≥ 0,9			230 V AC fluorescent tubes Φ 28 or Φ 38 mm (100 µF)
1840 VA			230 V AC compact fluorescent lamps
1840 W			230 V AC LED lamps
1380 W			230 V AC motors, ventilators

Remote controls



CCT1A000

Metal remote control

8 keys to be customized

Colour	
dark grey	**CCT1A000**
	• Can control lights or/and roller blinds • 8 keys to program in simple mode and scenario mode • Supplied with 2 AAA batteries and 32 symbols

CCT1A010

Keyring remote control

4 keys

Colour	
dark grey	**CCT1A010**
	• 4 keys to control lights and/or roller blinds • Convenient design to be used as a keyring or to be placed in a pocket • Supplied with Lithium CR2032 batteries

Complementary offer

Universal modules

CCT1A030

Universal emitter

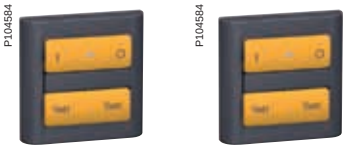
white	**CCT1A030**
	• Converts mechanical push-button into a wireless emitter • 4 RF channels • Supplied with a lithium battery • Never use switches, only push-buttons

CCT1A031

Universal receiver relay

grey	**CCT1A031**
	• Flush mounted or hidden in the ceiling • Light: 10 A max. • Engine: 3 A max.

Test kit



CCT1A090

RF signal tester

dark grey	**CCT1A090**
	Kit content: 2 testers to check the quality of the RF signal transmission between two product locations

Accessories

MGU0.570.18

Set of scenario symbols

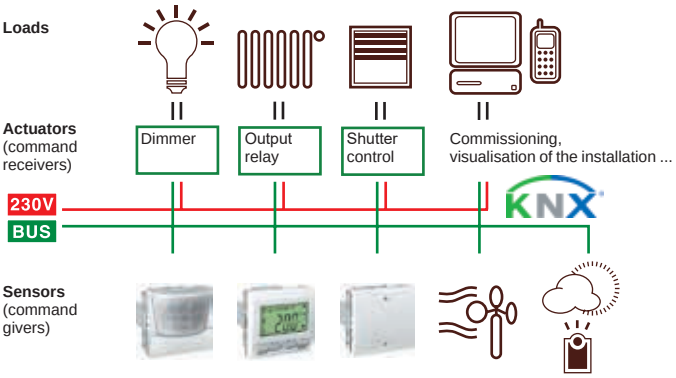
Colour	
white	**MGU0.570.18**
ivory	**MGU0.570.25**
	Set content: 2x cooking, 2x diner, 2x little light, 2x much light, 2x at home, 2x leaving home, 2x TV, 2x empty.

Introduction

The following Unica control devices have to be connected to KNX bus line.

The KNX bus line is laid in parallel to the 230 V power supply.

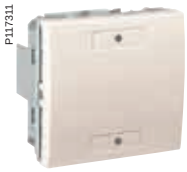
When Unica sensor is activated (for example, a push-button), an actuator (e.g. the roller shutter control) will carry out all the switching commands required.



Controls

Push-buttons

P117310
MGU3.530.18


P117311
MGU3.530.25

P117314
MGU3.531.18

P117315
MGU3.531.25

	2 buttons and 2 blue status LEDs, with screwless bus connecting terminals	4 buttons and 4 blue status LEDs, with screwless bus connecting terminals
Colour	2 modules	2 modules
white	**MGU3.530.18**	**MGU3.531.18**
ivory	**MGU3.530.25**	**MGU3.531.25**
	• The status LED is located under the symbol window which can be taken off. • With integrated bus coupler. The bus is connected using a bus connecting terminal. **Contents:** • With set of 10 symbols: ○ 2x symbol with light opening, ○ 1x symbol “1”, ○ 1x symbol “0”, ○ 2x symbol for dimming, ○ 2x symbol for shutter, ○ 2x symbol (neutral). • With bus connecting terminal.	• The status LED is located under the symbol window which can be taken off. • With integrated bus coupler. The bus is connected using a bus connecting terminal. **Contents:** • With set of 20 symbols: ○ 4x symbol with light opening, ○ 2x symbol “1”, ○ 2x symbol “0”, ○ 4x symbol for dimming, ○ 4x symbol for shutter, ○ 4x symbol (neutral). • With bus connecting terminal.
	KNX software functions: Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.	

P117318
MGU3.532.18

P117319
MGU3.532.25

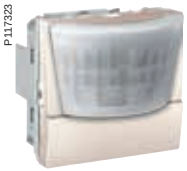
	2 buttons, blue status LED and Infra Red (IR) receiver, with screwless bus connecting terminals
Colour	2 modules
white	**MGU3.532.18**
ivory	**MGU3.532.25**
	• The status LED is located under the symbol window which can be taken off. The functions of each of the button can be triggered using an IR remote control. The push-button is pre-programmed for operation with a Schneider-Electric IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons. • With integrated bus coupler. The bus is connected using a bus connecting terminal. • Transmitter**:** IR remote control Distance, ref. MTN570222. • Contents: With bus connecting terminal.
	KNX software functions: Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

P115471
MTN570222

	Infra Red (IR) remote control for IR push-button receiver
Colour	
black	**MTN570222**
	• 10-channel IR remote control • Battery: 2 microcells (IEC LR 03, AAA) • Range: up to 20 m • Contents: without battery.

Comfort controls

P117322
MGU3.533.18


P117323
MGU3.533.25

Movement detector, with screwless bus connecting terminals

Colour	2 modules
☐ white	**MGU3.533.18**
ivory	**MGU3.533.25**

When a movement is detected, a data telegram defined by the programming is transmitted.
- Two movement sensors: the sensitivity and range can be set separately for each sensor
- Detection angle: 180°
- Installation height : 1 m to 2.5 m
- Detection area at 2.15 m mounting height : Approx. 9 m on all sides, adjustable in 10 steps (rotary switch or ETS)
- Detection brightness: Infinite setting from approx. 10 lux to approx.1000 lux (rotary switch) or from
10 lux to 2000 lux (ETS)
- Overshoot time: Adjustable in 6 steps from approx. 1 s to approx. 8 min (rotary switch) or adjustable from 1 s to 255 hours (ETS)
- EC guidelines: Low-voltage guideline 2006/95/EEC and EMC guideline 2004/108/EC
- With bus connecting terminal. The bus is connected using a bus connecting terminal.

KNX software functions: 5 movement blocks: up to 4 functions can be triggered per block. Telegrams: 1 bit, 1 byte, 2 bytes.

P117326
MGU3.534.18

P117327
MGU3.534.25

Room temperature control unit, with screwless bus connecting terminals

Colour	2 modules
☐ white	**MGU3.534.18**
ivory	**MGU3.534.25**

- With display and 4 buttons
- 2-step control, continuous PI controller, switching PI controller (PWM)
- Output: continuous in the range 0 to 100%
or switching ON/OFF
- Controller mode:
  - Heating with one controller output
  - Cooling with one controller output
  - Heating and cooling with separate controller outputs
  - Heating and cooling with one controller output
  - 2-step heating with 2 control outputs
  - 2-step cooling with 2 control outputs
  - 2-step heating and cooling with 4 control outputs
- Operating modes: Comfort, comfort extension, standby, night reduction, frost/heat protection
Move all setpoints, save all setpoint temperatures and operating modes when reset, external temperature monitoring, additional output of the control value as 1 byte value on the PWM.
With bus connecting terminal. The bus is connected using a bus connecting terminal.

For more information on functions and products in association with KNX,
go to Schneider Electric KNX catalogue.

Fixing frames

P84434

MGU7.002

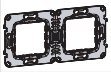
Universal fixing frames

	Fixing frame without claws
Type	1 gang
zamak	**MGU7.002**
plastic	**MGU7.002.P**
	For attachable universal box

	Fixing frame with short fixed claws	Fixing frame with long fixed claws
Type	1 gang	1 gang
zamak	**MGU7.002.GG**	**MGU7.002.GL**
		MGU7.002.GLS (1)
plastic		**MGU7.002.PGL**
	For attachable universal box	(1) Stainless claws

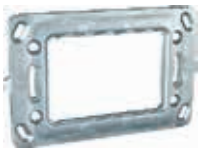
P84440

MGU7.004.P

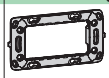
	Fixing frame without claws	Short claw with plastic protection
		
Type	2 gang	
plastic	**MGU7.004.P**	**MGU7.892**
	For attachable universal box	Set of 20 units

Italian fixing frames

P84442



MGU7.103

	Italian fixing frames	Italian fixing frames	Italian fixing frame
			
Type	3 modules	4 modules	6 modules
zamak	**MGU7.103**	**MGU7.104**	**MGU7.106**
plastic	**MGU7.103.P**	**MGU7.104.P**	

57 mm interaxis fixing frames

P109738

MGU7.012

P109738

MGU7.012.GL

	Fixing frames without claws	Fixing frames with long stainless claws	Extension for long claws
Type	1 gang	1 gang	
zamak	**MGU7.012**	**MGU7.012.GLS**	**MGU7.892.A**
			Set of 20 units, to be assembled with long claws

P87481

MGU8.002.18

P87486

MGU87.022.18

P87484

MGU8.103.18

P104740

ENN35303

P104741

ENN37303

P87465

MGU22.302.18

P87466

MGU22.304.18

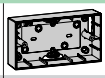
P84576

MGU8.624

P85900

MGU8.601

Surface mounting boxes

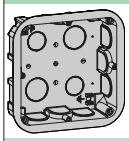
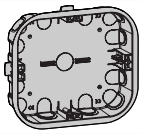
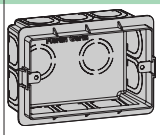
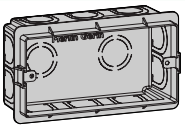
Only Unica Basic Unica Colors	**Boxes**		
Colour	1 gang	2 gang	3 gang
☐ white	**MGU8.002.18**	**MGU8.004.18**	**MGU8.006.18**
ivory	**MGU8.002.25**	**MGU8.004.25**	**MGU8.006.25**
	Boxes with clip-on fixing frame		
Only Unica Plus			
Colour	1 gang	2 gang	3 gang
☐ white	**MGU87.022.18**	**MGU87.024.18**	**MGU87.026.18**
ivory	**MGU87.022.25**	**MGU87.024.25**	**MGU87.026.25**
	Italian boxes		
Only Unica Allegro			
Colour	3 modules	4 modules	
☐ white	**MGU8.103.18**	**MGU8.104.18**	
ivory	**MGU8.103.25**	**MGU8.104.25**	

IP 55 monobloc box	**IP 55 box cover**
ENN35303	**ENN37303**
- for devices with rigid hinged flap - built in framework and surface mounted box - 20 mm diameter (use the sign for diameter instead) cable inlet.	To combine with the IP55 Surface boxes.

Boxes and cover frames

Only Unica Basic Unica Colors	**1 gang complete assembly**	**2 gang complete assembly**
Colour		
☐ white	**MGU22.302.18**	**MGU22.304.18**
ivory	**MGU22.302.25**	**MGU22.304.25**
	Cover and fixing frame + box	

Flush mounting boxes

	Flush mounting boxes		**Italian flush mounting boxes**	
				
	2 x 4 modules	2 x 6 modules	3 modules	4 modules
	MGU8.624	**MGU8.626**	**MGU8.603**	**MGU8.604**
Only Unica Basic	**Insulated box for thin panels**			
	MGU8.601			

Unica Plus

P90191
Version : 8.0 - 24 janvier 2017
ISC01064EN

Unica Plus aesthetics

P84927
White .18

P121411
Ivory .25

P84939
Sand .x67

P84928
Mist grey .x65

P84942
Mink .x74

P84943
Mauve .x76

P84945
Terracotta .x51

P84940
Orange .x69

P84930
Water green .x70

P84932
Manganese blue .x73

P84934
Glacier blue .x54

P84935
Indigo blue .x42

P104900

P84936

Bright chrome .x10

P84944

Champagne .x24

P84941

Cacao .x71

P84946

Gold .x04

P84929

Pistachio .x66

P84938

Apple green .x63

P84931

Garnet .x72

P84933

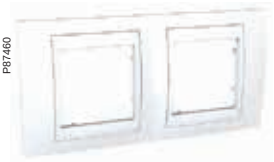
Slate grey .x77

P87459

MGU6.002.18

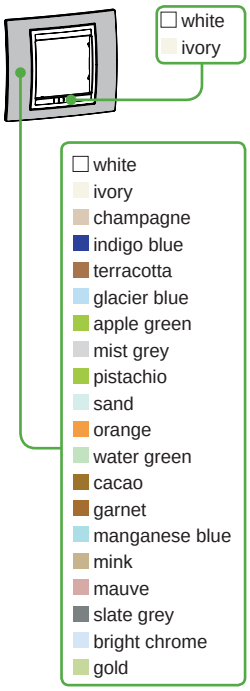
	1 gang	
Colour	white	ivory
white	MGU6.002.18	
ivory		MGU6.002.25
champagne	MGU6.002.824	MGU6.002.524
indigo blue	MGU6.002.842	MGU6.002.542
terracotta	MGU6.002.851	MGU6.002.551
glacier blue	MGU6.002.854	MGU6.002.554
apple green	MGU6.002.863	MGU6.002.563
mist grey	MGU6.002.865	MGU6.002.565
pistachio	MGU6.002.866	MGU6.002.566
sand	MGU6.002.867	MGU6.002.567
orange	MGU6.002.869	MGU6.002.569
water green	MGU6.002.870	MGU6.002.570
cacao	MGU6.002.871	MGU6.002.571
garnet	MGU6.002.872	MGU6.002.572
manganese blue	MGU6.002.873	MGU6.002.573
mink	MGU6.002.874	MGU6.002.574
mauve	MGU6.002.876	MGU6.002.576
slate grey	MGU6.002.877	MGU6.002.577
bright chrome	MGU66.002.810	MGU66.002.510
gold	MGU66.002.804	MGU66.002.504

P87460

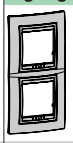


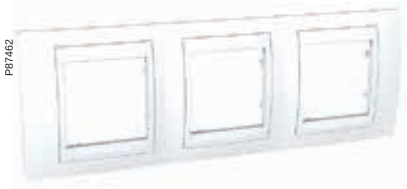
MGU6.004.18

	2 gang horizontal installation	
Colour	white	ivory
white	MGU6.004.18	
ivory		MGU6.004.25
champagne	MGU6.004.824	MGU6.004.524
indigo blue	MGU6.004.842	MGU6.004.542
terracotta	MGU6.004.851	MGU6.004.551
glacier blue	MGU6.004.854	MGU6.004.554
apple green	MGU6.004.863	MGU6.004.563
mist grey	MGU6.004.865	MGU6.004.565
pistachio	MGU6.004.866	MGU6.004.566
sand	MGU6.004.867	MGU6.004.567
orange	MGU6.004.869	MGU6.004.569
water green	MGU6.004.870	MGU6.004.570
cacao	MGU6.004.871	MGU6.004.571
garnet	MGU6.004.872	MGU6.004.572
manganese blue	MGU6.004.873	MGU6.004.573
mink	MGU6.004.874	MGU6.004.574
mauve	MGU6.004.876	MGU6.004.576
slate grey	MGU6.004.877	MGU6.004.577
bright chrome	MGU66.004.810	MGU66.004.510
gold	MGU66.004.804	MGU66.004.504



MGU6.004V.18

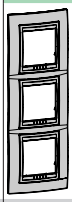
	2 gang vertical installation	
		
Colour	white	ivory
white	**MGU6.004V.18**	
ivory		**MGU6.004V.25**
champagne	**MGU6.004V.824**	**MGU6.004V.524**
indigo blue	**MGU6.004V.842**	**MGU6.004V.542**
terracotta	**MGU6.004V.851**	**MGU6.004V.551**
glacier blue	**MGU6.004V.854**	**MGU6.004V.554**
apple green	**MGU6.004V.863**	**MGU6.004V.563**
mist grey	**MGU6.004V.865**	**MGU6.004V.565**
pistachio	**MGU6.004V.866**	**MGU6.004V.566**
sand	**MGU6.004V.867**	**MGU6.004V.567**
orange	**MGU6.004V.869**	**MGU6.004V.569**
water green	**MGU6.004V.870**	**MGU6.004V.570**
cacao	**MGU6.004V.871**	**MGU6.004V.571**
garnet	**MGU6.004V.872**	**MGU6.004V.572**
manganese blue	**MGU6.004V.873**	**MGU6.004V.573**
mink	**MGU6.004V.874**	**MGU6.004V.574**
mauve	**MGU6.004V.876**	**MGU6.004V.576**
slate grey	**MGU6.004V.877**	**MGU6.004V.577**
bright chrome	**MGU66.004V.810**	**MGU66.004V.510**
gold	**MGU66.004V.804**	**MGU66.004V.504**



MGU6.006.18

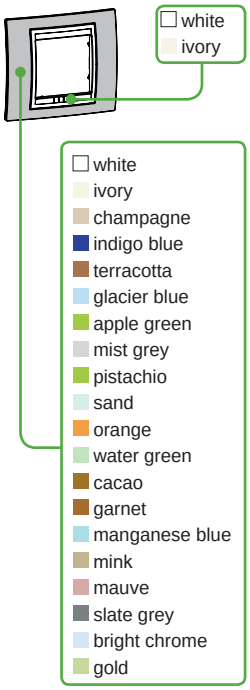
	3 gang horizontal installation	
Colour	white	ivory
white	**MGU6.006.18**	
ivory		**MGU6.006.25**
champagne	**MGU6.006.824**	**MGU6.006.524**
indigo blue	**MGU6.006.842**	**MGU6.006.542**
terracotta	**MGU6.006.851**	**MGU6.006.551**
glacier blue	**MGU6.006.854**	**MGU6.006.554**
apple green	**MGU6.006.863**	**MGU6.006.563**
mist grey	**MGU6.006.865**	**MGU6.006.565**
pistachio	**MGU6.006.866**	**MGU6.006.566**
sand	**MGU6.006.867**	**MGU6.006.567**
orange	**MGU6.006.869**	**MGU6.006.569**
water green	**MGU6.006.870**	**MGU6.006.570**
cacao	**MGU6.006.871**	**MGU6.006.571**
garnet	**MGU6.006.872**	**MGU6.006.572**
manganese blue	**MGU6.006.873**	**MGU6.006.573**
mink	**MGU6.006.874**	**MGU6.006.574**
mauve	**MGU6.006.876**	**MGU6.006.576**
slate grey	**MGU6.006.877**	**MGU6.006.577**
bright chrome	**MGU66.006.810**	**MGU66.006.510**
gold	**MGU66.006.804**	**MGU66.006.504**

MGU6.006V.18

	3 gang vertical installation	
		
Colour	☐ white	ivory
☐ white	**MGU6.006V.18**	
ivory		**MGU6.006V.25**
champagne	**MGU6.006V.824**	**MGU6.006V.524**
indigo blue		**MGU6.006V.542**
terracotta	**MGU6.006V.851**	**MGU6.006V.551**
glacier blue	**MGU6.006V.854**	
apple green		**MGU6.006V.563**
mist grey	**MGU6.006V.865**	**MGU6.006V.565**
pistachio		**MGU6.006V.566**
sand	**MGU6.006V.867**	**MGU6.006V.567**
orange	**MGU6.006V.869**	**MGU6.006V.569**
water green	**MGU6.006V.870**	**MGU6.006V.570**
cacao	**MGU6.006V.871**	**MGU6.006V.571**
garnet	**MGU6.006V.872**	**MGU6.006V.572**
manganese blue	**MGU6.006V.873**	**MGU6.006V.573**
mink	**MGU6.006V.874**	**MGU6.006V.574**
mauve	**MGU6.006V.876**	**MGU6.006V.576**
slate grey	**MGU6.006V.877**	**MGU6.006V.577**
bright chrome	**MGU66.006V.810**	**MGU66.006V.510**
gold	**MGU66.006V.804**	**MGU66.006V.504**

MGU6.008.18

	4 gang horizontal installation	
Colour	☐ white	ivory
☐ white	**MGU6.008.18**	
ivory		**MGU6.008.25**
champagne	**MGU6.008.824**	**MGU6.008.524**
indigo blue	**MGU6.008.842**	**MGU6.008.542**
terracotta	**MGU6.008.851**	**MGU6.008.551**
glacier blue	**MGU6.008.854**	**MGU6.008.554**
apple green	**MGU6.008.863**	**MGU6.008.563**
mist grey	**MGU6.008.865**	**MGU6.008.565**
pistachio	**MGU6.008.866**	**MGU6.008.566**
sand	**MGU6.008.867**	**MGU6.008.567**
orange	**MGU6.008.869**	**MGU6.008.569**
water green	**MGU6.008.870**	**MGU6.008.570**
cacao	**MGU6.008.871**	**MGU6.008.571**
garnet	**MGU6.008.872**	**MGU6.008.572**
manganese blue	**MGU6.008.873**	**MGU6.008.573**
mink	**MGU6.008.874**	**MGU6.008.574**
mauve	**MGU6.008.876**	**MGU6.008.576**
slate grey	**MGU6.008.877**	**MGU6.008.577**
bright chrome	**MGU66.008.810**	**MGU66.008.510**
gold	**MGU66.008.804**	**MGU66.008.504**

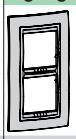


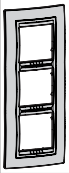
P104071

MGU6.014V.18

P104093

MGU6.016V.18

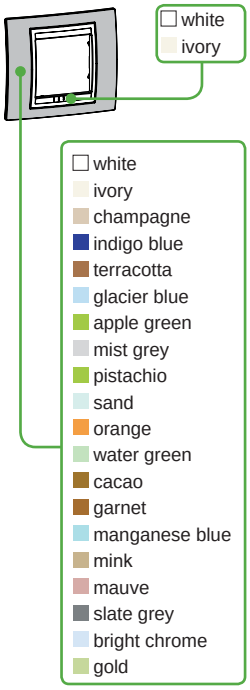
	2 gang 57 mm interaxis vertical installation	
		
Colour	☐ white	ivory
☐ white	**MGU6.014V.18**	
ivory		**MGU6.014V.25**
champagne	**MGU6.014V.824**	
terracotta		**MGU6.014V.551**
sand	**MGU6.014V.867**	**MGU6.014V.567**
cacao	**MGU6.014V.871**	
mink	**MGU6.014V.874**	**MGU6.014V.574**
slate grey	**MGU6.014V.877**	

	3 gang 57 mm interaxis vertical installation	
		
Colour	☐ white	ivory
☐ white	**MGU6.016V.18**	
ivory		**MGU6.016V.25**
champagne	**MGU6.016V.824**	
terracotta		**MGU6.016V.551**
mist grey	**MGU6.016V.865**	
sand	**MGU6.016V.867**	**MGU6.016V.567**
cacao	**MGU6.016V.871**	
mink	**MGU6.016V.874**	
slate grey	**MGU6.016V.877**	**MGU6.016V.577**

MGU6.103.865

MGU6.104.865

MGU6.106.865



3 modules Italian cover frames

Colour	white	ivory
champagne	MGU6.103.824	MGU6.103.524
indigo blue	MGU6.103.842	MGU6.103.542
terracotta	MGU6.103.851	MGU6.103.551
glacier blue	MGU6.103.854	MGU6.103.554
apple green	MGU6.103.863	MGU6.103.563
mist grey		MGU6.103.565
pistachio	MGU6.103.866	MGU6.103.566
sand	MGU6.103.867	MGU6.103.567
orange	MGU6.103.869	MGU6.103.569
water green	MGU6.103.870	MGU6.103.570
cacao	MGU6.103.871	MGU6.103.571
garnet	MGU6.103.872	MGU6.103.572
manganese blue	MGU6.103.873	MGU6.103.573
mink	MGU6.103.874	MGU6.103.574
mauve	MGU6.103.876	MGU6.103.576
slate grey	MGU6.103.877	MGU6.103.577
bright chrome	MGU66.103.810	
gold	MGU66.103.804	

4 modules Italian cover frames

Colour	white	ivory
champagne	MGU6.104.824	MGU6.104.524
indigo blue	MGU6.104.842	MGU6.104.542
terracotta	MGU6.104.851	MGU6.104.551
glacier blue	MGU6.104.854	
apple green	MGU6.104.863	MGU6.104.563
mist grey	MGU6.104.865	MGU6.104.565
pistachio	MGU6.104.866	MGU6.104.566
sand	MGU6.104.867	MGU6.104.567
orange	MGU6.104.869	MGU6.104.569
cacao	MGU6.104.871	MGU6.104.571
garnet	MGU6.104.872	MGU6.104.572
manganese blue	MGU6.104.873	MGU6.104.573
mink	MGU6.104.874	MGU6.104.574
mauve	MGU6.104.876	MGU6.104.576
slate grey	MGU6.104.877	MGU6.104.577

6 modules Italian cover frames

Colour	white	ivory
champagne	MGU6.106.824	MGU6.106.524
indigo blue	MGU6.106.842	MGU6.106.542
terracotta	MGU6.106.851	MGU6.106.551
glacier blue	MGU6.106.854	MGU6.106.554
apple green	MGU6.106.863	MGU6.106.563
mist grey	MGU6.106.865	MGU6.106.565
pistachio	MGU6.106.866	MGU6.106.566
sand	MGU6.106.867	MGU6.106.567
orange	MGU6.106.869	MGU6.106.569
water green	MGU6.106.870	
cacao	MGU6.106.871	MGU6.106.571
garnet	MGU6.106.872	MGU6.106.572
mink	MGU6.106.874	MGU6.106.574
mauve	MGU6.106.876	MGU6.106.576
slate grey	MGU6.106.877	

P87471

MGU248.424.18

Centralization cover frames

	2 x 4 modules	
Colour	white	ivory
white	**MGU48.424.18**	
ivory		**MGU48.424.25**
champagne	**MGU48.424.824**	**MGU48.424.524**
indigo blue	**MGU48.424.842**	
terracotta	**MGU48.424.851**	
glacier blue	**MGU48.424.854**	
apple green	**MGU48.424.863**	
mist grey	**MGU48.424.865**	
pistachio	**MGU48.424.866**	
sand	**MGU48.424.867**	**MGU48.424.567**
orange	**MGU48.424.869**	
cacao	**MGU48.424.871**	**MGU48.424.571**
garnet	**MGU48.424.872**	
manganese blue	**MGU48.424.873**	
mink	**MGU48.424.874**	**MGU48.424.574**
mauve		**MGU48.424.576**
slate grey	**MGU48.424.877**	
bright chrome	**MGU49.424.810**	**MGU49.424.510**
gold	**MGU49.424.804**	**MGU49.424.504**

P87472

MGU48.426.18

	2 x 6 modules	
Colour	white	ivory
white	**MGU48.426.18**	
ivory		**MGU48.426.25**
champagne	**MGU48.426.824**	**MGU48.426.524**
terracotta	**MGU48.426.851**	
mist grey	**MGU48.426.865**	
sand	**MGU48.426.867**	**MGU48.426.567**
cacao	**MGU48.426.871**	
garnet	**MGU48.426.872**	
mink	**MGU48.426.874**	**MGU48.426.574**
slate grey	**MGU48.426.877**	
bright chrome	**MGU49.426.810**	**MGU49.426.510**
gold	**MGU49.426.804**	**MGU49.426.504**

P87493

MGU6.502.18

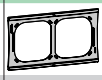
P87494

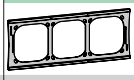
MGU6.504.18

P87495

MGU6.506.18

Supplementary frames

	1 gang	2 gang
		
Colour		
☐ white	**MGU6.502.18**	**MGU6.504.18**
ivory	**MGU6.502.25**	

	3 gang
	
Colour	
ivory	**MGU6.506.25**

P87474

MGU61.002.18G

Cover and fixing frame IP44

	Without claws	With claws
Colour		
☐ white	**MGU61.002.18**	**MGU61.002.18G**
ivory	**MGU61.002.25**	**MGU61.002.25G**
champagne	**MGU61.002.824**	
indigo blue	**MGU61.002.842**	
terracotta	**MGU61.002.851**	
glacier blue	**MGU61.002.854**	
apple green	**MGU61.002.863**	
mist grey	**MGU61.002.865**	
pistachio	**MGU61.002.866**	
sand	**MGU61.002.867**	
orange	**MGU61.002.869**	
water green	**MGU61.002.870**	
cacao	**MGU61.002.871**	
garnet	**MGU61.002.872**	
manganese blue	**MGU61.002.873**	
mink	**MGU61.002.874**	
mauve	**MGU61.002.876**	
slate grey	**MGU61.002.877**	
bright chrome	**MGU61.002.810**	
gold	**MGU61.002.804**	

Cover and fixing frame IP55

	IP55	
Colour	3 modules	4 modules
☐ white	**MGU11.103.18**	**MGU11.104.18**
ivory	**MGU11.103.25**	**MGU11.104.25**

Unica Quadro

P105762
Version : 8.0 - 24 janvier 2017
ISC01064EN

Unica Quadro aesthetics

Metallized colours

P104529
Silver .55

P104530
Copper .56

P104531
Titanium .57

Natura colours

P104522
Aqua .26

P104523
Lipstick .27

P104524
Bio .28

P104525
Cytrus .29

Pearl colours

Salmon .37

Pearl .35

Candy .36

Quadro colours

White .18

Ivory .25

Stone .16

Urban green .17

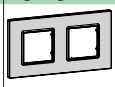
Cover frames

P103781

MGU2.702.18

P103785

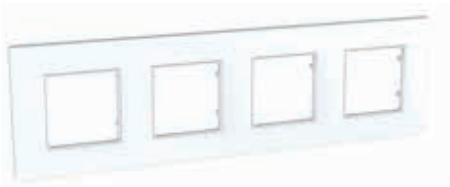
MGU2.704.18

	1 gang	2 gang
		
Quadro		
white	**MGU2.702.18**	**MGU2.704.18**
ivory	**MGU2.702.25**	**MGU2.704.25**
stone	**MGU2.702.16**	**MGU2.704.16**
Urban green	**MGU2.702.17**	**MGU2.704.17**
Quadro Natura		
aqua	**MGU4.702.26**	**MGU4.704.26**
lipstick	**MGU4.702.27**	**MGU4.704.27**
bio	**MGU4.702.28**	**MGU4.704.28**
cytrus	**MGU4.702.29**	**MGU4.704.29**
Quadro Pearl		
salmon	**MGU4.702.37**	**MGU4.704.37**
pearl	**MGU4.702.35**	**MGU4.704.35**
candy	**MGU4.702.36**	**MGU4.704.36**
Quadro Metallized		
silver	**MGU6.702.55**	**MGU6.704.55**
copper	**MGU6.702.56**	**MGU6.704.56**
titanium	**MGU6.702.57**	**MGU6.704.57**

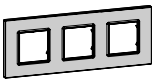
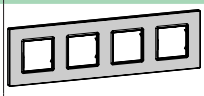
P103789

MGU42.706.18

P103793



MGU2.708.18

	3 gang	4 gang
		
Quadro		
white	**MGU2.706.18**	**MGU2.708.18**
ivory	**MGU2.706.25**	**MGU2.708.25**
stone	**MGU2.706.16**	**MGU2.708.16**
Urban green	**MGU2.706.17**	**MGU2.708.17**
Quadro Natura		
aqua	**MGU4.706.26**	**MGU4.708.26**
lipstick	**MGU4.706.27**	**MGU4.708.27**
bio	**MGU4.706.28**	**MGU4.708.28**
cytrus	**MGU4.706.29**	**MGU4.708.29**
Quadro Pearl		
salmon	**MGU4.706.37**	**MGU4.708.37**
pearl	**MGU4.706.35**	**MGU4.708.35**
candy	**MGU4.706.36**	**MGU4.708.36**
Quadro Metallized		
silver	**MGU6.706.55**	**MGU6.708.55**
copper	**MGU6.706.56**	**MGU6.708.56**
titanium	**MGU6.706.57**	**MGU6.708.57**

Cover frames

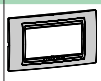
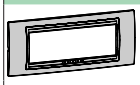
MGU2.801.18

MGU2.802.18

MGU2.803.18

MGU2.804.18

MGU2.806.18

	1 module	2 modules
Quadro		
☐ white	**MGU2.801.18**	**MGU2.802.18**
ivory	**MGU2.801.25**	**MGU2.802.25**
Quadro Metallized		
silver	**MGU2.801.55**	**MGU2.802.55**
titanium	**MGU2.801.57**	**MGU2.802.57**
	3 modules	
		
Quadro		
☐ white	**MGU2.803.18**	**MGU2.804.18**
ivory	**MGU2.803.25**	**MGU2.804.25**
Quadro Metallized		
silver	**MGU2.803.55**	**MGU2.804.55**
titanium	**MGU2.803.57**	**MGU2.804.57**
	6 modules	
		
Quadro		
☐ white	**MGU2.806.18**	
ivory	**MGU2.806.25**	
Quadro Metallized		
silver	**MGU2.806.55**	
titanium	**MGU2.806.57**	

Unica Allegro

P80177
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Unica Allegro aesthetics

P86330

White .18

P86331

Ivory .25

P86333

Cream .59

P86343

Sand .67

P86342

Golden .64

P86341

Bronze .13

P86338

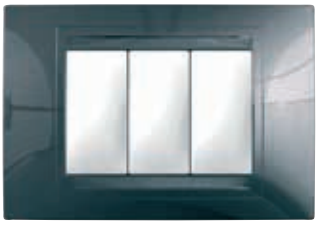
Terracotta .51

P104904

P86340
Champagne .24

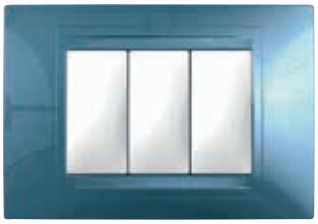
P86336
Aluminium .30

P86339
Dull silver .60


P86332
Technical grey .58

P86334
Graphite grey .62

P86335
Indigo blue .42


P86337
Glacier blue .54

Cover frames

P87455

MGU4.101.18

	1 module
Colour	
white	**MGU4.101.18**
ivory	**MGU4.101.25**
bronze	**MGU4.101.13**
champagne	**MGU4.101.24**
aluminium	**MGU4.101.30**
indigo blue	**MGU4.101.42**
terracotta	**MGU4.101.51**
glacier blue	**MGU4.101.54**
technical grey	**MGU4.101.58**
cream	**MGU4.101.59**
dull silver	**MGU4.101.60**
graphite grey	**MGU4.101.62**
golden	**MGU4.101.64**
sand	**MGU4.101.67**

P87456

MGU4.102.18

	2 modules
Colour	
white	**MGU4.102.18**
ivory	**MGU4.102.25**
bronze	**MGU4.102.13**
champagne	**MGU4.102.24**
aluminium	**MGU4.102.30**
indigo blue	**MGU4.102.42**
terracotta	**MGU4.102.51**
glacier blue	**MGU4.102.54**
technical grey	**MGU4.102.58**
cream	**MGU4.102.59**
dull silver	**MGU4.102.60**
graphite grey	**MGU4.102.62**
golden	**MGU4.102.64**
sand	**MGU4.102.67**

P87457

MGU4.103.18

	3 modules
Colour	
white	**MGU4.103.18**
ivory	**MGU4.103.25**
bronze	**MGU4.103.13**
champagne	**MGU4.103.24**
aluminium	**MGU4.103.30**
indigo blue	**MGU4.103.42**
terracotta	**MGU4.103.51**
glacier blue	**MGU4.103.54**
technical grey	**MGU4.103.58**
cream	**MGU4.103.59**
dull silver	**MGU4.103.60**
graphite grey	**MGU4.103.62**
golden	**MGU4.103.64**
sand	**MGU4.103.67**

Cover frames

MGU4.104.18

	4 modules
Colour	
white	**MGU4.104.18**
ivory	**MGU4.104.25**
bronze	**MGU4.104.13**
champagne	**MGU4.104.24**
aluminium	**MGU4.104.30**
indigo blue	**MGU4.104.42**
terracotta	**MGU4.104.51**
glacier blue	**MGU4.104.54**
technical grey	**MGU4.104.58**
cream	**MGU4.104.59**
dull silver	**MGU4.104.60**
graphite grey	**MGU4.104.62**
golden	**MGU4.104.64**
sand	**MGU4.104.67**

MGU4.106.18

	6 modules
Colour	
white	**MGU4.106.18**
ivory	**MGU4.106.25**
technical grey	**MGU4.106.58**
aluminium	**MGU4.106.30**
cream	**MGU4.106.59**
graphite grey	**MGU4.106.62**
indigo blue	**MGU4.106.42**
glacier blue	**MGU4.106.54**
terracotta	**MGU4.106.51**
dull silver	**MGU4.106.60**
champagne	**MGU4.106.24**
bronze	**MGU4.106.13**
golden	**MGU4.106.64**
sand	**MGU4.106.67**

Unica Colors

P90200
Version : 8.0 - 24 janvier 2017
ISC01064EN

Unica Colors aesthetics

P84964
White .18

P84960
Dull silver .60

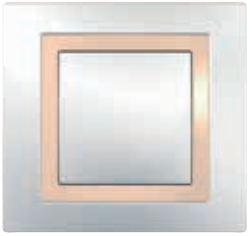
P84961
Champagne .24

P84954
Technical grey .58

P84965
Ivory .25

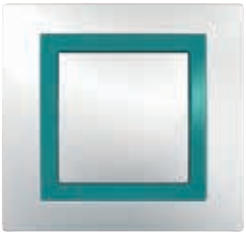
P84955
Cream .59

P84966
Royal yellow .01

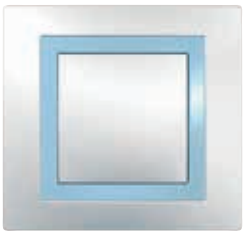

P84967
Beige .44

P84963
Golden .64

P84962
Bronze .13


P91461
Moss green .06

P91464
Pastry green .48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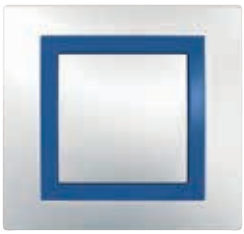
Pastel blue .34

P84958
Glacier blue .54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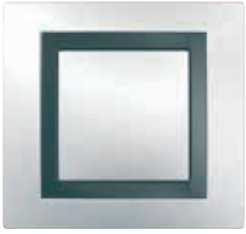
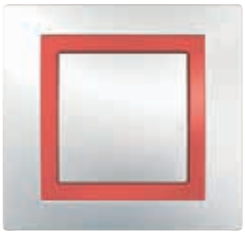
Lavender blue .05

P84957
Indigo blue .42



Graphite grey .62



Red .43

Terracotta .51

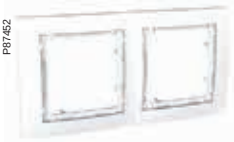
Violet .31

Cover frames

P87451

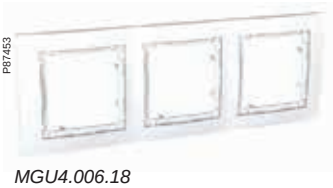
MGU4.002.18

P87452



MGU4.004.18

P87453

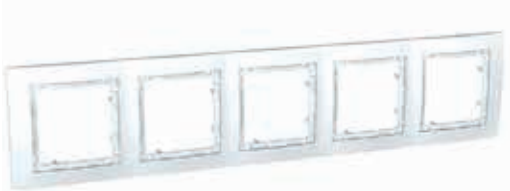


MGU4.006.18

P87454

MGU4.008.18

P104532



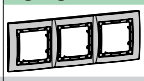
MGU4.010.18

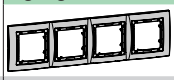
P87455

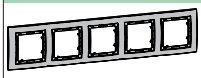
MGU22.302.18

	1 gang
Colour	
☐ white	**MGU4.002.18**
ivory	**MGU4.002.25**

	2 gang
Colour	
☐ white	**MGU4.004.18**
ivory	**MGU4.004.25**

	3 gang
	
Colour	
☐ white	**MGU4.006.18**
ivory	**MGU4.006.25**

	4 gang
	
Colour	
☐ white	**MGU4.008.18**
ivory	**MGU4.008.25**

	5 gang
	
Colour	
☐ white	**MGU4.010.18**
ivory	**MGU4.010.25**

Cover frames and boxes

	1 gang complete assembly	2 gang complete assembly
Colour		
☐ white	**MGU22.302.18**	**MGU22.304.18**
ivory	**MGU22.302.25**	**MGU22.304.25**
	Cover and fixing frame + box	

Cover frames

P87450

MGU4.000.18

	Decorative frames
Colour	
white	**MGU4.000.18**
ivory	**MGU4.000.25**
royal yellow	**MGU4.000.01**
lavander blue	**MGU4.000.05**
moss green	**MGU4.000.06**
bronze	**MGU4.000.13**
champagne	**MGU4.000.24**
violet	**MGU4.000.31**
pastel blue	**MGU4.000.34**
indigo blue	**MGU4.000.42**
red	**MGU4.000.43**
beige	**MGU4.000.44**
pastry green	**MGU4.000.48**
terracotta	**MGU4.000.51**
glacier blue	**MGU4.000.54**
technical grey	**MGU4.000.58**
cream	**MGU4.000.59**
dull silver	**MGU4.000.60**
graphite grey	**MGU4.000.62**
golden	**MGU4.000.64**

Supplementary frames

P87490

MGU2.502.18

P87491

P87492

	1 gang
Colour	
white	**MGU2.502.18**

Unica Basic

P105764

P84951

Ivory .25

P84953

Cream / ivory .559

P86055

Cream / white .859

P84950

White .18

P84952

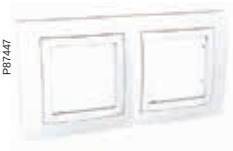
Technical grey / white .858

Cover frames

P87445

MGU2.002.18

P87447



MGU2.004.18

P87448

MGU2.006.18

P87449

MGU2.008.18

P104534

MGU2.010.18

	1 gang	1 gang monobloc
Colour		
☐ white	**MGU2.002.18**	**MGU2.002.18M**
ivory	**MGU2.002.25**	**MGU2.002.25M**
technical grey/white	**MGU2.002.858**	
cream/ivory	**MGU2.002.559**	
cream/white	**MGU2.002.859**	

	2 gang
Colour	
☐ white	**MGU2.004.18**
ivory	**MGU2.004.25**
technical grey/white	**MGU2.004.858**
cream/ivory	**MGU2.004.559**
cream/white	**MGU2.004.859**

	3 gang
Colour	
☐ white	**MGU2.006.18**
ivory	**MGU2.006.25**
technical grey/white	**MGU2.006.858**
cream/ivory	**MGU2.006.559**
cream/white	**MGU2.006.859**

	4 gang
Colour	
☐ white	**MGU2.008.18**
ivory	**MGU2.008.25**
technical grey/white	**MGU2.008.858**
cream/ivory	**MGU2.008.559**
cream/white	**MGU2.008.859**

	5 gang
Colour	
☐ white	**MGU2.010.18**
ivory	**MGU2.010.25**

Cover and fixing frames for thin panels

	Cover and fixing frames for thin panels	
Colour	1 module	1 + 1 modules
☐ white	**MGU47.201.18P**	**MGU47.202.18P**
ivory	**MGU47.201.25P**	**MGU47.202.25P**

P87467

MGU47.201.18P

P87468

MGU47.202.18P

MGU22.302.18

Cover frames and boxes

	1 gang complete assembly	2 gang complete assembly
Colour		
☐ white	**MGU22.302.18**	**MGU22.304.18**
ivory	**MGU22.302.25**	**MGU22.304.25**
	Cover and fixing frame + box	

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Switches and push-buttons

Area of application

Switches and selector switches

● Control (On/Off) of circuits with resistive loads, inductive loads and small motors (lighting with incandescent and fluorescent lamps and transformers, fans, vacuum cleaners, power socket control, etc.).
● Control devices with a locator or indicator lamp include a LED lamp connected inside. These devices are available in 2 versions:
○ items with a blue locator lamp, for night-time identification in reduced light conditions or complete darkness, for example corridors, stairways, etc. (ref. finishes in N). In this case, the lamp indicates that the load is connected but on standby: when the load is in operation, the lamp is off
○ items with an amber indicator lamp for indication of load in operation (ref. finishes in S). The lamp indicates that the load is in operation

Push-buttons

● Control of bells and sound in general.
● Auxiliary control of regulators, time delay relays and presence detection control switches.
● Control of impulse relays.
● Usable as controls for and other pulse-type systems.
● Push-buttons with a blue locator lamp, for night-time identification in reduced light conditions or complete darkness, for example corridors, stairways, etc. (ref. finishes in N).
In this case, the lamp indicates that the load is connected but on standby: when the load is in operation, the lamp is off.

Mechanisms for roller blinds

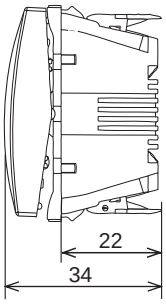
● Rated current and voltage: 10 A- 250 V AC (2.5 A motor control).
● Used to control motorized shutters, roller blinds, etc.
● These devices are available in 2 ranges:
○ switch: for direct start-up of motors without automation system (with limit stop)
○ push-button: for motor control by automation systems or with limit stop and for roller blinds equipped with an electronic control system.
● The mechanisms for roller blinds include a safety locking system and/or moving to zero on the wiring diagram, thus preventing simultaneous control in both directions.

Common technical data

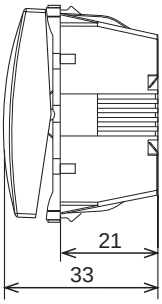
● Rated current and voltage: 10 AX 250 V AC; 16 AX 250 V AC, 20 AX and 32 A (25 AX) (also suitable for fluorescent loads).
● Materials: self-extinguishing technopolymer with excellent impact strength and halogen-free.
● All the devices and covers are resistant to cleaning products and UV radiation.
● The locator or indicator lamps are LED, already installed in the device (does not need to be connected separately) and exhibiting the following characteristics:
○ maximum current: 0.15 mA,
○ lifetime: 80 000 h,
○ maximum temperature rise: 7 °C.

Dimensions (mm)

Screwless terminals control devices
(10 A devices)



Screw terminals control devices
(10 A and 16 A devices)



Standards

● In accordance with EN 60.669-1 and to LV and EMC directives.
● Contact opening distance: > 3 mm.
● Insulation resistance: > 5 MΩ / 500 V.
● Dielectric strength: > 2000 V.
● Minimum breaking capacity:
○ 200 operations at 1.25 x In and 1.1 x Vn, where Pf (cosφ) = 0.3
○ 200 operations at 1.25 x In and Vn with tungsten filament lamps (not applicable to push-buttons).
● Minimum useful life:
○ 40,000 position changes at In and 250 V, where Pf (cosφ) = 0.6 (10 A and 16 A devices)
○ 10,000 position changes at In and 250 V where Pf (cosφ) = 0.6 (20 A and 32 A devices)
○ 10,000 position changes with fluorescent load (10 AX devices)
○ 5,000 position changes with fluorescent load (16 AX devices).
● Printing on push-buttons: indelible pad printing as per EN 60.669-1.
● Rated current for double switches is considered in the common phase (the sum of currents in both circuits) according to EN 60.669-1.
● Mechanisms for roller blinds according to EN 60.669-1 (for switches) and EN 61.058-1 (for devices) As per EN 60.669-1.

Installation

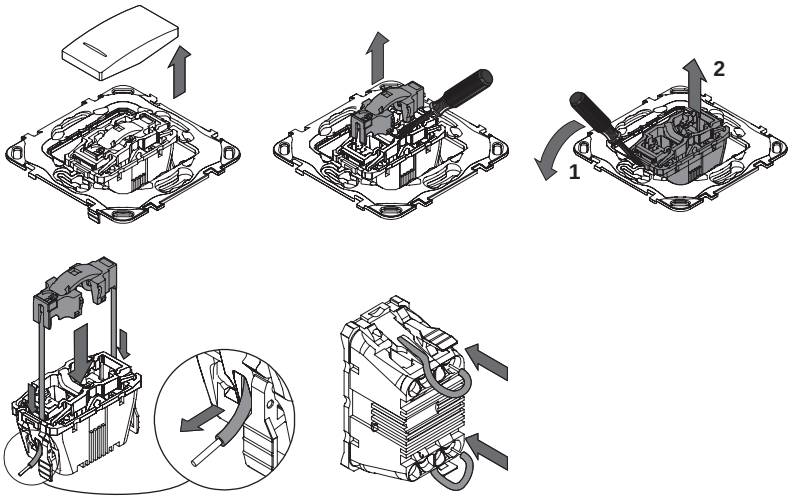
● These devices can be easily assembled and disassembled by the front panel by clipping On and Off. During assembly, a «clicking» noise informs you that the device has been placed correctly in the rack.
● Push-buttons can be customized on request using drawings produced by pad printing.

Connections

● Connection terminals:
○ for 10 A devices; screw or screwless terminals for rigid or flexible cables up to 2.5 mm²
○ for 16 A devices; screw terminals for rigid or flexible cables up to 4 mm²
○ for 32 A devices; screw terminals for rigid or flexible cables up to 6 mm².
● Colour code for quick identification of terminals in the screwless connection versions.

Blue locator or amber indicator lamps

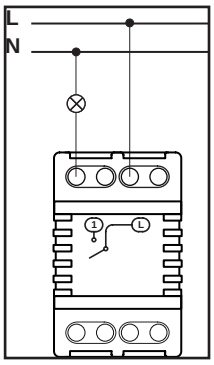
Lamps replacement



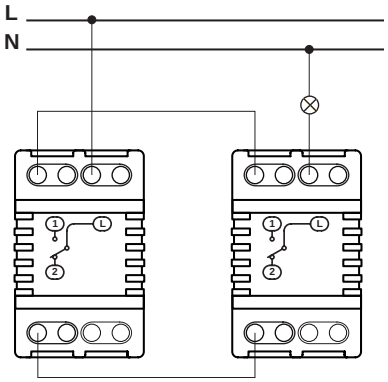
Switches and push-buttons

Switches and push-buttons

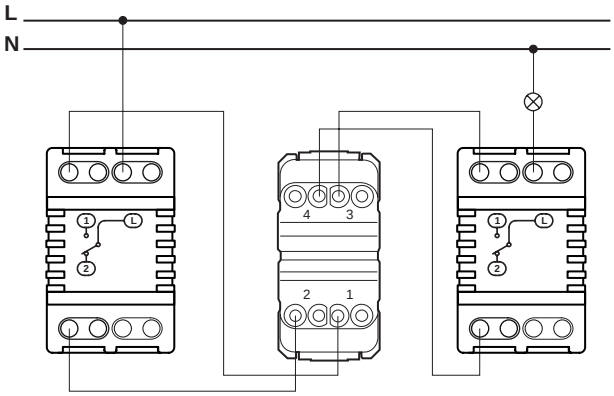
Connection examples



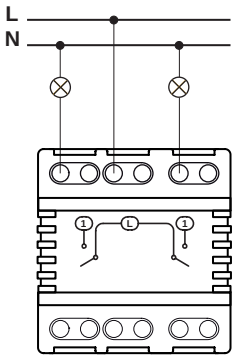
One-way switch



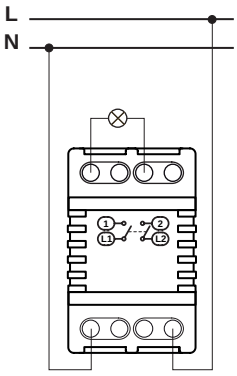
2 two-way switches



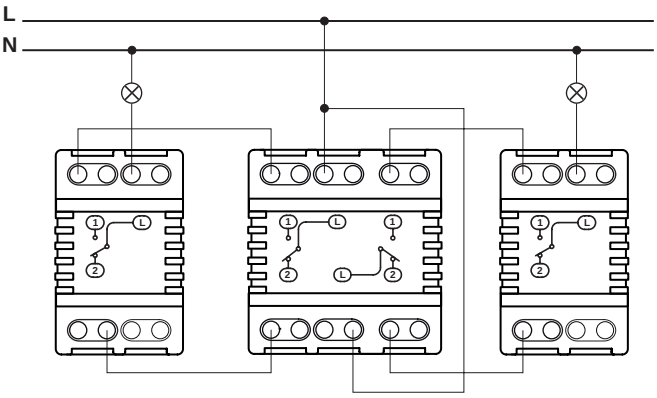
2 two-way switches + 1 intermediate switch



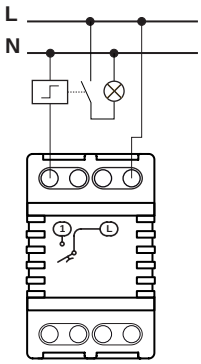
Double one-way switch



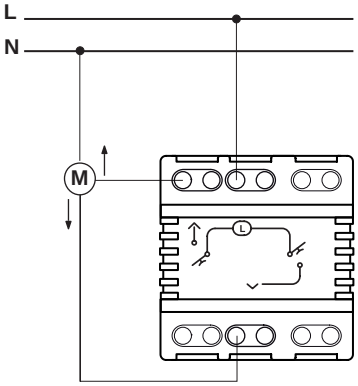
Double pole switch



2 two-way switches + 1 double two-way switch acting on two different loads



Push-button

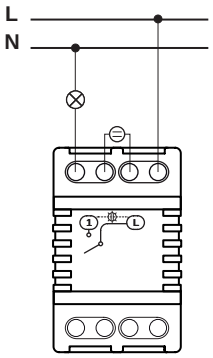


Switch or push-button for roller blinds

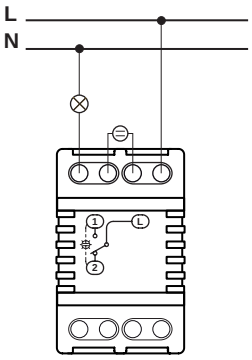
Switches and push-buttons

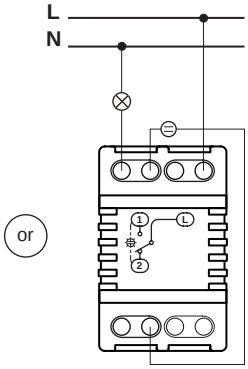
Switches and push-buttons with locator lamps

Connection examples

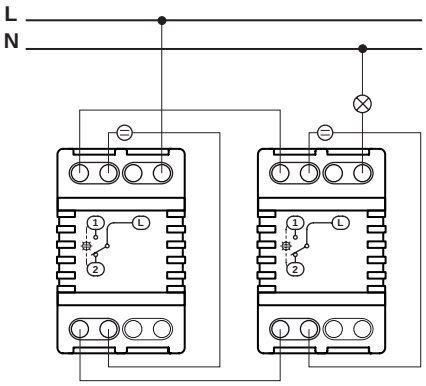


One-way switch
with locator lamp

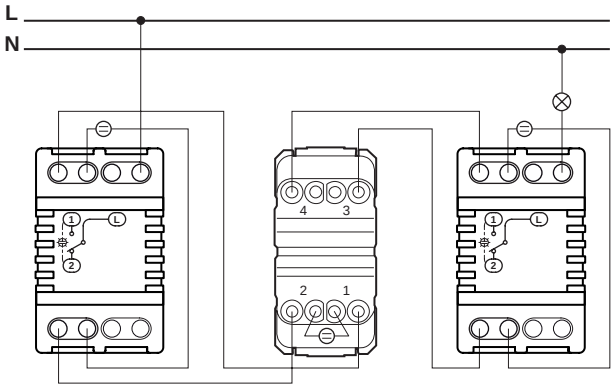


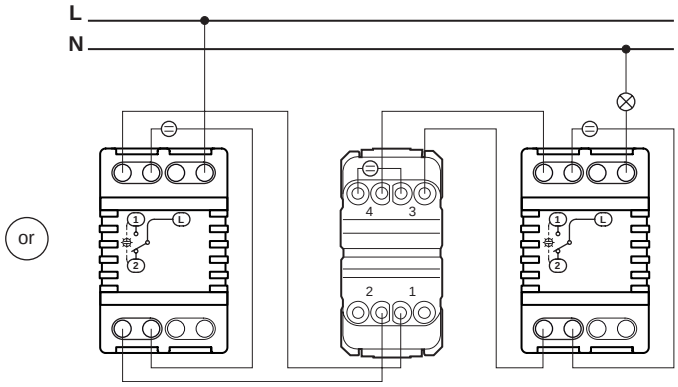


Two-way switch (used as a one-way-switch) with locator lamp

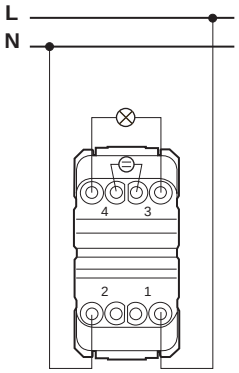


2 two-way switches with locator lamps

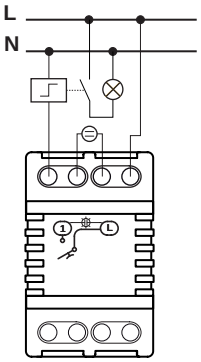




2 two-way switches + 1 intermediate switch with locator lamps



Double pole switch
with locator lamp

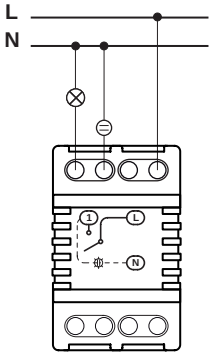


Push-button
with locator lamp

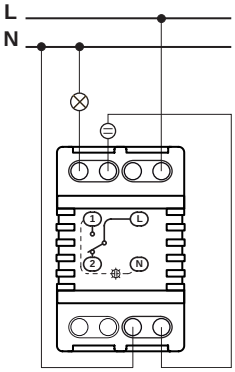
Switches and push-buttons

Switches and push-buttons with indicator lamps

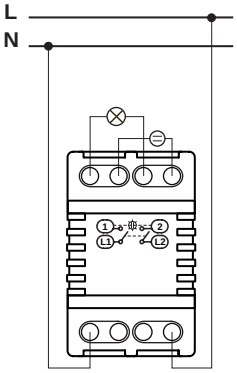
Connection examples



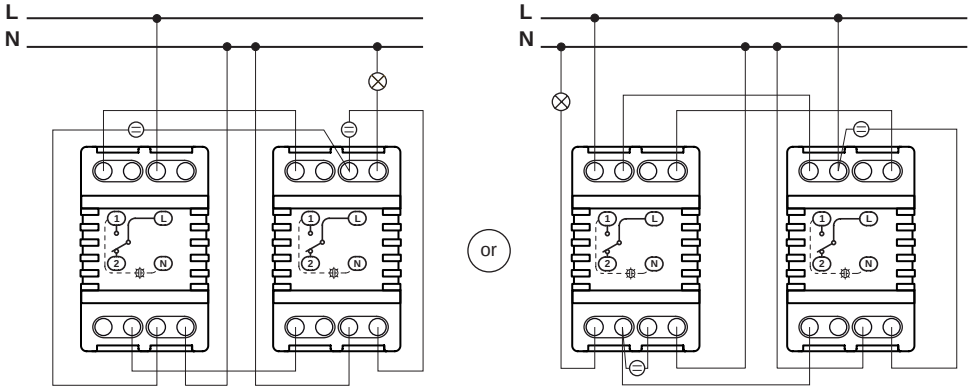
One-way with indicator lamp



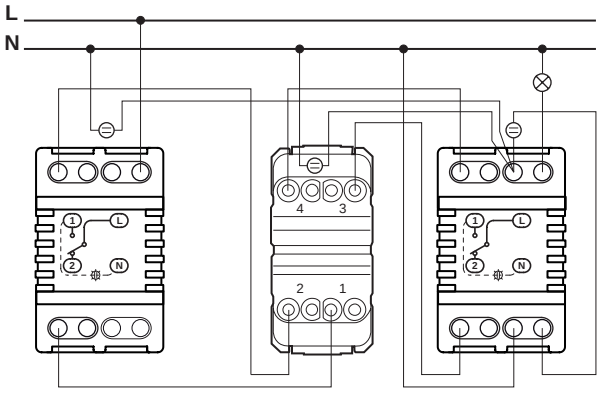
Two-way switch
(used as a one-way-switch)
with indicator lamp



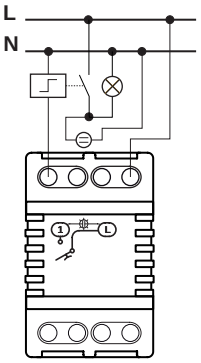
Double pole switch
with indicator lamp



2 two-way switches with indicator lamps



2 two-way switches + 1 intermediate switch with indicator lamps



Push-button
with indicator lamp

Miniature circuit breaker switches
Residual current device switches

Area of application

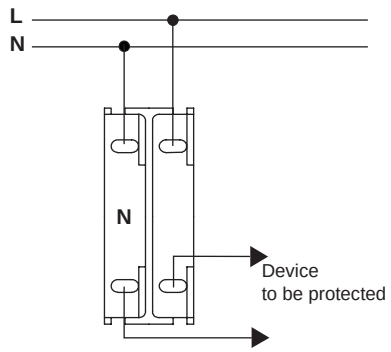
● Miniature circuit breaker switches (MCB) and Residual current device switches (RCD) are used in addition to the safety device installed at the incoming end of the system. They can therefore significantly improve the protection of sensitive parts of the system against overloads, short-circuits and bypass faults.
● Areas of domestic premises susceptible to humidity (bathroom, kitchen, laundry room, etc.) in accordance with IEC/UNE-EN Electrical Installations of Buildings standards.
● Power outlets for supplying electronic equipment (PCs and peripherals, typewriters, electronic scales, cash registers, etc.).
It is also possible to reduce and locate faulty areas and to increase the availability of the rest of the installation upstream of this additional safety system.
● Such items cannot be installed in MGU8.00X surface-mounted boxes, U10.002 and U11.002 IP55 surface-mounted boxes and MGU61.002 IP44 cover and fixing frame assemblies.

Standards

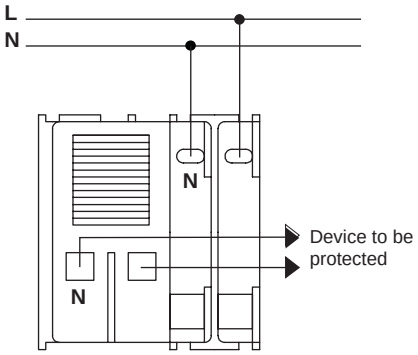
In accordance with EN 60898 and EN 61009-1:
● the electromagnetic part conforms to EN 60898
● the differential part conforms to EN 61009.

Connections

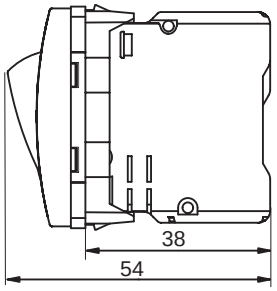
MCB connection



RCD connection

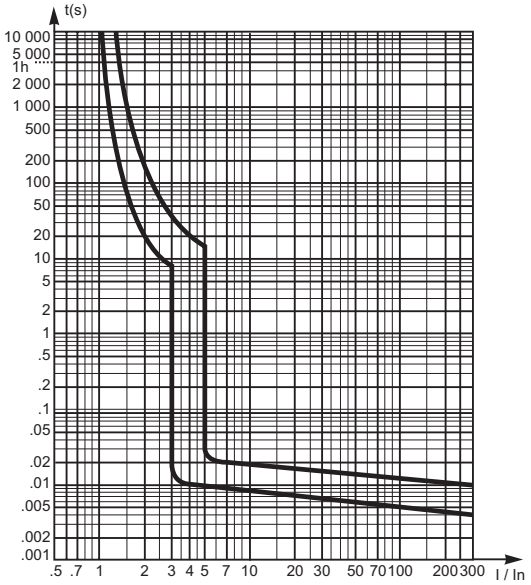


Dimensions (mm)



Technical data

● Rated voltage: 230 V AC ± 10 %, 50 Hz.
● MCB trip curve: the trip curve corresponds to the values specified in EN60898.



● MCB rated currents (rating) and breaking capacities:

Reference	Number of poles	Rating (A)	Breaking capacity (A)
MGU3.654.XX	1	6	1500
MGU3.655.XX	1	10	1500
MGU3.656.XX	1	16	1500
MGU3.614.XX	1 + N	10	3000
MGU3.615.XX	1 + N	16	3000

● RCD rated currents (rating) and breaking capacities:

Reference	Number of poles	Rating (A)	Breaking capacity (A)
MGU3.610.XX	1 + N	6	1500
MGU3.611.XX	1 + N	10	3000
MGU3.612.XX	1 + N	16	3000

● A circuit breaker installed on a vertical wall has a degree of protection to IP41.
● The device must be used in a dry, dust-free area with an ambient temperature between -5°C and 40°C.
● The circuit can be closed manually by turning the circuit breaker handle in the direction of the «I» symbol.
● The circuit can be opened manually by turning the circuit breaker handle in the direction of the «O» symbol, or automatically by thermal or magnetic action.
● With respect to the RCD, the circuit can also be opened by pressing the test button «T» and automatically by differential action.
● The test button «T» must be activated once a month.
● Fully protected rear screw terminals (IP2X) with toothed pressure plates and captive screws that can accept two 2.5 mm² conductors.
● The RCD sensitive to 10 mA can also operate in the presence of non-sinusoidal fault currents (AC currents with superimposed unidirectional pulse currents). They can consequently be classified, according to the terms of EN 61009-1, as «type A differential circuit breakers» that can be identified by the appropriate symbol.

Fuse holders

Technical data

MGU3.630.XX
Fuse holder with a permissible maximum current of 10 A at 230 V AC for 6 x 32 mm fuses (not supplied).

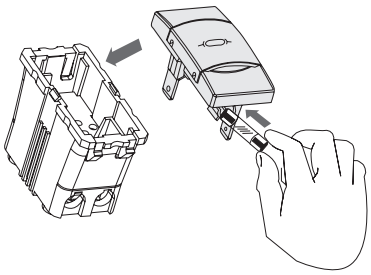
MGU3.631.XX
Fuse holder with a permissible maximum current of 16 A at 230 V AC for 8.5 x 31.5 mm, 00 type fuses (not supplied).

Standards

- MGU3.630.XX: in accordance with EN 60127-6.
- MGU3.631.XX: in accordance with EN 60269.

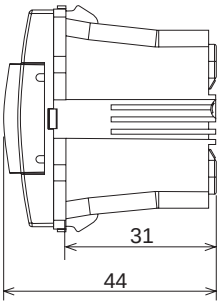
Fuse replacement

MGU3.630.XX



MGU3.631.XX
Simply unscrew the fuse holder from the front face.

Dimensions (mm)



Rotary electronic dimmer switches

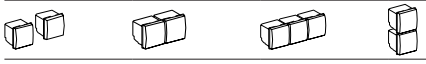
MGU3.510.XX - 400 VA, 1-10 V

Area of application

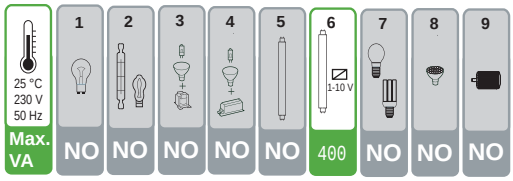
- Regulation of different loads (see load table) for homes and buildings.
- Suitable for renovation as it allows replacement of a switch or a selector switch by a regulator without having to change cables.
- As the regulator reduces the current supplying the load, it allows considerable energy savings.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- For fluorescent tubes Ø 26 and 38 mm with 1-10 V adjustable electronic ballast.
- For 10 x 1-10V ballast with 36 W fluorescent tubes or 5 x 1-10V ballast, 2 x 18 W fluorescent tubes, Ø 26 and 30 mm.
- External relay control: maximum of 50 x 1-10 V ballast.
- Fuse: 4 Ah, 230 V AC, 5 x 20 mm.
- Max. control current: 200 mA.
- Output power derating with 2 or 3 devices combining:

Configuration and number of combining devices			
			
Output power derating			
25 %	25 %	40 %	50 %

Load table

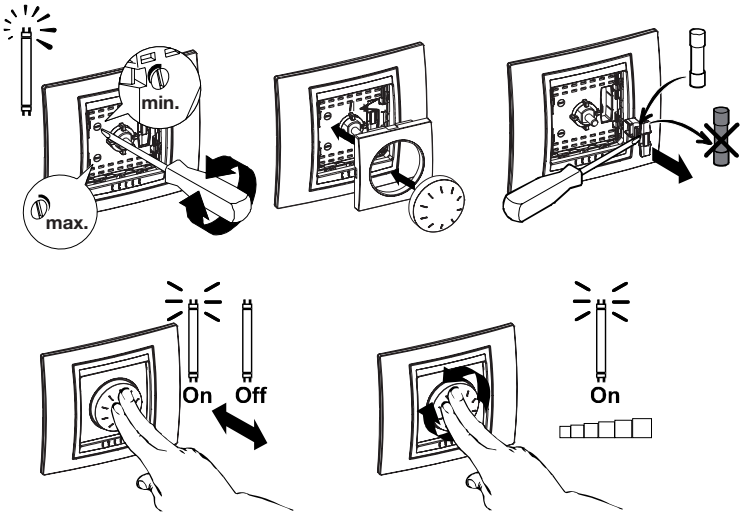


1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer
4 - Low voltage halogen lamps with electronic transformers
5 - Fluorescent lamps with conventional ballast
6 - Fluorescent lamps with dimmable electronic ballast (1- 10 V)
7 - Compact fluorescent lamps
8 - LED lamps
9 - Motors (single phase)

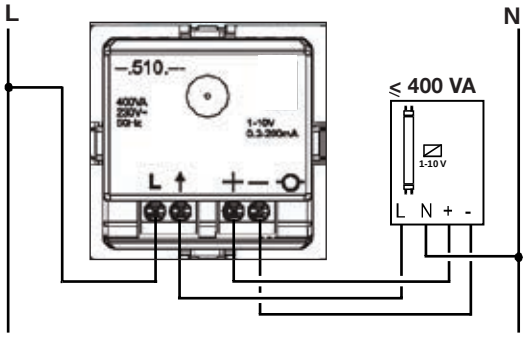
Standards

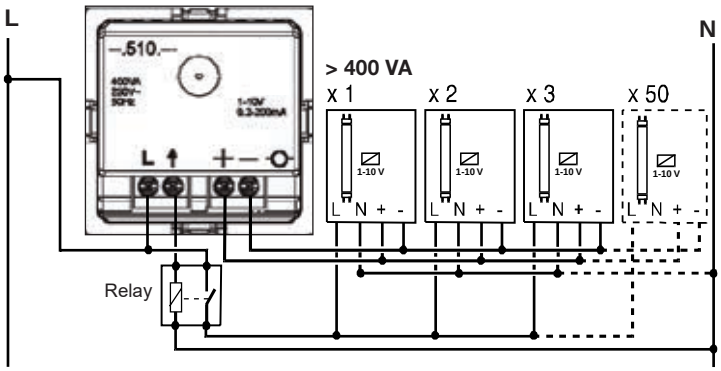
In accordance with EN 60669-2-1.

Use



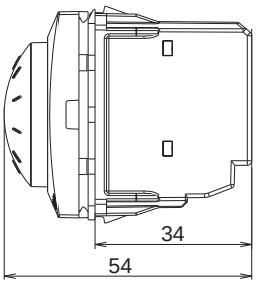
Connections





Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Dimensions (mm)



Rotary electronic dimmer switches

MGU3.511.XX - 40-400 W/VA

Area of application

- Regulation of different loads (see load table) for homes and buildings.
- Suitable for renovation as it allows replacement of a switch or a two-way switch by a regulator without having to change cables.
- As the regulator reduces the current supplying the load, it allows considerable energy savings.

Technical data

- Rated voltage: 230 V AC ± 10 % 50 Hz.
- Possibility of connection with a two-way switch.
- Fuse: 4 Ah-230 V AC, 5 x 20 mm.
- Output power derating with 2 or 3 devices combining:

Configuration and number of combining devices			
Output power derating			
25 %	25 %	40 %	50 %

Load table

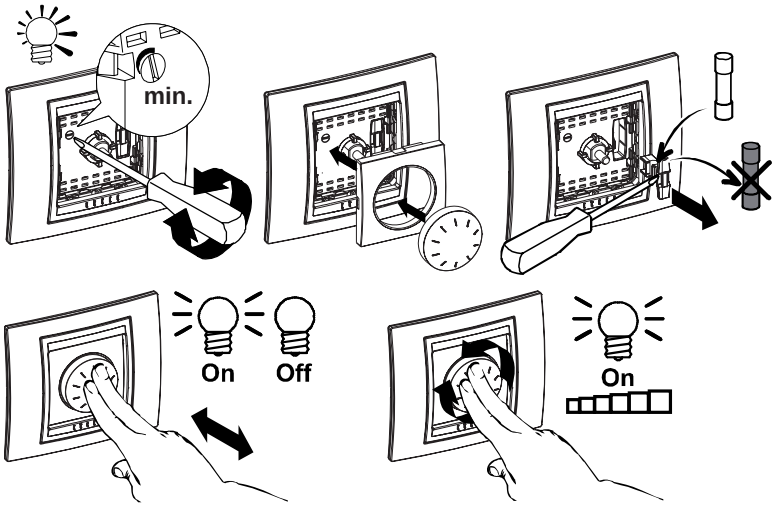
	1	2	3	4	5	6	7
25 °C 230 V 50 Hz				1-10 V			
Max. W/VA	400	400	NO	NO	NO	NO	NO
Min. W/VA	40	40					

1 - Incandescent or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer
3 - Low voltage halogen lamps with electronic transformers
4 - Fluorescent lamps with conventional ballast or with dimmable electronic ballast (1- 10 V)
5 - Compact fluorescent lamps
6 - LED lamps
7 - Motors (single phase)

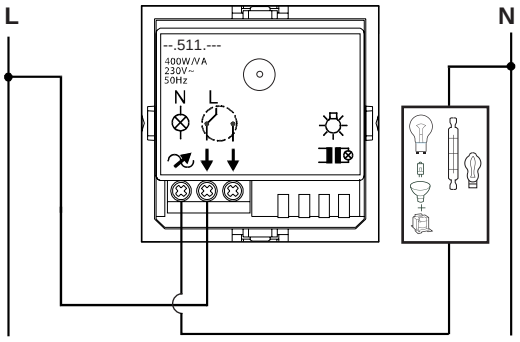
Standards

In accordance with EN 60669-2-1.

Use

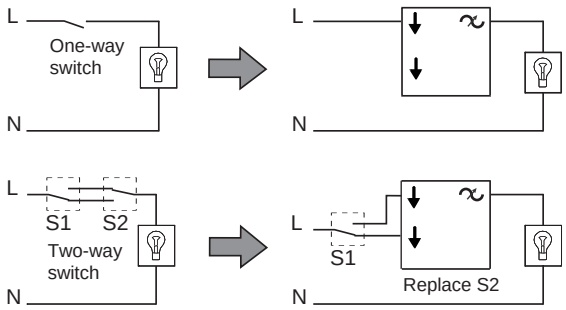


Connections

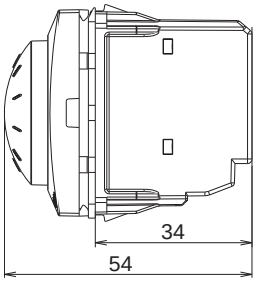


Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Substitution examples



Dimensions (mm)



Rotary electronic dimmer switches

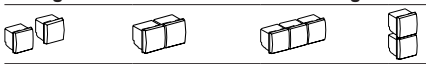
MGU5.512.XXZD - 40-1000 W/VA

Area of application

- Regulation of different loads (see load table) for homes and buildings.
- Suitable for renovation as it allows replacement of a switch or a selector switch by a regulator without having to change cables.
- As the regulator reduces the current supplying the load, it allows considerable energy savings.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Output power derating with 2 or 3 devices combining:

Configuration and number of combining devices			
			
Output power derating			
25 %	25 %	40 %	50 %

Load table

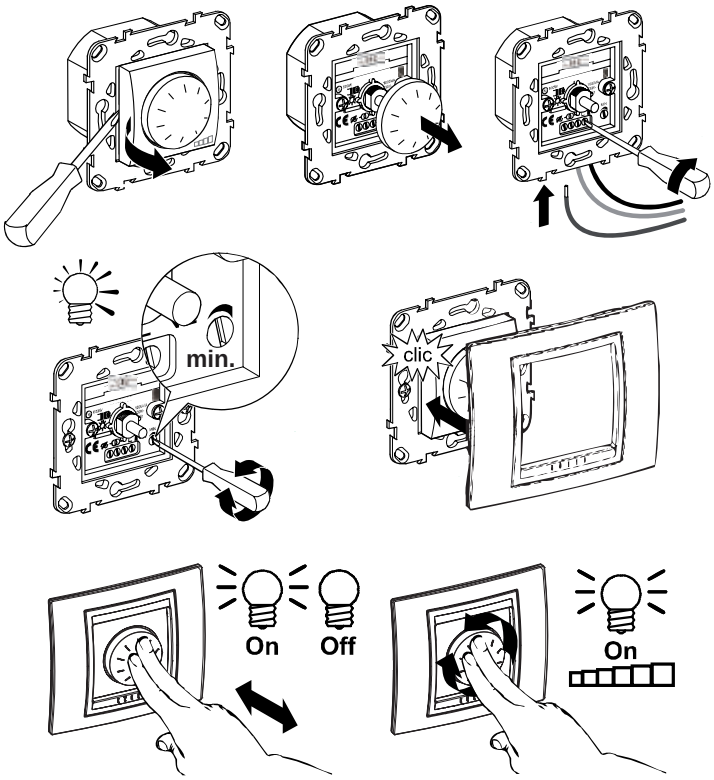
	1	2	3	4	5	6	7
25 °C 230 V 50 Hz				1-10 V			
Max. Min. W/VA	1000 40	1000 40	NO	NO	NO	NO	600 60

1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer
3 - Low voltage halogen lamps with electronic transformers
4 - Fluorescent lamps with conventional ballast or with dimmable electronic ballast (1- 10 V)
5 - Compact fluorescent lamps
6 - LED lamps
7 - Motors (single phase)

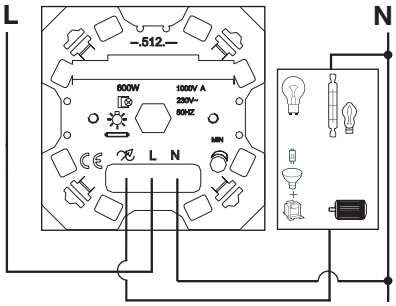
Standards

In accordance with EN 60669-2-1.

Use

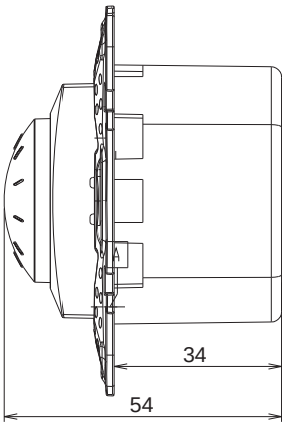


Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Dimensions (mm)



Rotary electronic dimmer switches

MGU3.559.XX - 40-400 W - dual voltage

Area of application

- Regulation of different loads (see load table) for homes and buildings
- Suitable for renovation as it allows replacement of a switch by a regulator without having to change cables.
- As the regulator reduces the current supplying the load, it allows considerable energy savings.

Technical data

- Rated voltage: 127/ 230 V AC, 50/60 Hz.
- Connectable as switch.
- Fuse: 4 Ah- 230 V AC, 5 x 20 mm.

2 devices in the same housing is not allowed

Load table

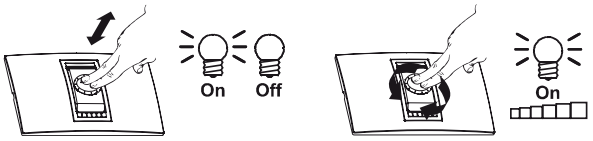
25 °C 50/60 Hz	1	2	3 (1-10 V)	4	5	6
127 V AC						
Max.	250	NO	NO	NO	NO	NO
Min.	40					
W/VA						
230 V AC						
Max.	400	NO	NO	NO	NO	NO
Min.	60					
W/VA						

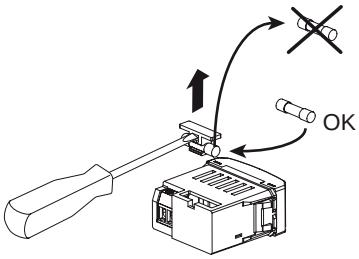
1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer or with electronic transformers
3 - Fluorescent lamps with conventional ballast or with dimmable electronic ballast (1- 10 V)
4 - Compact fluorescent lamps
5 - LED lamps
6 - Motors (single phase)

Standards

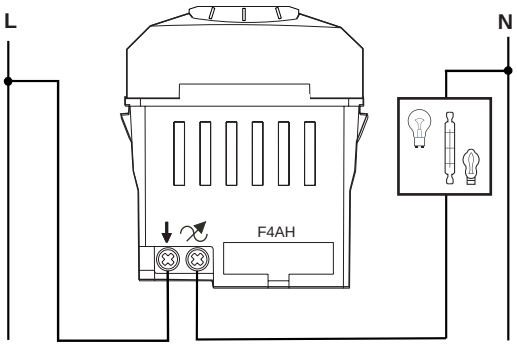
In accordance with IEC 60669-2-1, 2002-Ed.4, IEC 60669-1, 1998-Ed.3 + A1, 1999.

Use



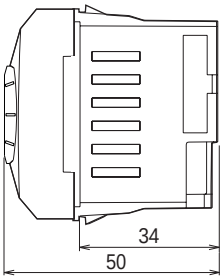


Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm².

Dimensions (mm)



Push-button dimmer switches

MGU3.515.XX - 20-350 W/VA

Area of application

- Regulation of different loads (see load table) for homes and buildings.
- Suitable for renovation as it allows replacement of a switch or a selector switch by a regulator without having to change cables.
- As the regulator reduces the current supplying the load, it allows considerable energy savings.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Conventional push-buttons with or without indicator lamp can be used for on/off control and regulation of the load:
  - maximum number of push-buttons without indicator lamp: 25
  - maximum number of push-buttons with indicator lamp: 5 (1.5 A).
- Output power derating with 2 or 3 devices combining:

Configuration and number of combining devices			
Output power derating			
25 %	25 %	40 %	50 %

Load table

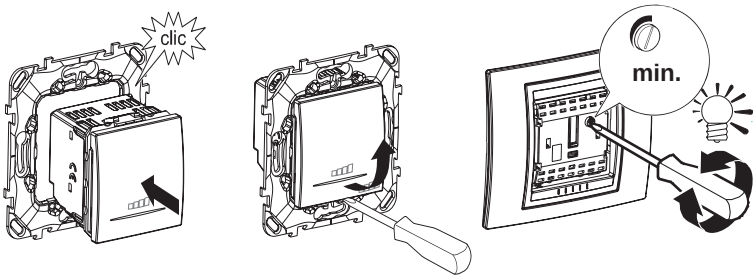
25 °C 230 V 50 Hz	1	2	3	4	5	6	7	8	9
Max. W/VA	250	350	350	300	NO	NO	NO	200	350
Min. W/VA	20	20	20	20				20	20

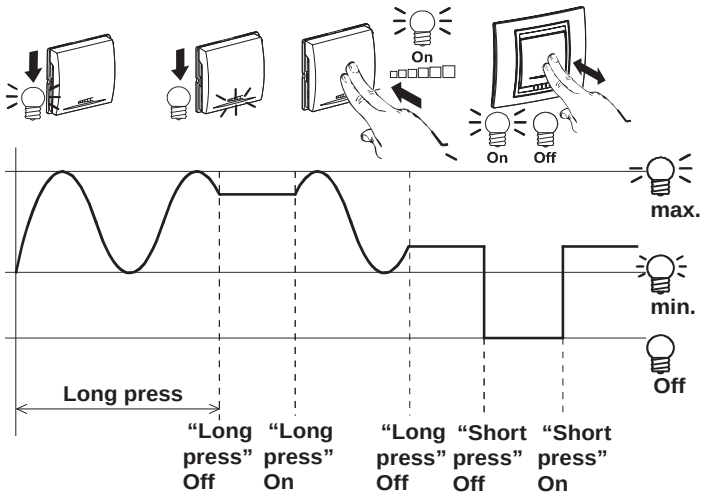
1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer or electronic transformer
4 - Low voltage halogen lamps with toroïdal transformers
5 - Fluorescent lamps with conventional ballast or dimmable electronic ballast (1- 10 V)
6 - Compact fluorescent lamps
7 - LED lamps
8 - Ventilators
9 - Heaters

Standards

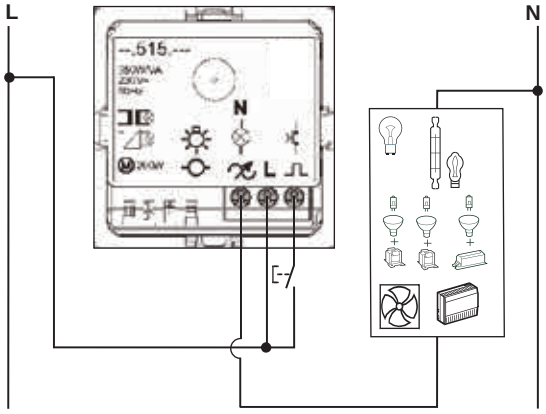
In accordance with EN 60669-2-1.

Use



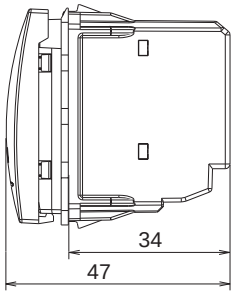


Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Dimensions (mm)



Movement and presence detectors
MGU3.524.XX- 300 W

Area of application

- The movement detection control switch switches on the loads, it controls when someone passes through the area of action of the sensor.
- It is suitable for different loads (see load table).
- It can be installed indoors in flush-mounted installations and in surface-mounted boxes.
- The control switch allows considerable energy savings since the load is supplied only when people are present.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Movement detection area:
  - 10 x 20 m (PIR mouting height: 2.15 m)
  - 9 x 18 m (PIR mouting height: 1.2 m).
- Presence detection area:
  - 6 x 12 m (PIR mouting height: 2.15 m).
  - 5 x 10 m (PIR mouting height: 1.2 m).
- Detection angle: full 180°, partial 90° left or right.
- Selection modes:
  - Manual; the load is controlled by a push-button,
  - Automatic; the load is controlled by the detection of movement and a pre-defined luminosity threshold.
- Two detectors can be used in parallel, allowing a larger detection area coverage.
- Time delay: ajustable 2 s to 20 min.
- Luminosity threshold: ajustable 5 to 1000 lux.

Load table

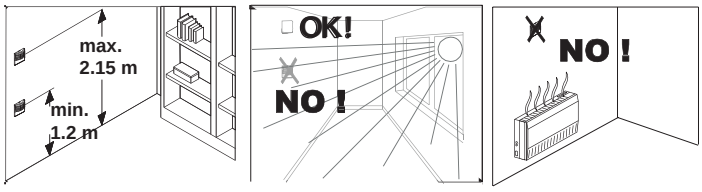
25 °C 230 V 50 Hz	1	2	3	4	5	6	7
Max. W/VA	300	NO	NO	NO	NO	NO	NO
Min. W/VA	40		1-10 V				

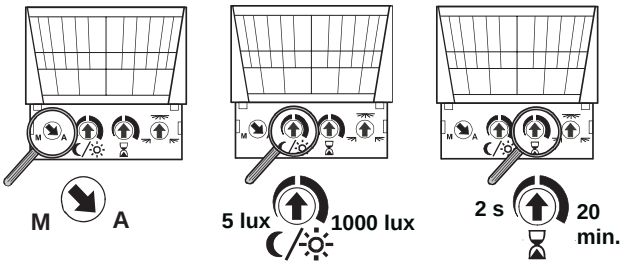
1 - Incandescent lamps, halogen lamps or heaters (Pf > 0.9)
2 - Low voltage halogen lamps with ferromagnetic or toroïdal transformer or with electronic transformer
3 - Fluorescent lamps with conventional ballast or dimmable electronic ballast (1- 10 V)
4 - Compact fluorescent lamps
5 - LED lamps
6 - Ventilators
7 - Contactors

Standards

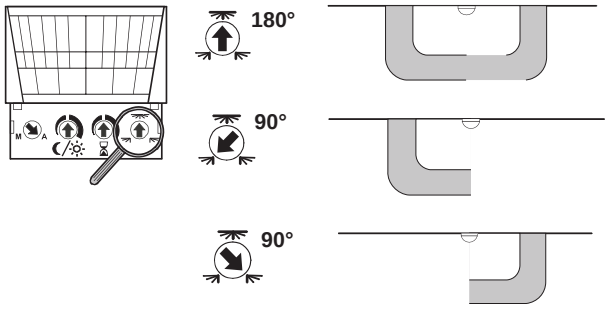
In accordance with EN 60669-2-1.

Use

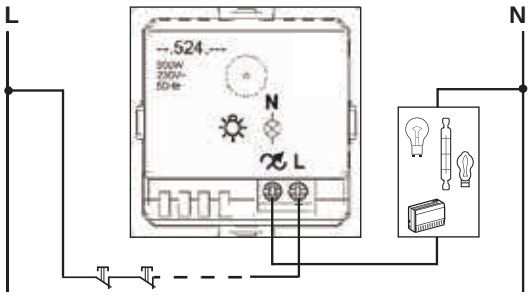




M: manual: the load is controlled by a push-button
A: automatic: the load is controlled by the detection of movement and a pre-defined luminosity threshold.

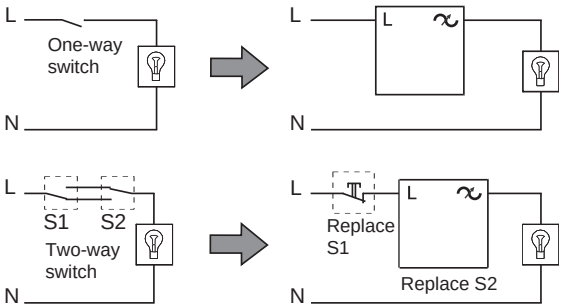


Connections



- Connection terminals: screw connection for cables up to 2 x 2.5 mm²
- Use of a maximum of 5 normally closed push-buttons, for manual override.

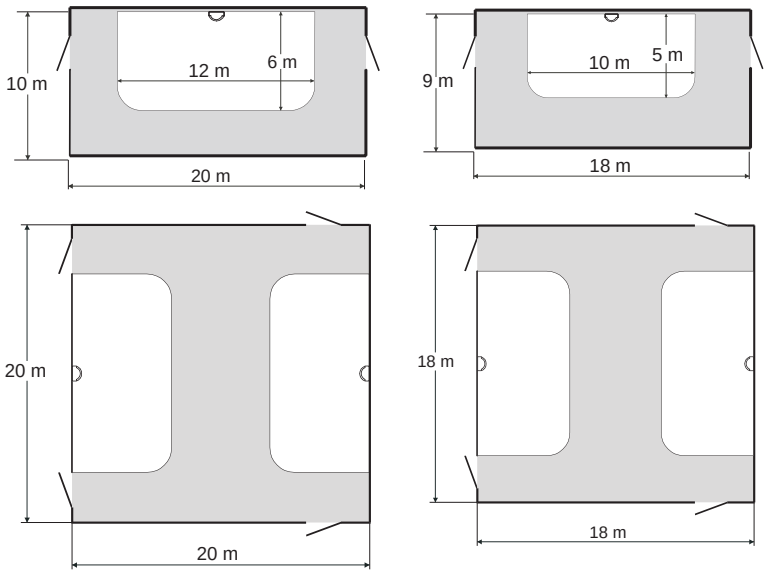
Substitution examples



Movement and presence detectors

MGU3.524.XX - 300 W (cont'd)

Detection areas



Maximum mouting height: 2.15 m

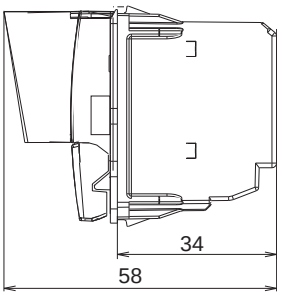
Maximum mouting height: 1.2 m

Presence detection area

Movement detection area

Number of PIR in parallel	2	3	4	5
Max. load	300 W	300 W	300 W	300 W
Min. load	50 W	80 W	100 W	140 W

Dimensions (mm)



Movement and presence detectors
MGU3.525.XX- 2300 W

Area of application

- The movement detection control switches on the loads, it controls when someone passes through the area of action of the sensor.
- It is suitable for different loads (see load table).
- It can be installed indoors in flush-mounted installations and in surface-mounted boxes.
- The control switch allows considerable energy savings since the load is supplied only when people are present.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Movement detection area:
  - 10 x 20 m (PIR mouting height: 2.15 m)
  - 9 x 18 m (PIR mouting height: 1.2 m).
- Presence detection area:
  - 6 x 12 m (PIR mouting height: 2.15 m).
  - 5 x 10 m (PIR mouting height: 1.2 m).
- Detection angle: full 180°, partial 90° left or right.
- Selection modes:
  - Manual; the load is controlled by a push-button,
  - Automatic; the load is controlled by the detection of movement and a pre-defined luminosity threshold.
  - Slave; slaves detectors are used in conjonction with a master detector, allowing a larger detection area coverage.
- Time delay: ajustable 2 s to 20 min.
- Luminosity threshold: ajustable 5 to 1000 lux.

Load table

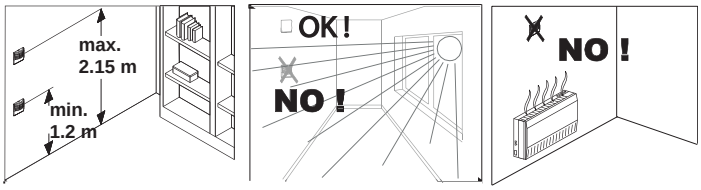
25 °C 230 V 50 Hz	1	2	3	4	5	6	7	8	9	10
Max. W/VA	2300	2000	1050	1150	2000	500	500	200	2300	200

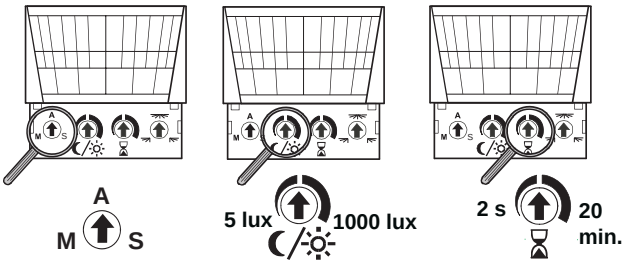
1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer
4 - Fluorescent lamps with conventional ballast, Pf > 0.9
5 - Low voltage halogen lamps with electronic transformers
6 - Compact fluorescent lamps
7 - LED lamps
8 - Ventilators
9 - Heaters
10 - Contactors

Standards

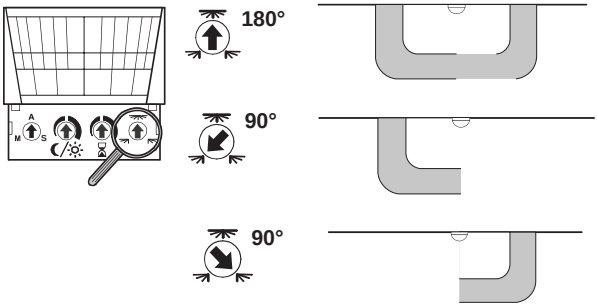
In accordance with EN 60669-2-1.

Use

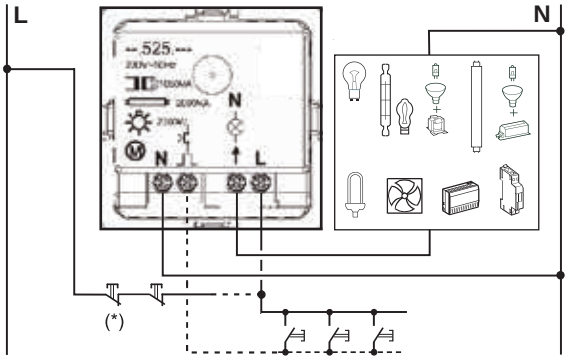




M: manual; the load is controlled by a push-button
A: automatic; the load is controlled by the detection of movement and a pre-defined luminosity threshold.
S: slave; slaves detectors are used in conjonction with a master detector, allowing a larger detection area coverage.

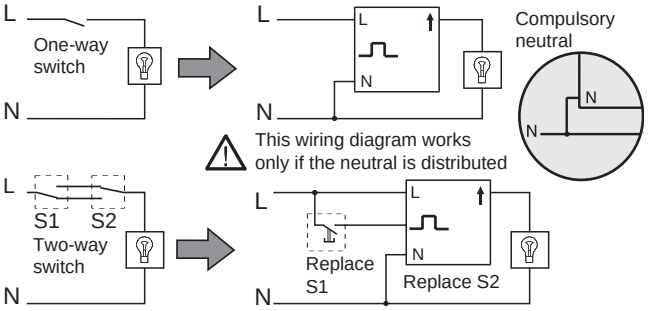


Connections



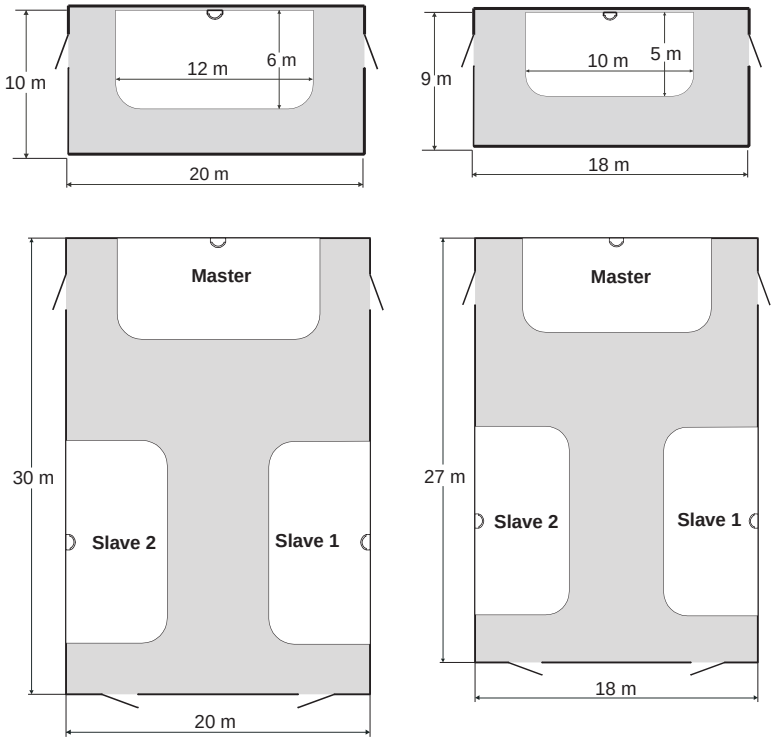
Connection terminals: screw connection for cables up to 2 x 2.5 mm²
(*) Use of a maximum of 5 normally closed push-buttons, for manual override.

Substitution examples



Movement and presence detectors
MGU3.525.XX - 2300 W (cont'd)

Detection areas



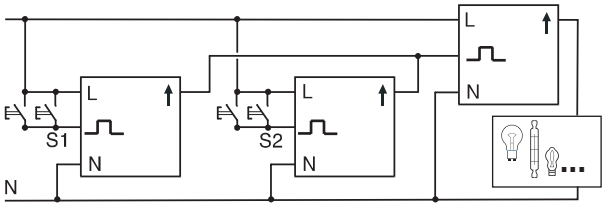
Maximum mouting height: 2.15 m

Maximum mouting height: 1.2 m

Slaves allow coverage of a larger area

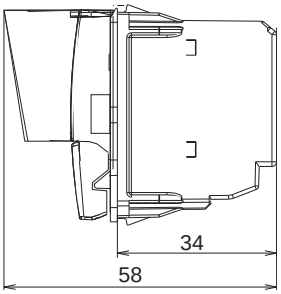
Presence detection area

Movement detection area



- Max 5 slaves to 1 master
- Max 5 push-buttons to 1 slave
- Use normally open push-button
- Push-buttons are optional with master PIR in automatic mode
- Slave PIR time delay should be less tan Master PIR time delay

Dimensions (mm)



Thermostats

MGU3.501.XX- 8 A basic thermostat

Area of application

- Residential sector:
  - homes with local heating
  - homes with central heating
  - homes with local air-conditioning.
- Tertiary sector:
  - environments with fan air-conditioning
  - environments with central heating and zone valves.
- Can be used on a boiler or circulating pump circuit (heating) or on the air-conditioning power circuit. .

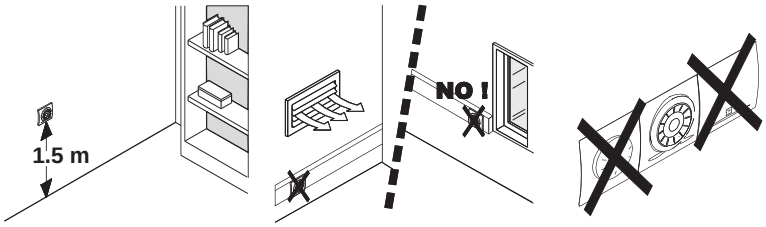
Technical data

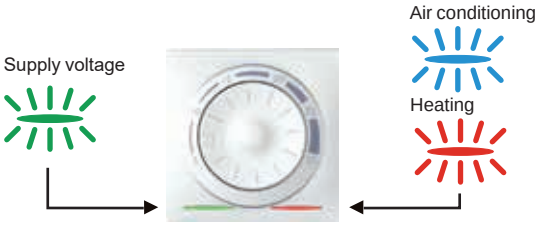
- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Settings range: + 5 °C to + 30 °C.
- Accuracy: 0.5°C.
- The comfort temperature is set via a graduated dial on the front panel.
- Load types:
  - 8 A (resistive)
  - 2 A, Pf (cosφ) = 0.6 (inductive).
- Free potential relay contact.
- Protection against thermal overloads: the mechanism is protected against a connected load that is greater than the permissible load.
- A green LED indicates that a voltage is present.
- Red/blue dual-coloured LED: heating or cooling indication
  - red indicates that the relay is enabled and that the comfort temperature is higher than the ambient room temperature (heating application)
  - blue indicates that the relay is not enabled and that the comfort temperature is lower than the ambient room temperature (air-conditioning application).

Standards

In accordance with:
- EN 607320-2-9.
- LV and EMC directives.

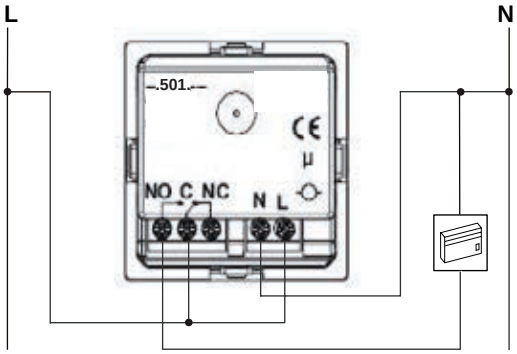
Use



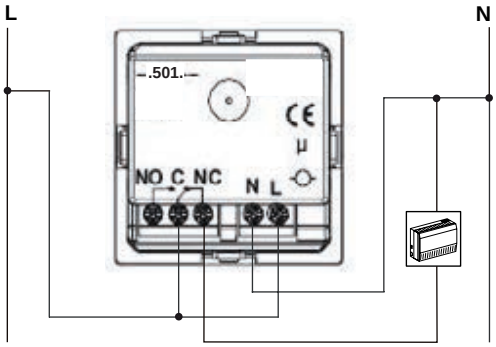


Connections

Heating

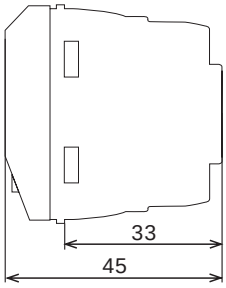


Air-conditioning



- Terminal identification: L (phase), N (neutral), C (common), NO (normally open contact) and NC (normally closed contact).
- Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Dimensions (mm)



Thermostats

MGU3.503.XX - MGU5.503.XX ZD - 10 A floor thermostat

Area of application

Floor heating for homes.

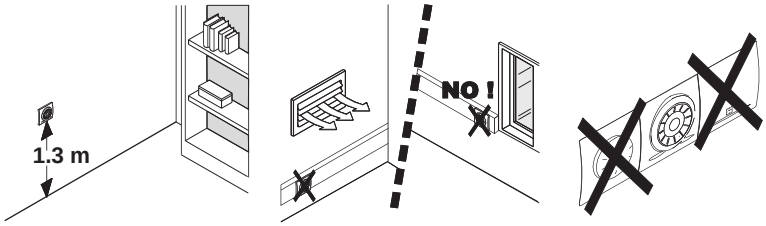
Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Settings range: + 5 °C to + 45 °C.
- Accuracy: 0.5 °C.
- The comfort temperature is set via a graduated dial on the front panel.
- Load types: 10 A, resistive load, cosφ = 1 (2300W).
- Indication:
  - green LED indicates that a voltage is present.
  - red LED indicates that the relay is enabled and that the comfort temperature is higher than the ambient room temperature.
- A floor temperature sensor is delivered with each floor thermostat:
  - impedance: 10 kΩ at 25°C, NTC sensor
  - lenght: 4 m.

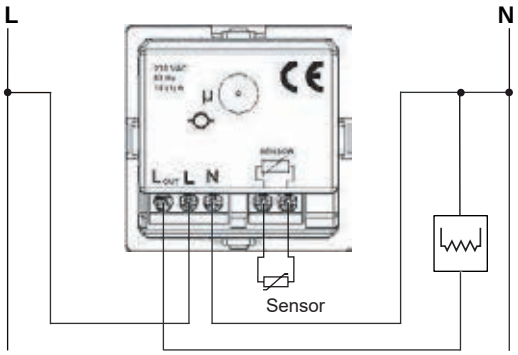
Standards

In accordance with:
- EN 607320-2-9.
- LV and EMC directives.

Use

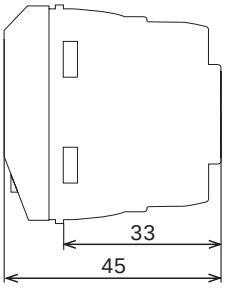


Connections



Connection terminals:
- L and N: screw connection for cables up to 2 x 2.5 mm²
- sensor: screw connection for cables up to 2 x 1.5 mm².

Dimensions (mm)



Unica
Technical information

Weekly-programmable thermostats

MGU3.505.XX - 8 A resistive/5 A inductive

Area of application

● Residential sector:
○ homes with local heating
○ homes with central heating
○ homes with local air-conditioning.
● Tertiary sector:
○ environments with fan air-conditioning
○ environments with central heating and zone valves.
● Can be used on a boiler or circulating pump circuit (heating) or on the air-conditioning power circuit.

Technical data

● Rated voltage: 230 V AC ± 10 %, 50 Hz.
● Application 1: the heating is connected via terminals C (common) and NO (normally open).
● Application 2: the air-conditioning is connected via terminals C (common) and NC (normally closed).
● Standard programming (user-modifiable).
● Maximum number of weekly program settings: 1.
● Maximum number of programmable changes: no limit.
● Heating (Heat) or air-conditioning (Cool) can be programmed in INSTALLER PARAMETERS.
● Memory with no 230 V AC power supply: 7 days.
● Relative operating humidity: 20 to 85%.
● Programmable temperatures: Tmax, Tmin, frost protection and differential.
● Ambient room temperature display: 0 to 45°C (tenths).
● Selectable temperature set point: increments of 0.5°C.
● Operating temperature: 0 to 50°C.
● Settings range: 5 to 35°C.
● Storage temperature: -5 to 55°C.
● Relay contact interrupting capacity: 8 A resistive, 5 A inductive.
● Type of contact: free potential.
● Type of device to EN60730: type 1B.
● Software class: A.
● Device class: II.

Standards

In accordance with EN 60730-2-9.

Use

User data

● **AUTO:** The automatic thermostat function switches the heating or air-conditioning on or off according to pre-programmed times and temperatures.
● **MAN:** The manual thermostat function allows you to select the required temperature at any given time. It cancels the automatic function.
● **Tmin:** Tmin is the so-called economy temperature, namely the temperature at which the environment is maintained during the user's absence or for the purposes of minimum comfort. In theory, it is used during the day or at night-time.
The values for this temperature category are normally between 18 °C and 20 °C.
● **Tmax:** Tmax is the so-called comfort temperature.
It is the temperature chosen to give a sensation of maximum comfort. The comfort temperature values are normally between 21 °C and 22 °C.
● **SUITCASE:** The thermostat shutdown function is used for holiday periods or periods of absence during which only the frost-protection function is enabled. The day this function is to come into effect can be set in AUTO mode.
● **CAL:** Temperature sensor calibration : the temperature measured by the thermostat is adjusted to match the actual temperature in the event of the equipment being affected by nearby heat sources or draughts. The temperature can be increased or lowered permanently by up to 5 °C.
● **DIF:** Differential : the differential is the variation in temperature required to switch the thermostat on or off. The values for this parameter are normally 0.3 °C. In other words, if a differential of 0.5 °C is programmed and the comfort temperature is 22 °C, the thermostat switches on at 21.5 °C and off at 22 °C.
● **Frost-protection:** This is the frost-protection temperature, namely the temperature at which the heating switches on, even if the thermostat is switched off or in SUITCASE mode.
This temperature is usually 6 °C. Thus, when the thermostat measures a temperature of 6 °C, it switches on the heating to prevent the pipes or other units in the house from freezing.

Keys

Menu/ On -Off
This key is used to select the various programming states in turn. Press OK to access the various states. Press this key for five seconds (only from AUTO or MANUAL mode) to switch off the weekly thermostat. Press again to restart the thermostat.

Increase values/ SELECT
The programming (PRG) mode is used to select Tmax, Tmin and frost-protection (❄) in turn.

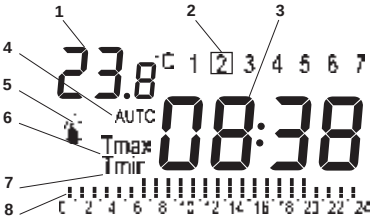
Decrease values/ COPY
The programming mode (PRG) is used to copy the current day's schedule to the following day.
When COPY flashes, press OK to confirm.

Confirm values and actions/ Holiday mode
Press this key for five seconds (only from AUTO or MANUAL mode) to switch to SUITCASE mode (time-delayed disconnect for holiday purposes).

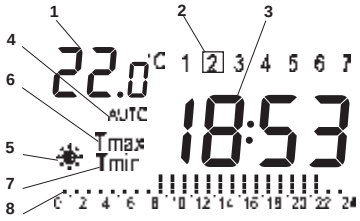
Simultaneously press the MENU and OK keys for 10 s (only from AUTO mode) to restore the original parameters. Press the «▲» and «▼» keys for 5 s (only from AUTO mode) to access INSTALLER PARAMETERS.

Press the «▲» and «▼» keys for 5 s (only from AUTO mode) to access INSTALLER PARAMETERS.

Automatic heating programming



Air-conditioning programming

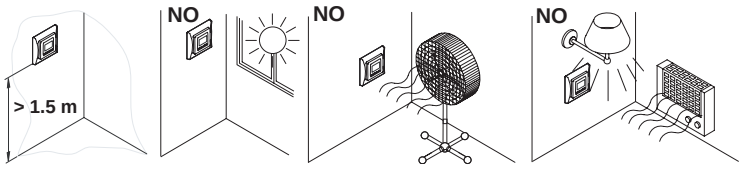


1 - Ambient room temperature in °C
2 - Day indicator
3 - Time indicator
4 - AUTO indicator: automatic function
5 - Heating or air-conditioning indicator: On (🔥) or On (❄)
6 - Tmax indicator: comfort temperature indicator
7 - Tmin indicator: economy temperature indicator
8 - Temperature/ time (0-24) indicator bar:
Tmax
Tmin
Frost protection (❄)

Weekly-programmable thermostats

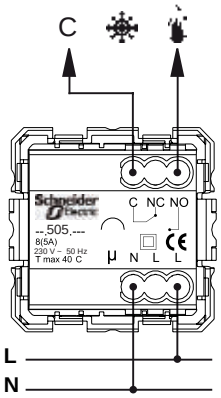
MGU3.505.XX- 8 A resistive/ 5 A inductive (cont'd)

Installation

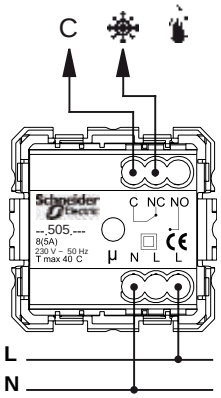


Connections

Heating

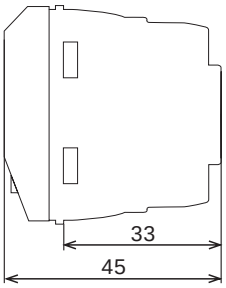


Air-conditioning



- Terminal identification : L (phase), N (neutral), C (common), NO (normally open) and NC (normally closed).
- The heating is connected via terminals C and NO.
The air-conditioning is connected via terminals C and NC.
- Connection terminals: screw connection for cables up to 2 x 1.5 mm2.

Dimensions



Unica
Technical information

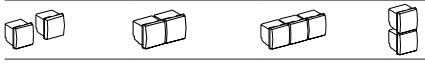
Time delay switches
MGU3.535.XX

Area of application

- Installation in toilets, corridors, staircases, etc.
- Pulse-type switch on of the load and automatic disconnection when the programmed time limit has expired.
- Incorporated blue locator lamp.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Technology: relay.
- Maximum load: 8 A.
- Connection time setting by potentiometer.
- Setting time: from 2 s to 12 min.
- Conventional push-buttons with or without indicator lamp can be used for on/off control of the load:
  - maximum number of push-buttons without indicator lamp: 25,
  - maximum number of push-buttons with indicator lamp: 5.
- Output power derating with 2 or 3 devices combining:

Configuration and number of combining devices			
			
Output power derating			
25 %	25 %	40 %	50 %

Load table

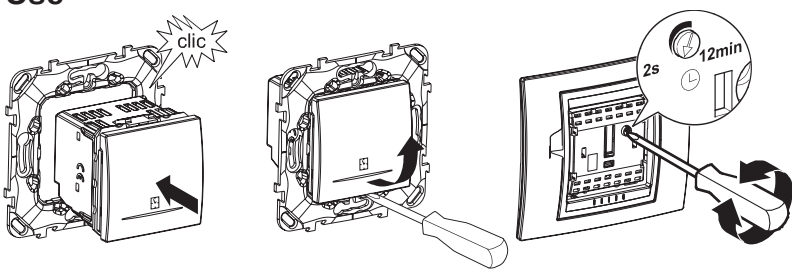
25 °C 230 V 50 Hz	1	2	3	4	5	6	7	8
Max.	1800 W	1300 W	1000 VA	1800 W	8 A 35 µF	60 W	3 A	1800 W

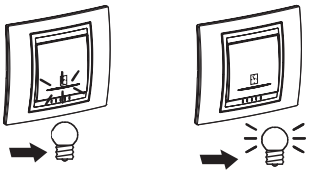
1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer
4 - Low voltage halogen lamps with electronic transformers
5 - Fluorescent lamps with conventional ballast
6 - Compact fluorescent lamps
7 - Ventilators
8 - Heaters

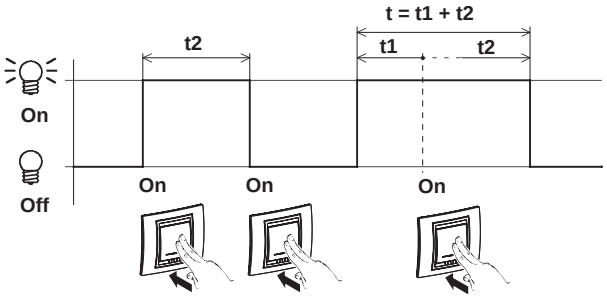
Standards

In accordance with EN 60669-2-1.

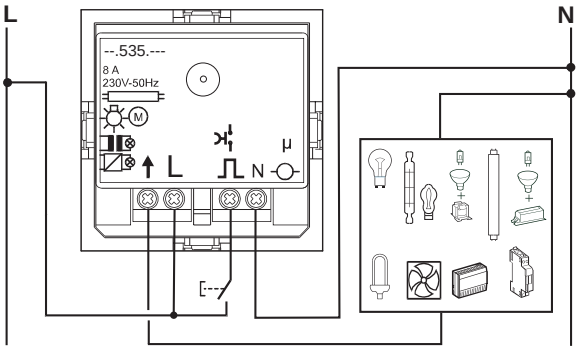
Use





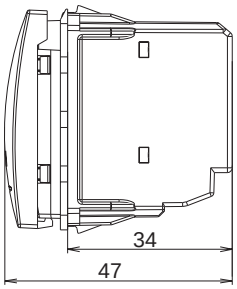


Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm²

Dimensions



Time delay switches
MGU3.535.XX

Area of application

The programmable time switch is used to control the loads according to a set schedule. It is programmed in intervals. An interval can represent switching on or off, depending on the time and day programmed. The intervals are displayed on the screen.

Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Maximum number of intervals: 28 (56 On/Off actions).
- Memory with no 230 V AC power supply: 7 days.
- Relative operating humidity displayed: 20 % to 85 %.
- Ambient room temperature display: 0 to 50 °C (tenths).
- Minimum interval duration: 1 min.
- Operating temperature: 0 to 50 °C.
- Storage temperature: -5 to 55°C.
- Type of contact: free potential.
- Type of device to EN60669-2-1: 1B.
- Software class: A.
- Device class: II.

Load table

	1	2	3	4	5	6	7	8	9
25 °C 230 V 50 Hz Max. W/VA	1200	1000	NO	NO	NO	NO	NO	NO	XX

1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer
3 - Low voltage halogen lamps with electronic transformers
4 - Fluorescent lamps with conventional ballast
5 - Compact fluorescent lamps
6 - LED lamps
7 - Ventilators
8 - Heaters
9 - Contactors
A contactor should be used for loads higher or different from those mentioned.

Standards

In accordance with EN 60669-2-1.

Use

User data

- **AUTO**: The automatic programmable time switch function connects or disconnects the load according to the programmed interval times.
- **MAN**: The manual programmable time switch function allows you to connect the load at a time that is not programmed.
- **INTERVAL**: Period of time between connection and disconnection, depending on the time and day programmed.
- **SUITCASE**: This function prevents the time switch from being set during holiday periods or periods of absence. The day this function is to come into effect can be set in AUTO mode.

Keys

MENU

Menu/ On-Off
This key is used to select the different programming states in turn. Press OK to access the various states.
Press this key for 5 s in AUTO mode to switch to MANUAL mode. The MANUAL mode is used to connect or disconnect the load.

SELECT

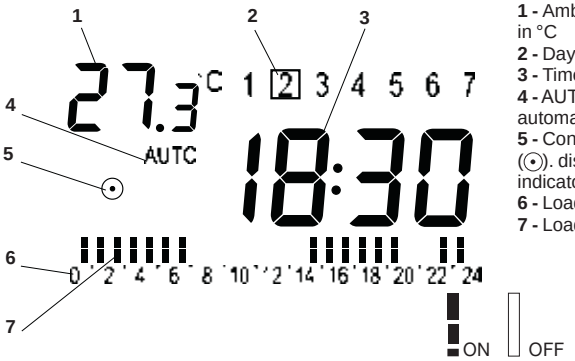
Increase values/ SELECT
During programming, this function is used to choose sequentially between On and Off. When MEM (memory) is displayed, it is possible to choose between Mod (modify memory) and Del (partial programming deletion).

Decrease values/ COPY
During programming, this button allows copying the program of the current day to the next day. It allows selecting between the MEM and COPY menus.

COPY OK

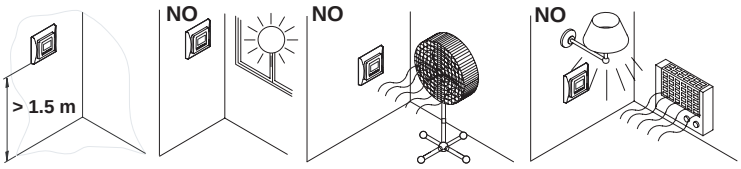
Confirm values and actions/ Holiday mode
Press this key for 5 s (only from AUTO mode) to switch to SUITCASE mode (time-delayed disconnect for holiday purposes).

Automatic mode screen

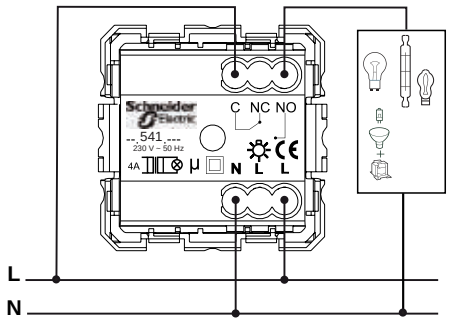


1 - Ambient room, temperature in °C
2 - Day indicator
3 - Time indicator
4 - AUTO indicator, automatic function
5 - Connected load indicator (⊙). disconnected load indicator, (no indication)
6 - Load/time indicator
7 - Load activation indicator

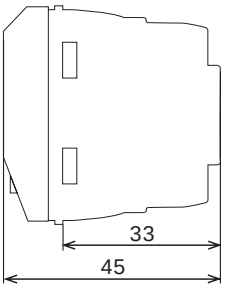
Installation



Connections



Dimensions (mm)



Connection terminals: screw connection for cables up to 2 x 1.5 mm².

Unica
Technical information

Time delay switches
MGU3.535.XX

Area of application

● The weather station screen displays the time, temperature, humidity, atmospheric pressure, moon phase and the minimum and maximum temperatures for the last two weeks. It also has a function that forecasts the weather according to changes in atmospheric pressure. The weather forecasting function is 75 % reliable.
● The user can set the following parameters: either the screen changes sequentially every 15 s, or it remains unchanged.
● The user can switch off the weather station during a holiday period or period of absence.

Technical data

● Rated voltage: 230 V AC ± 10 %, 50 Hz.
● Memory with no 230 V AC power supply: 7 days.
● Relative operating humidity displayed as a %: 20 to 90 %.
● Atmospheric pressure: 700- 1075 hPa/mb.
● Ambient room temperature display: 0 to 50 °C (tenths).
● Stabilisation time after connection to the mains: 6 h.
● Operating temperature: 0 to 50 °C.
● Storage temperature: -5 to 55 °C.
● Type of device to EN60669-2-1: type 1B.
● Software class: A.
● Device class: II.

Standards

In accordance with EN 60669-2-1.

Use

Keys

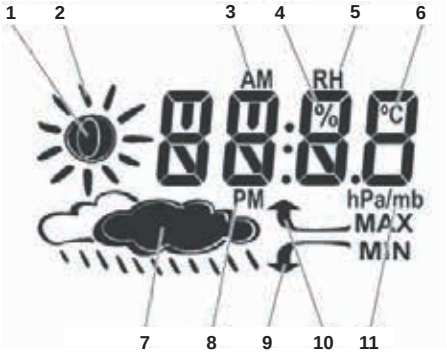
Weather station menu/ On-Off
This menu is used to select the screen display mode which may be sequential or fixed. Press this button for more than 15 s to shut down the weather workstation.

Increase values/ SELECT
This option is used to increase the displayed value during programming. Press the button for more than 5 s to open the Installer parameters menu.

Decrease values

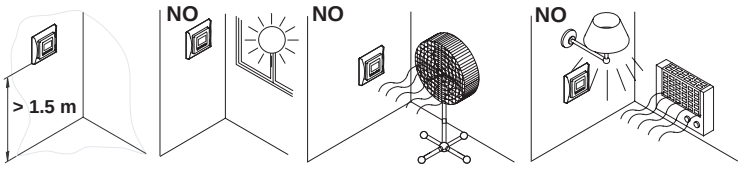
Confirm values and actions

Automatic mode screen

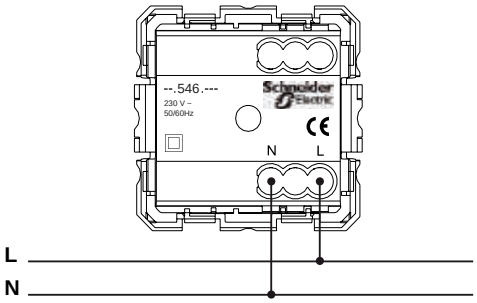


1 - Sunny weather forecast
2 - Sunlight status information
3, 8 - Twelve-hour time indicators
4, 5 - Relative humidity expressed as a %
6 - Indoor temperature in °C
7 - Atmospheric conditions forecast
9, 10 - Atmospheric pressure trend
11 - Atmospheric pressure in hPa/mb (hecto pascal or millibar)

Installation

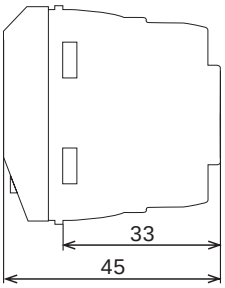


Connections



Connection terminals: screw connection for cables up to 2 x 1.5 mm².

Dimensions (mm)



Wake up clocks
MGU3.545.XX

Area of application

● The alarm clock screen displays the time, temperature and the alarms programmed during the day. The user can set 9 alarms for different times and different days.
● It is also possible to set the “Snooze” and alarm repeat functions for a specific number of minutes. The bell displayed on the screen (🔔) indicates that at least one alarm was set during the week.
● The “Date-Year” function is incorporated in the alarm clock. It allows the winter/summer changeover time to be set automatically.
● When the alarm is triggered, it can be stopped by pressing any key. If the “Snooze” function is set, the OK key stops the alarm permanently. Press one of the other buttons (“Menu”, “▲” and “▼”) to activate the alarm repeat function, which starts after the number of minutes set with the “Snooze” function have expired.

Technical data

● Rated voltage: 230 V AC ± 10 %, 50 Hz.
● Number of programmable alarms: 9.
● Memory with no 230 V AC power supply: 7 days.
● Relative operating humidity displayed as a %: 20 to 85 %.
● Ambient room temperature display: 0 to 50 °C (tenths).
● Operating temperature: 0 to 50 °C.
● Storage temperature: -5 to 55 °C.
● Type of device to EN60669-2-1: 1B.
● Software class: A.
● Device class: II.

Standards

In accordance with EN 60669-2-1.

Use

Keys

MENU

Alarm clock menu / On-Off
This button is used to select the various possible states in turn. Press OK to access the various states. Press this button for more than 15 s to switch the alarm clock off.

Increase values / SELECT
This option is used to choose sequentially between switching the alarm on and off during programming.

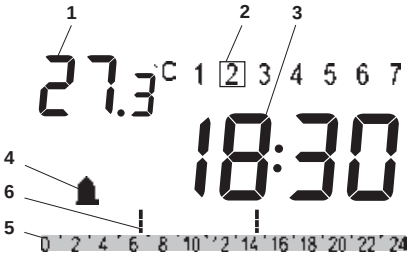
SELECT

Decrease values

OK

Confirm values and actions

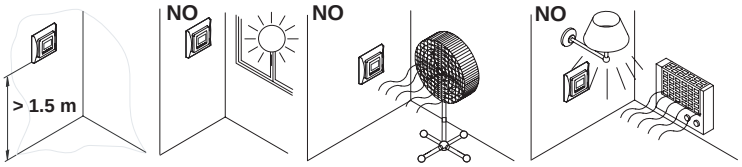
Automatic mode screen



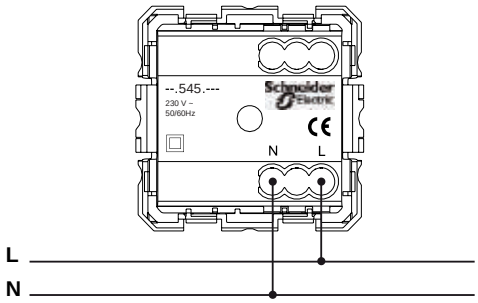
1 - Ambient room temperature in °C
2 - Day indicator
3 - Time indicator
4 - Alarm set indicator (🔔)
Snooze indicator activated (≥🔔≤)
5 - Time indicator (0- 24)
6 - Alarm indicator in bar

On OFF

Installation

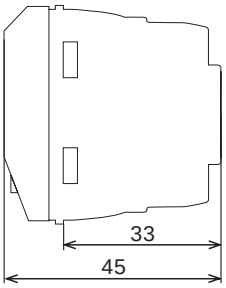


Connections



Connection terminals: screw connection for cables up to 2 x 1.5 mm².

Dimensions (mm)



Key card switches

MGU3.540.XX (8 A timed) - MGU3.283.XX (10 A)

Area of application

- Particularly recommended for hotel rooms.
- Controls lighting circuits, electrical appliances, electronic equipment, etc.

Technical data

MGU3.540.XX (8 A timed)

- Power supply: 230 V AC ± 10 %, 50 Hz.
- Rated current: 8 A.
- A flashing LED indicates that the time-delay is off.
- The disconnect time can be any time between 10 s and 3 min.
- Type of card: 54 x 86 x 0.85 mm (max.), vertical insertion.
- With an amber night-time indicator lamp.
- Fuse: electronic.
- Protection: against overvoltages and thermal protection.
- Relay contact: free potential.

Load table (MGU3.540.XX only)

25 °C 230 V 50 Hz	1	2	3	4	5	6	7	8	9	10
Max. W/VA	1470	1000	1470	1470	NO (1-10 V)	1470	1470	1470	1470	xx

1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer
3 - Low voltage halogen lamps with electronic transformers
4 - Fluorescent lamps with ferromagnetic ballast
5 - Fluorescent lamps with dimmable electronic ballast (1-10 V)
6 - Compact fluorescent lamps
7 - LED lamps
8 - Fan, motors (single-phase)
9 - Heaters (single-phase)
10 - Contactors

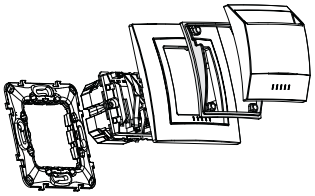
MGU3.283.XX (10 A)

- Power supply: 230 V AC ± 10 % 50 Hz.
- Rated current: 10 A.
- Type of card: 54 x 86 x 0.85 mm (max.), vertical insertion.
- With an amber night-time indicator lamp (ref. MGU.824).
- The supply is interrupted when the card is removed (45 to 54 mm wide).
- For fluorescent loads with a corrected power factor, the load should be controlled through an appropriate relay.

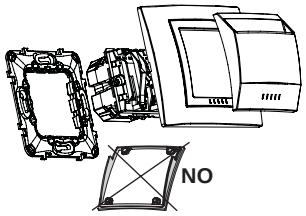
Standards

- MGU3.540.XX: in accordance with EN 60669-2-1.
- MGU3.283.XX: in accordance with EN 61058-1.

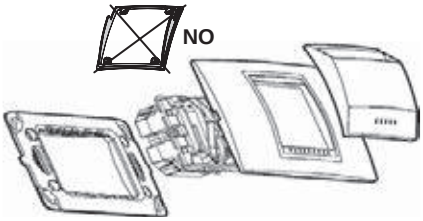
Installation (MGU3.540.XX)

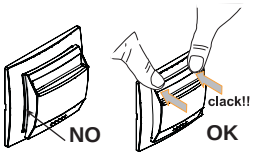


Unica Basic and Unica Colors



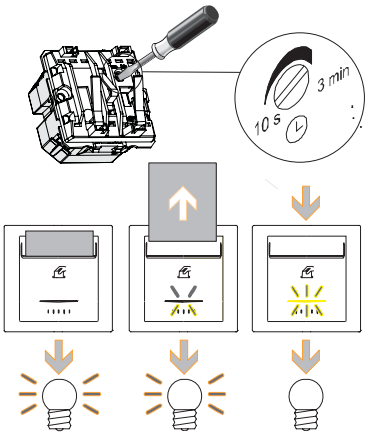
Unica Class, Unica Top and Unica Plus



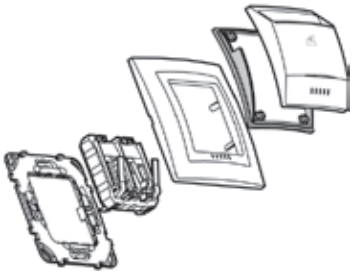


Unica Top, Unica Plus and Unica Allegro (Italian cover frames)

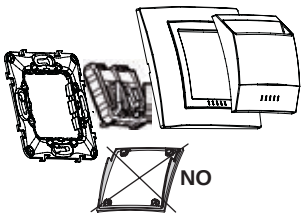
Use (MGU3.540.XX)



Installation (MGU3.283.XX)

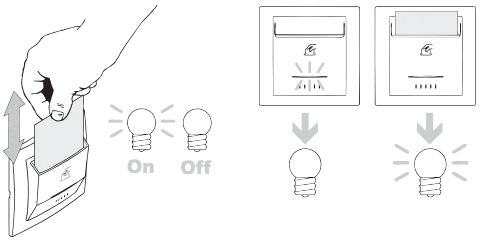


Unica Quadro, Unica Colors and Unica Basic



Unica Top, Unica Plus and Unica Allegro

Use (MGU3.283.XX)

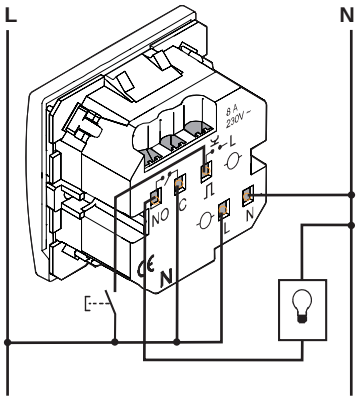


Key card switches

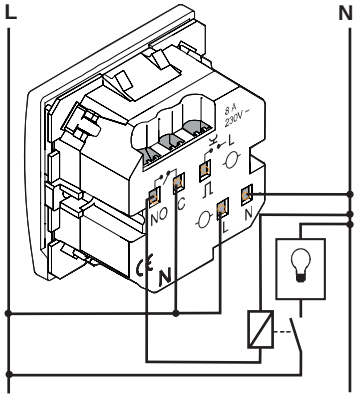
MGU3.540.XX (8 A timed) - MGU3.283.XX (10 A) (cont'd)

Connections (MGU3.540.XX)

< 8 A



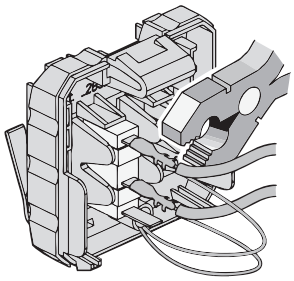
> 8 A



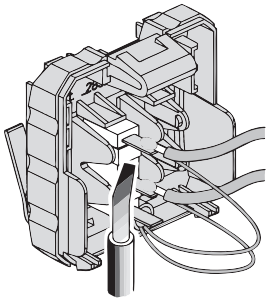
Connection terminals: screw connection for cables up to 2 x 2.5 mm².

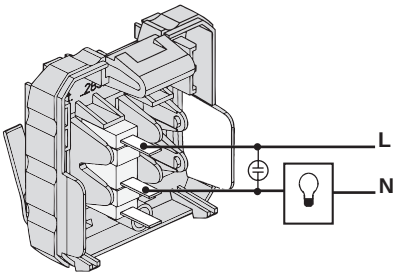
Connections (MGU3.283.XX)

6 A max. (Faston)



10 A (soldering)

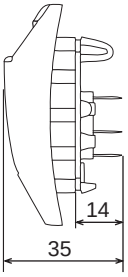




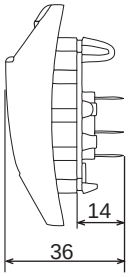
Connection terminals: Faston or soldering connection for cables up to 2.5 mm².

Dimensions (mm)

Unica Class, Unica Top, Unica Plus and Unica Allegro



Unica Basic, Unica Colors and Unica Quadro



Technical alarms

MGU3.710.xx - MGU3.711.xx - MGU3.713.xx - MGU3.712

Area of application

Two kinds of technical alarms are available to guard against potential danger for homes and building:

- Gas detectors: they are used to sound an alarm as soon as light gasses (natural gas, city gas, methane ...) or heavy gasses (butane, propane...) start to dissipate into the ambiant air. Gas detectors are designed to be installed in boiler rooms and kitchen or other places where there is a risk of gas escapes.
- Flood detector: it is designed to detect a water leakage in order to prevent water damage. It is connected to SE3.712 sensor, located just a few centimeters off the floor.

Technical data

- **Gas detectors**
- Power supply: 12 V AC/DC.
- Signalling:
  - alarm indication: red LED,
  - power indication: green LED,
  - stabilization indication during switch on and malfunction indication: amber LED,
  - life time indication: label on front face.
- Test button on front face for simulation.
- Operating temperature: 5 to 40 °C.
- Operating consumption: 130 mA.
- Alarm level: 85 bB -1 m.
- Output contacts: potential free switch over contacts (NO, NC) for connecting solenoid valve on available voltage (12 V, 24 V or 127 V AC or 230 V AC).
- Installing recommendations:
  - 50 cm from the ceiling for methane gas detectors,
  - 50 cm from the floor for LPG gas detectors.

Flood detectors

- Power supply: 12 V AC/DC.
- Signalling:
  - alarm indication: red LED,
  - power indication: green LED,
- Test button on front face for simulation.
- Operating temperature: 5 to 40 °C.
- Operating consumption: 63 mA.
- Alarm level: 85 bB -1 m.
- Output contacts: potential free switch over contacts (NO, NC) for connecting solenoid valve on available voltage (12 V, 24 V or 127 V AC or 230 V AC).
  - A flood sensor (SEU.712) is delivered with each flood detector.

Standards

- Quality marks: CE
- Standard: EN 50194.

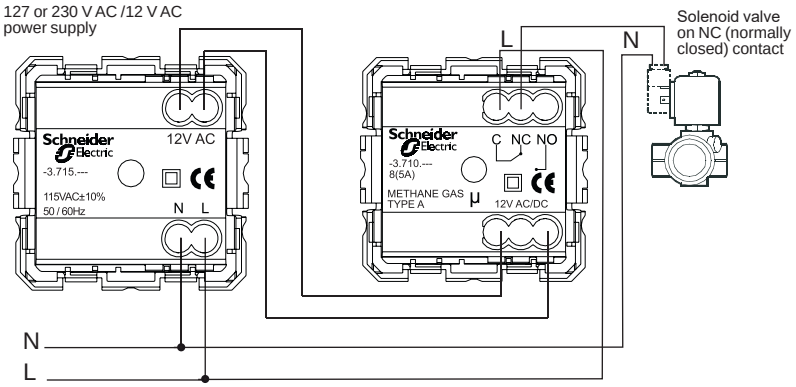
Use

- When the detectors are activated, an alarm is triggered, a red LED flashes and a powerful audible signal is given.
- The detectors have potential free switch over contact, one NO and one NC to connect directly to a solenoid valve or siren.
- The detectors are equiped with a test button on front face; they must be tested at regular intervals to ensure that they are operating correctly.
- The gas detectors have a limited life time cycle of 5 years after the 1st installation.

On the front cover a label has to be inserted to indicate the expire date of the gas detector.

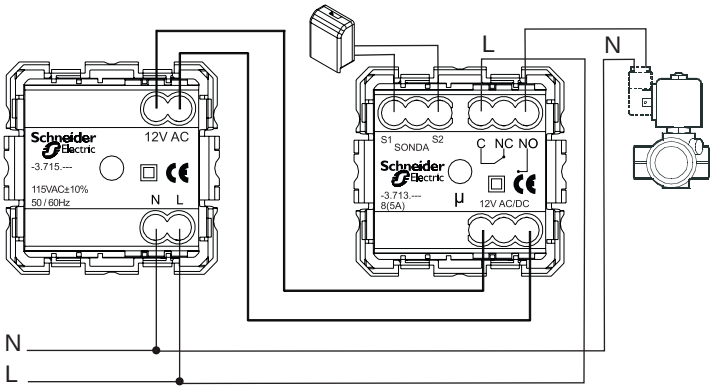
Connections

Gas detectors connection



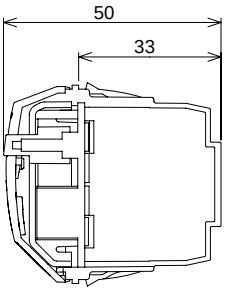
Connection terminals: screw connection for cables up to 2 x AWG16 (2 x 1.5 mm²).

Flood detector connection



Connection terminals: screw connection for cables up to 2 x AWG16 (2 x 1.5 mm²).
*Use of a maximum of 3 sensors in parallel.

Dimensions (mm)



Socket-outlets

Area of application

- Supply of household appliances, portable lighting devices, electronic devices, etc.
- Some power sockets include a child safety device.

Technical data

- Insulation resistance: > 5 MΩ/ 500 V.
- Dielectric strength: > 2000 V.
- Minimum breaking capacity: 100 operations at 1.25 x In and 1.1 x In, where Pf (Cos φ) = 0.6.
- Enveloping and elastic cells.
- For operations, the earthing contact is made first and broken last.
- Minimum useful life: 10,000 position changes at In and Vn, where Pf (Cos φ) = 0.8.
- Materials: self-extinguishing technopolymer with excellent impact strength. The front parts are resistant to cleaning products and to UV radiation. They are halogen-free.
- The main sockets are also available in red to distinguish the circuits: identification of circuits supplied by uninterruptible power supply (UPS), AC networks or stabilised networks.

Connections

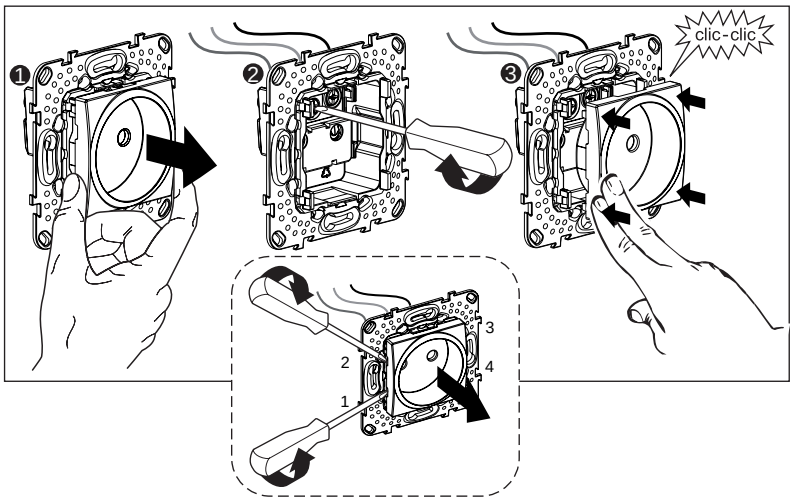
- Screws or screwless connection:
  - ○ screw connection by mixed head screw,
  - ○ screwless connection without tool.
- Terminals accessible on a side part of the socket facilitating connection of terminals and insertion of the device in the box as the rear part remains free of cables.
- Terminals for cables up to 4 mm², rigid or flexible.
- Screw connection by mixed head screw supplied loosened.

Standards

In accordance with IEC 60884-1 and the following national standards depending on the country use: VDE 0620-1, UNE 20315-1-2, NFC 61-314, NOM-003-SCFI-2000, SI 32, BS 1363-1 and BS 546:1950.

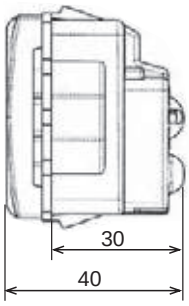
Installation

German or french, screw terminals socket-outlet

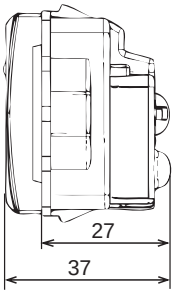


Dimensions (mm)

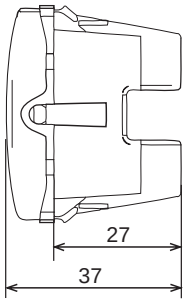
10/16 A- 2P, German type



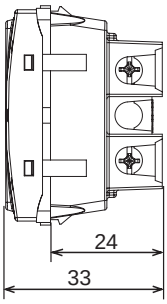
10/16 A- 2P, European type
10/16 A- 2P + E, French type



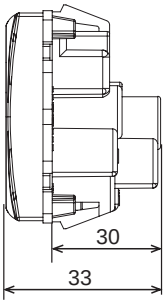
10 A- 2P, European type



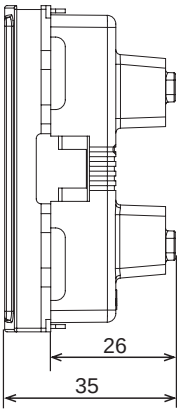
10/16 A- 2P, 2P + E, Euroamerican, American and Italian type



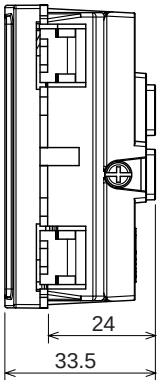
10 A- 2P + E, shuttered British type



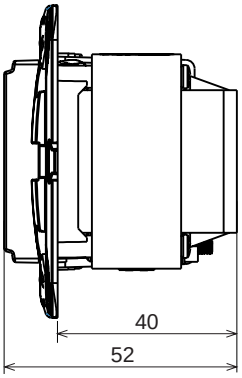
10/16 A- 2P + E, duplex, American type



16 A- 2P, 2P + E, duplex Euroamerican type



20 VA- 2P + E, shaver socket



RJ45 data sockets

Area of application

● Given the rapid evolution of the world of computing and telecommunications, today installation of networks is essential in offices and shops (and soon in homes) in order to share information and equipment (printers, scanners, etc.) between several computers.
● These networks consist of cables, connectors, centralising systems and other accessories that, installed in standard, flexible and upgradeable manner (for all Voice, Data, Image transmission applications), make up what is known as structured cabling system.
● The main component of structured cabling is the cable. There are different types of cable for data networks (coaxial, optical fibre, etc.), but the cable most commonly used is the twisted pair cable consisting of 2 insulated and interlaced copper wires.
● There are several types of twisted pair cables:
○ the U/UTP cable (Unshielded Twisted Pair) is a 4-pair twisted cable that is not shielded. It is intended for small and medium installations without electromagnetic pollution
○ the F/UTP cable (Foiled Twisted Pair) is a 4-pair twisted cable with general shielding for external protection, common to all 4 pairs, protecting them against reduced electromagnetic pollution. It is suitable for installations requiring minimum electromagnetic protection
○ the S/FTP cable (Shielded Twisted Pair) is also another 4-pair shielded twisted cable with protective shielding of each pair against high electromagnetic pollution. This minimises emissions. It is suitable for installations requiring a high level of electromagnetic protection.
● The RJ45 socket is an 8-pin connector standardised by ISO8877 for connection of devices to VDI networks.
● One of the standards most commonly used for production of structured cabling is that of the North American Association of electronic and telecommunications manufacturers (EIA/TIA 568B) that has defined a colour code with 2 alternatives, to describe connection of the RJ45 connector.

Technical data

Categories

● The most important property defining a data network is the speed at which information can circulate inside this network.
● According to this aspect, installations are classed into the following categories:

Category	Transmission rate	Network type
Cat. 3	Up to 10 MHz	Ethernet 10 Base T, Token Ring 4 Mbps
Cat. 4	Up to 16 MHz	Token Ring 16 Mbps
Cat. 5e	Up to 100 MHz	Ethernet 1000 Base T, ATM 155 Mbps
Cat. 6	Up to 250 MHz	Ethernet 1000 Base T, ATM 1200
Cat. 6_A	Up to 500 MHz	Ethernet full-duplex mode 1000 Base T

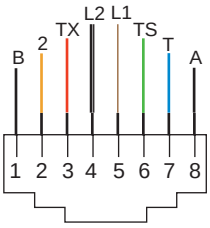
● So that an installation can be included in a certain category, all the elements making it up must belong to the same category, or, otherwise, it will be classed in the category of the lower category element.

Unica offer

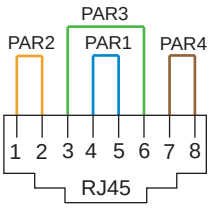
● The Unica offer consists of supports for RJ45 connectors and of a broad and comprehensive range of RJ45 infraplus and LexCom connectors covering virtually all structured cabling needs, both current and future.
● This offer satisfies the technical requirements of prevailing regulations soon to be standardised and stand out by the following characteristics:
○ ease of mounting: each connector is equipped with a code of colours and numbers to guide connection at all times without needing special tools
○ high connector quality with category 6 and 6 sockets thus allowing us to propose the quickest connector on the market
○ minimum conductor untwisting for connection, thus preventing electromagnetic interference
○ connection reliability
○ compact size (particularly for the shielded version).

Connections

Telephone connection

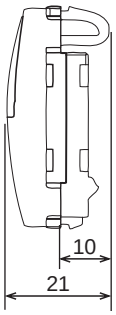


EIA/TIA 568B

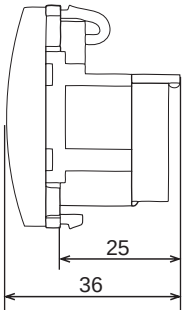


Dimensions (mm)

RJ45 cover



RJ45 socket



RJ45 data sockets (cont'd)

Compatibility table for RJ45 cover plates

AMP®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
1375055-x	UTP	Cat. 6	•	•
1375188-1	STP		•	•
406372-x	UTP	Cat. 5	•	
1375191-x			•	•
1116604-x			•	•
1479139-x			•	
1116515-1	STP		•	
1375189-1			•	•
1339015-1			•	•
1479140-1			•	
406373-2	UTP	Cat. 3	•	

SYSTIMAX®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
MGS400-xxx	UTP	Cat. 6	•	•
MPS100E-xxx		Cat. 5	•	•

BRAND REX®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
C6C-JAK-U-01-2	UTP	Cat. 6	•	•
C6C-JAK-U-01-3			•	•
C6C-JAK-F-OK-2	FTP		•	•
C6C-JAK-F-AK-2			•	
C6C-JAK-F-BK-2			•	
GPC-JAK-U-B1-3	UTP	Cat. 5	•	•
GPC-JAK-U-A1-3			•	•
GPC-JAK-U-BK-3			•	•
GPC-JAK-U-AK-3			•	•
GPC-JAK-U-01-3LF			•	•
GPC-JAK-F-01-2LF	FTP		•	•
GPC-JAK-F-B1-2			•	
GPC-JAK-F-A1-3			•	
GPC-JAK-F-BK-2			•	
GPC-JAK-F-AK3			•	

RJ45 data sockets (cont'd)

Compatibility table (Cont'd)

GENERAL CABLE ®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
CU6PJACBLP	UTP	Cat. 6	•	
CU6PJAKBLP			•	•
CU5EJACBLP		Cat. 5	•	
CU5EJAKBLP			•	•
CU5PJACBLP			•	•
CF5NJAC99P	FTP		•	•
CF5PJAC99P			•	

KRONE ®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
6380 1 800-04	UTP	Cat. 6	•	•
6380 1 810-04	STP		•	
6830 1 305-01	UTP		•	•
6830 1 312-xx	STP		•	
6540 1 100-07	UTP	Cat. 5	•	•
6540 2 161-60	STP		•	
6540 1 130-xx	UTP		•	•
6540 1 154-02	STP		•	
6467 1 081-xx	UTP		•	•

NEXANS ®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
N420.610	UTP	Cat. 6	•	•
N420.620	FTP		•	•
N420.630	STP		•	•
N420.510	UTP	Cat. 5	•	•
N420.520	FTP		•	•
N420.530	STP		•	•
N420.416	UTP		•	•
N420.426	FTP		•	•

Note: Use 429.620 article with this type of connectors.

NORDX/CDT ®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover	Compatibility with MGU9.461.XX universal cover
AX101318 to 101328	UTP	Cat. 6	•	•
AX101307 to 101317		Cat. 5	•	•
AX100577 to 100587			•	•

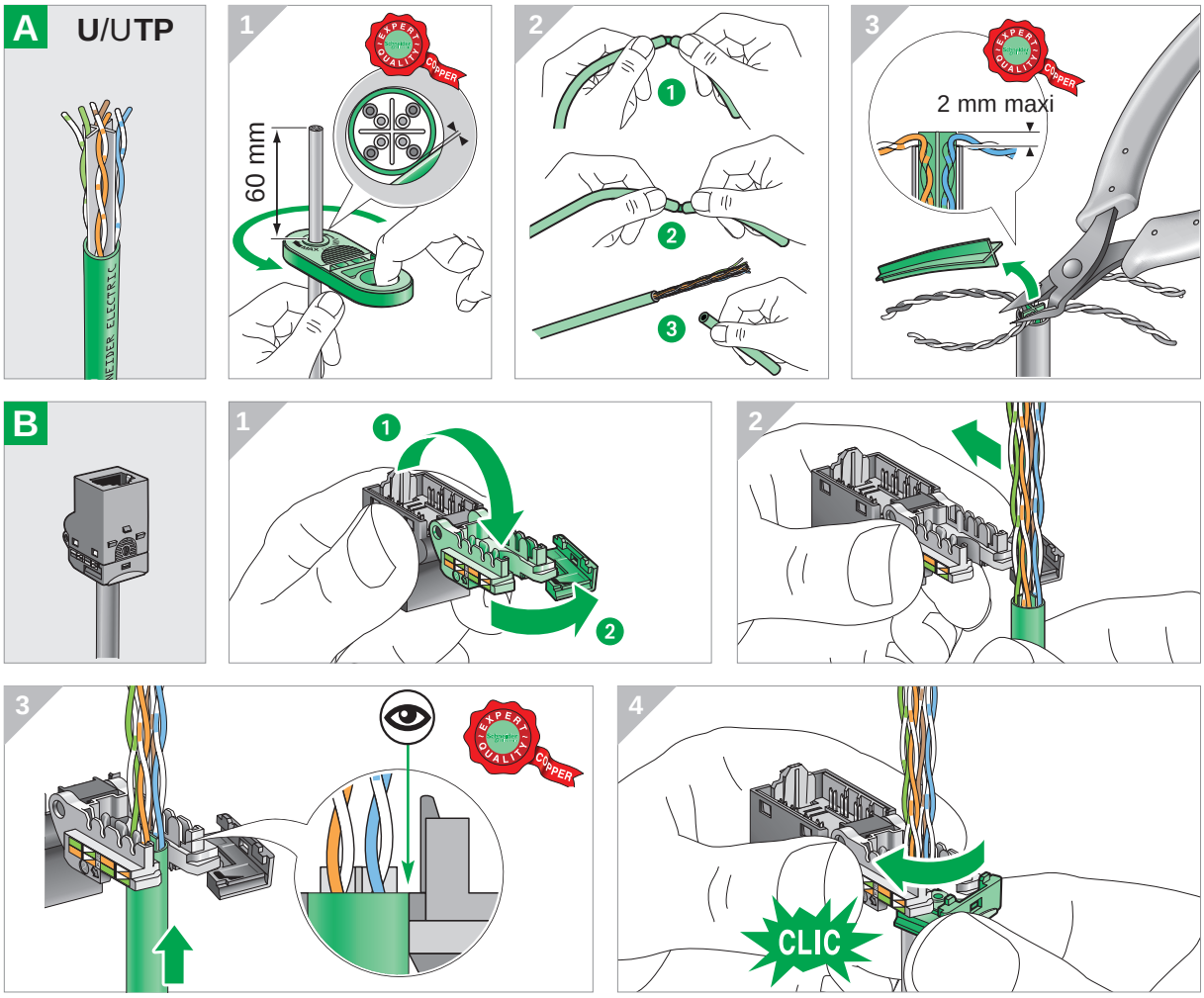
SUPERIOR ®

Connector ref.	Type		Compatibility with MGU9.460.XX universal cover
KMJSIXB02	UTP	Cat. 6	•
KMJVL8A/B02S	FTP	Cat. 5	•
KMJVL8A/B02	UTP		•
KMJEFS8B02			•

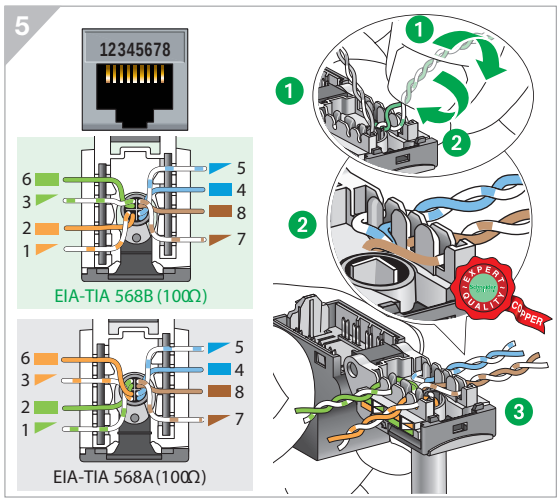
RJ45 data sockets (cont'd)

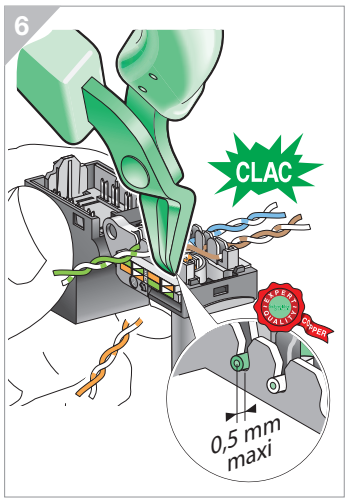
Installation

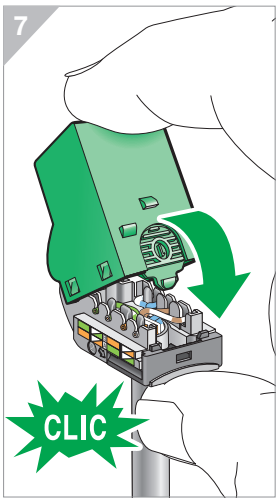
Example of unshielded data socket installation (cat 6A, 5, 5e)

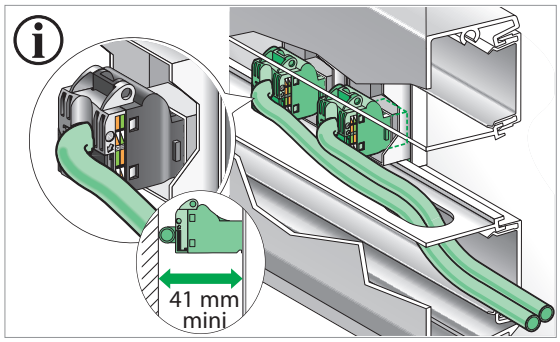


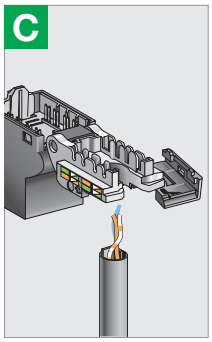
RJ45 data sockets (cont'd)

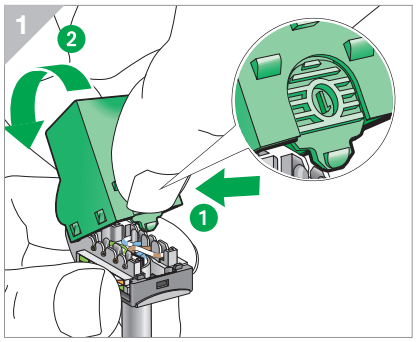


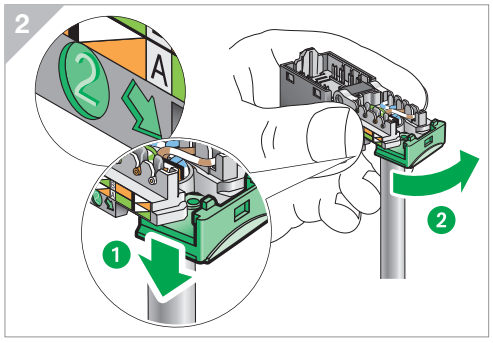


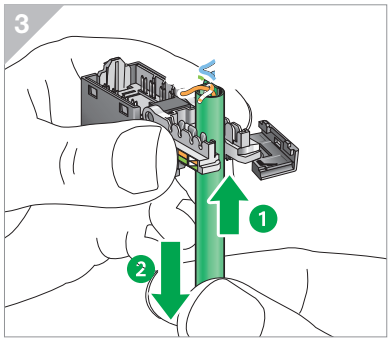


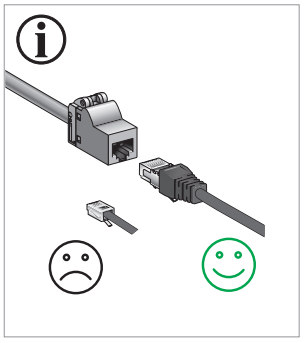








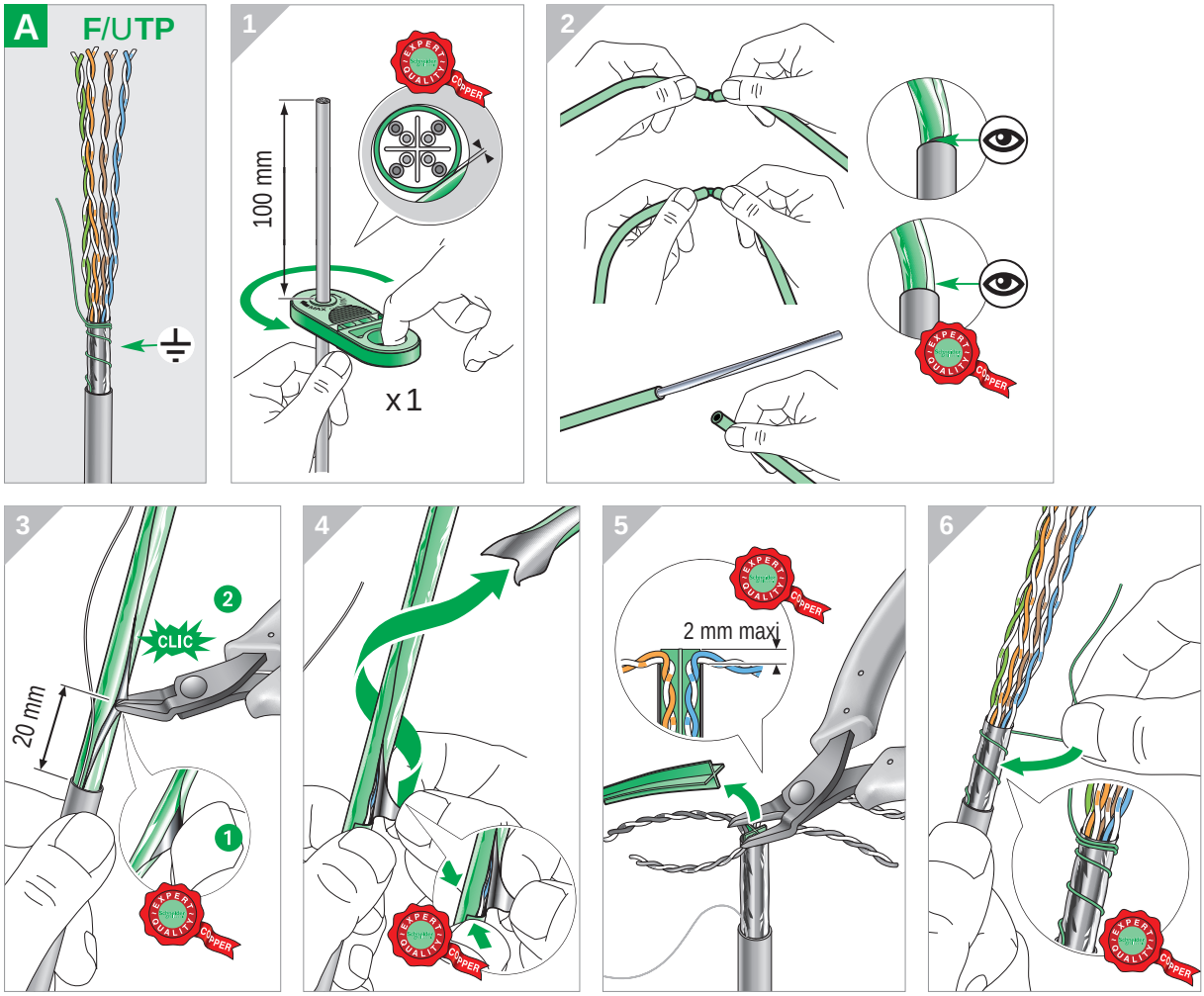




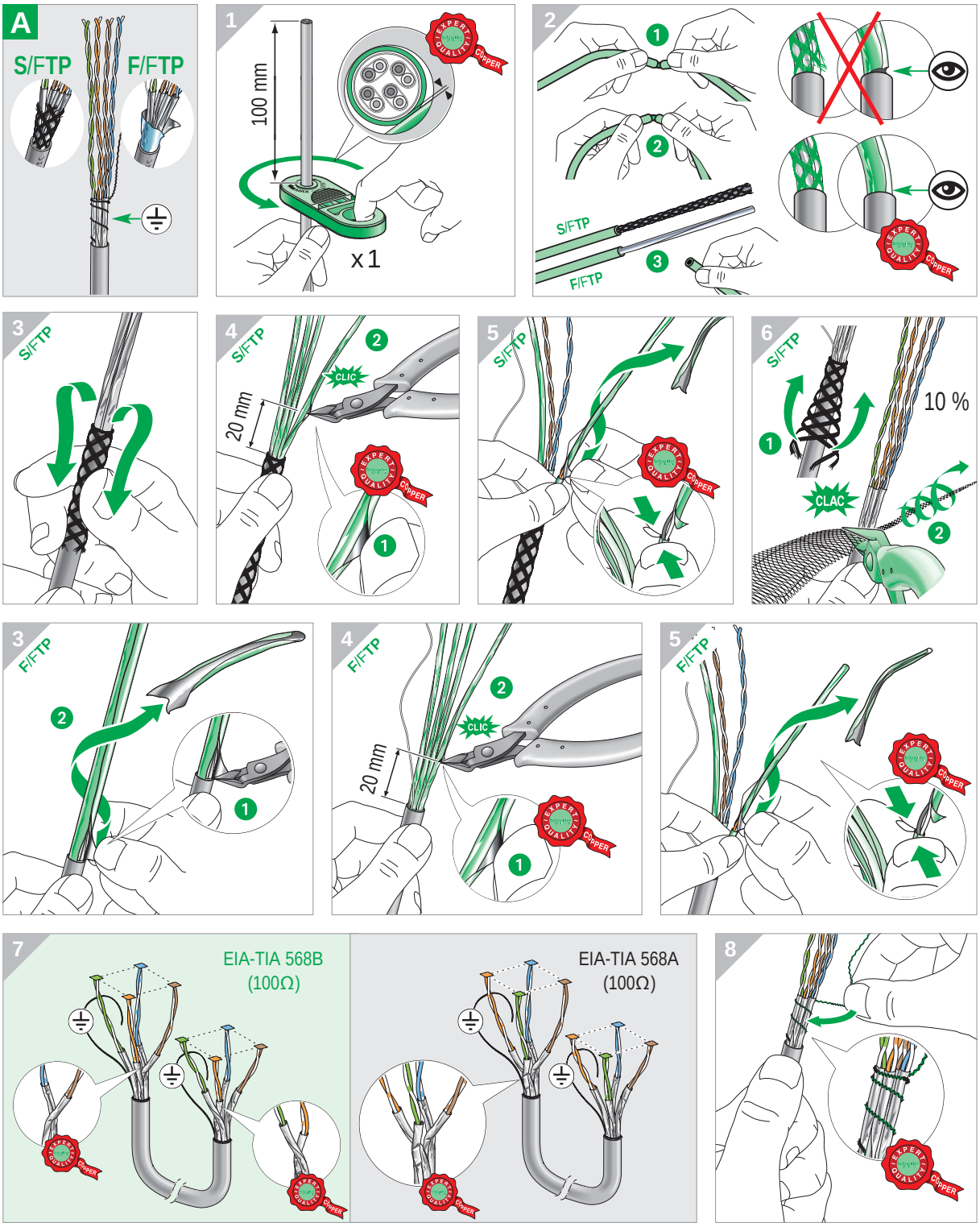
RJ45 data sockets (cont'd)

Installation

Example of shielded data socket installation (cat 6A, 5, 5e)



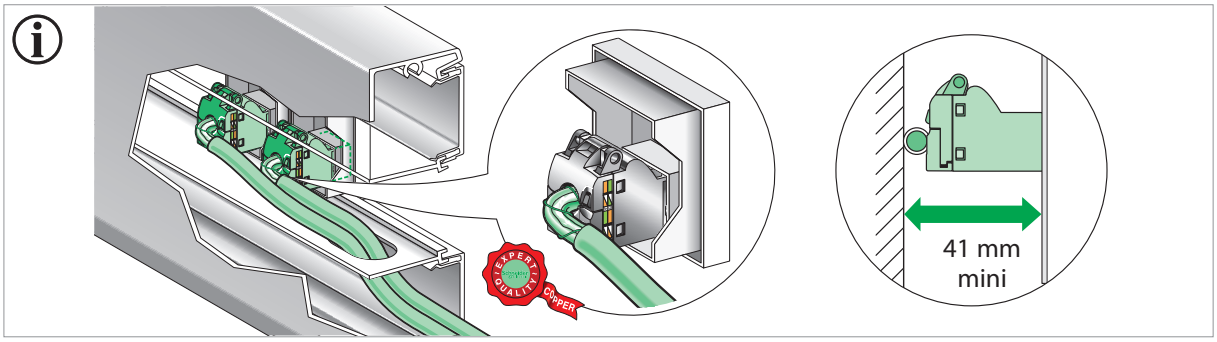
RJ45 data sockets (cont'd)

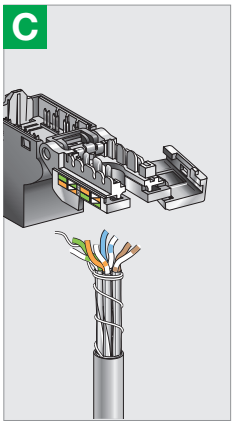


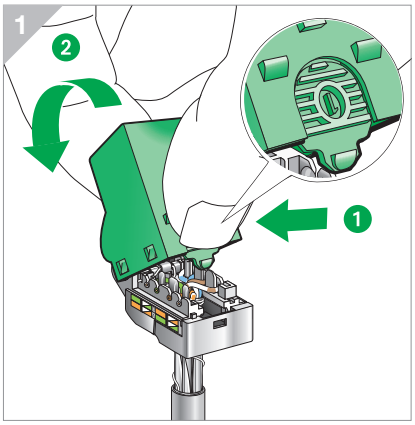
RJ45 data sockets (cont'd)

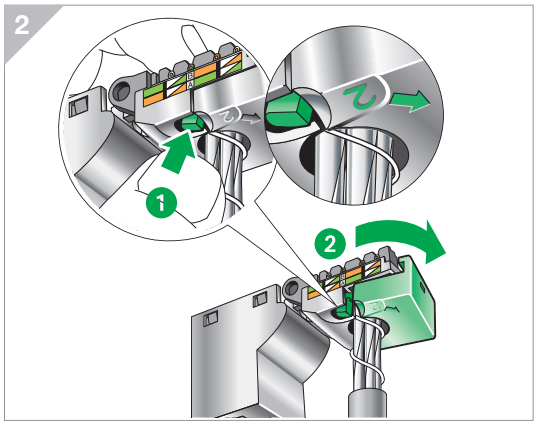
Installation

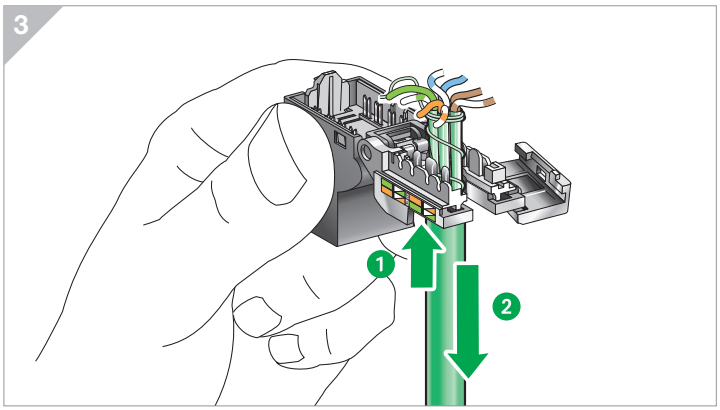
Example of shielded data socket installation (cat 6A, 5, 5e) (Cont'd)

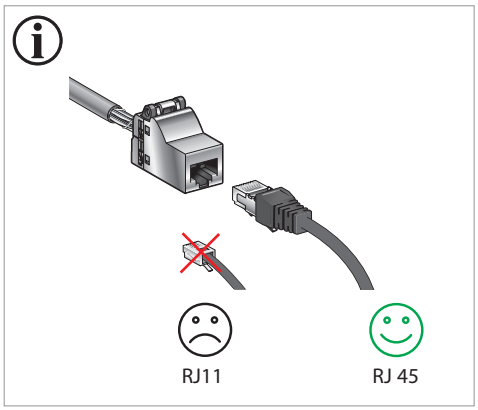




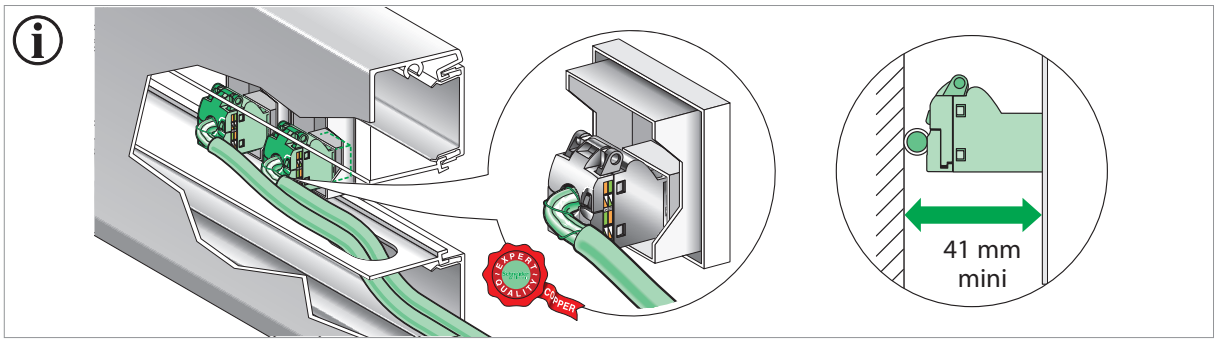


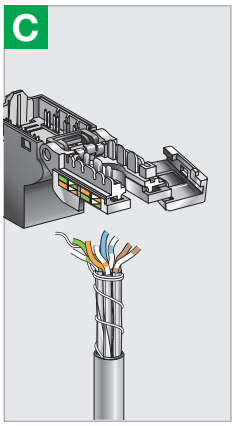


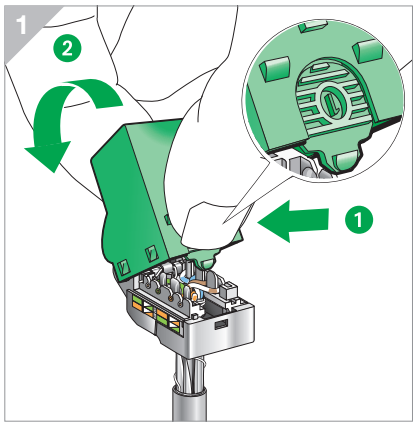


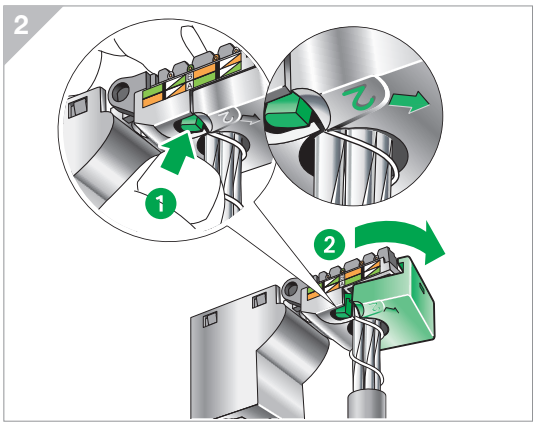


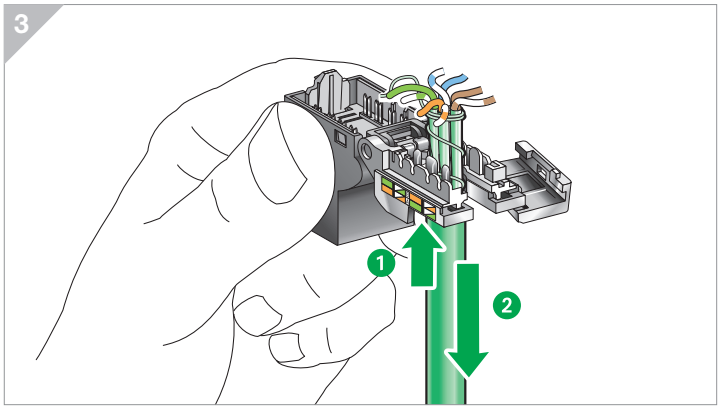
RJ45 data sockets (cont'd)

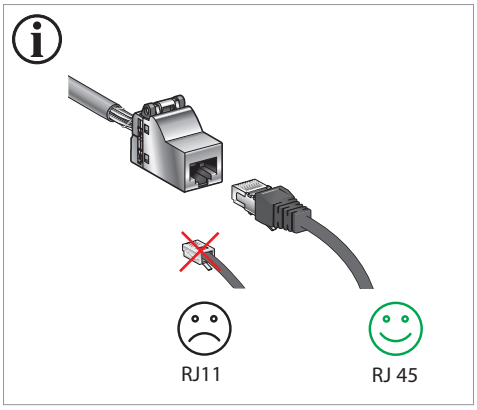












TV/FM/SAT sockets

Area of application

Antenna sockets are adapted for connection of radio and television receivers, with land-based or satellite-based analog and digital signals, by cable over a frequency band of between:
- 47 and 860 MHz for those of TV/FM type,
- 10 and 2300 MHz for R-TV/SAT type,
- 5 and 2400 MHz for R/TV/SAT ones.

Technical data

- For sockets with a double output, signals arriving mixed via the cable from the antenna are separated and transmitted by 2 IEC Ø 9.5 mm type connectors, one male and the other female.
- For TV/ FM sockets, the male connector delivers the frequency band from 47 to 860 MHz for land television and the female connector from 87 to 108 MHz to receive radio transmissions.
- For R-TV/ SAT sockets, the male connector delivers frequencies from 10 to 830 MHz for radio and land television and the female connector reproduces the bandwidth between 950 and 2400 MHz to receive television transmissions via satellite.
- For R/TV/ SAT sockets, the male connector delivers the frequency band from 47 to 860 MHz for land television, the female connector from 87 to 108 MHz to receive radio transmissions and the F connector reproduces the bandwidth between 950 and 2400 MHz to receive television transmissions via satellite.
- Functionally speaking, the sockets are designed so that the mechanical part can facilitate and ensure suitable connection of coaxial cables. The socket body is entirely made of Zamak cast iron (Zamak is a zinc and aluminium alloy) so as to offer perfect shielding (against electromagnetic interference) to the electronic part that is made up of passive components (not requiring power supply), able to obtain the best adaptation characteristics as regards impedance, attenuation and decoupling, thus ensuring optimum level audio and video signals over the entire installation.
- The R-TV/ SAT sockets satisfy all the requirements of the new regulations on Common Telecommunications Infrastructures (CTI) as per R.D. 1/1998 and R.D. 279/1999.

Standards

In accordance with:
EN 50083-1, EN 50083-2 and EN 50083-4.

TV-FM sockets

	Frequencies	MGU3.451.XX	MGU3.452.XX	MGU3.453.XX	MGU3.458.XX	MGU3.459.XX
		Individual	End-of-line series	Intermediate series	End-of-line low losses	Intermediate low losses
Pass through attenuation (db)	**R** 87.5-108 MHz	10	27	32	32.5	27.5
	TV/VHF 47-68 MHz	2	13.5	17	5	12
	TV/UHF 125-860 MHz	< 1	13.5	17	5	10.3
Outlet attenuation (db)	**TV**			0.5		< 1
DC current		no	yes	yes	no	yes
Sockets/line		1	1	7	1	4
Connectors		IEC Ø 9.5 mm type				

R-TV-SAT sockets

	Frequencies	MGU3.454.XX	MGU3.455.XX	MGU3.456.XX
		Individual	End-of-line series	Intermediate series
Pass through attenuation (db)	**R** 10-108 MHz **TV/VHF** 118-470 MHz **TV/UHF** 470-830 MHz	< 0.8	< 9	13
	SAT 950-2400 MHz	< 1.4	< 17	< 12
Outlet attenuation (db)	**TV**			1
	SAT			1.5
DC current		In SAT socket		
Sockets/line		1	1	4
Connectors		IEC Ø 9.5 mm type		

R/TV/SAT sockets

	Frequencies	MGU3.450.XX
		Individual
Pass through attenuation (db)	**R** 5-108 MHz	≤ 3
	TV 125-862 MHz	≤ 2.5
	SAT 950-2400 MHz	≤ 3
DC current		In SAT socket
Sockets/line		1
Connectors		IEC Ø 9.5 mm type

SAT single shielded sockets

	MGU3.462.XX	MGU3.463.XX	MGU3.464.XX
	Individual	Passage	Terminal
Frequency (MHz)	5-2150		
Shunt attenuation (dB)	11	11	8
Passage attenuation (dB)	-	< 1 (2150 MHz)	-
Current passage	NO		
Sockets/line	1	4	1
Connector	IEC Ø 9.5 mm male		

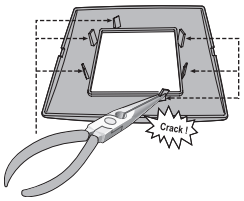
TV single shielded sockets

	MGU3.465.XX	MGU3.466.XX	MGU3.467.XX
	Individual	Passage	Terminal
Frequency (MHz)	5-862		
Shunt attenuation (dB)	11	11	8
Passage attenuation (dB)	-	< 0.5 (562 MHz)	-
Current passage	NO		
Sockets/line	1	4	1
Connector	IEC Ø 9.5 mm female		

TV/FM/SAT sockets

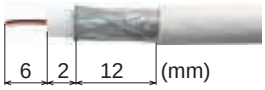
Cover frame installation

Covers ref. MGU9.440.XX and MGU9.441.XX are used to apply **Unica** finishing to standard TV sockets (such as those of TELEVES, IKUSI, etc.). The rack type guides must be separated from the cover frame to be installed, as shown on the following drawing..

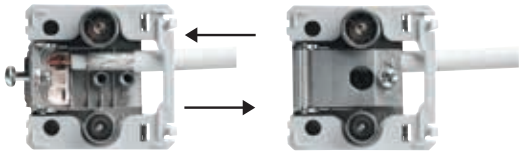


Connections

● Prepare the coaxial cable according to the dimensions specified on the following drawing.
● Ensure that no external mesh wires touch the central wire (live).

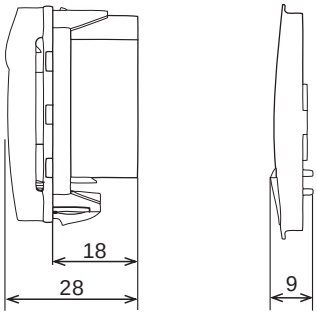


● Lift up the central cover of the socket and place the cable or cables as per the following photo: when installing the 2 cables (on the Intermediate Series sockets), check that the cable properly matches the position given by the arrows on the "signal input" and "signal output" socket.
● Fold back down the cover and fully screw on.

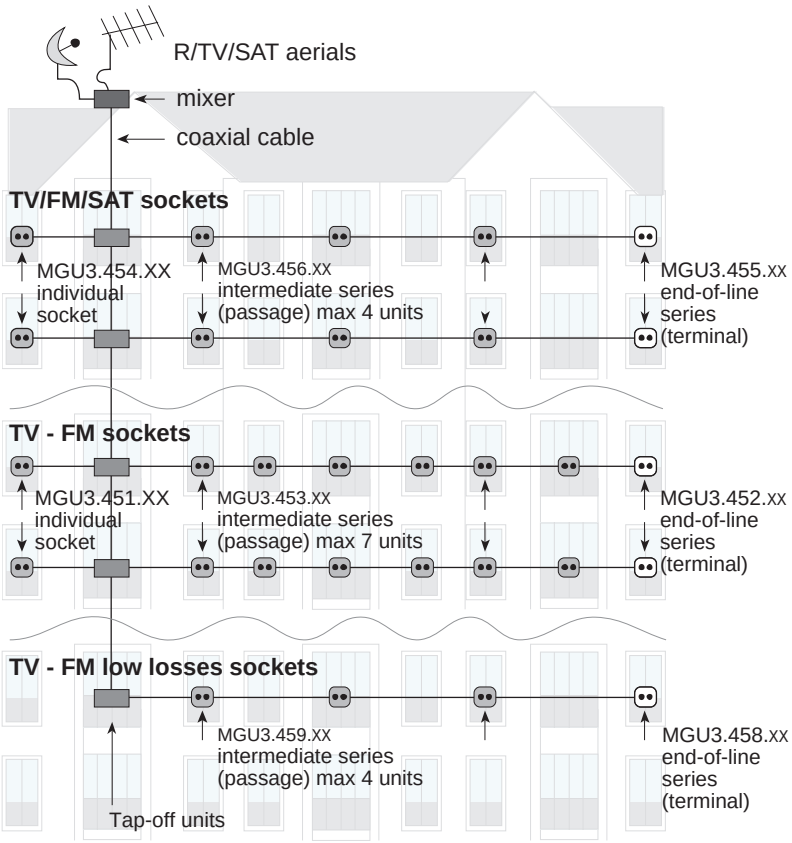


TV socket **Cover**

Dimensions (mm)



Installation

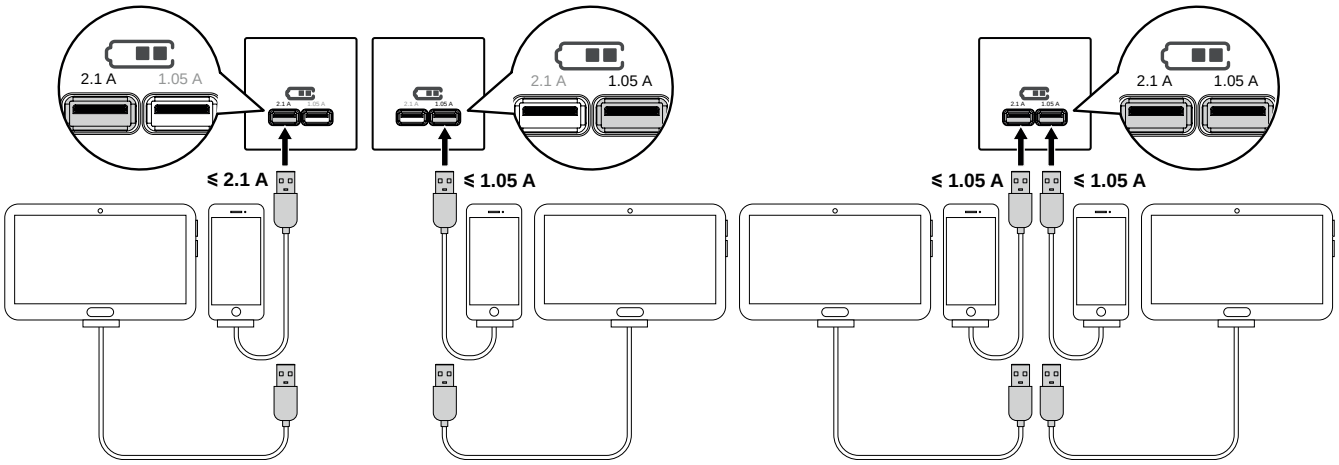


USB chargers

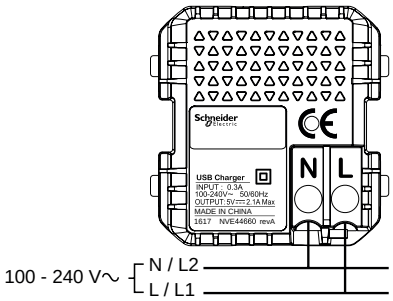
Area of application

USB chargers allow you to quickly charge the battery of a portable device without a mobile charger

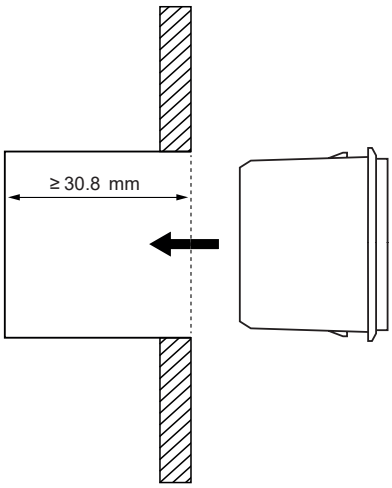
Use



Connection



Embedding depth



In-wall bluetooth audio receivers

Area of application

- The audio receiver can be paired with any bluetooth device
- Play Music:
  - Stored in the phone / computer / tablet
  - From a Internet Radio
  - From any Music platform
- Ideal for hotel and hospital rooms, educational centers, usiness purposes, home
- Each module has its own identification number to avoid interference from other users nearby
- It can be also connected to any device without bluetooth using the AUDIO IN option
- It can be connected to two or more speakers of any model, type and brand available in the market.

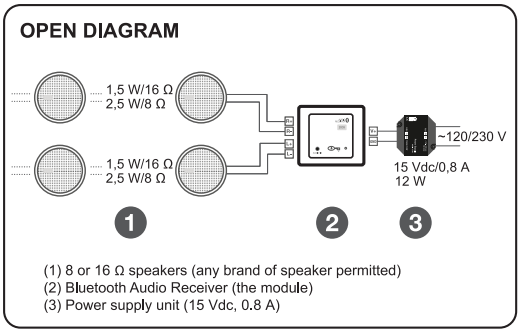
Characteristics

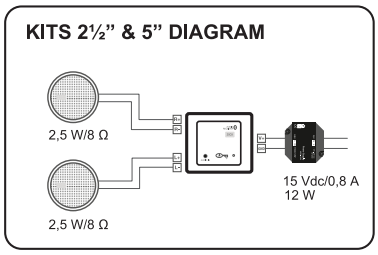
Audio receiver:
- communication network type: bluetooth
- operating distance: 10 m
- connector type: jack 3.5 mm
- input impedance: 62 Ω
- rated operational voltage: 15-16 V DC
- current consumption: 4.5-100 mA
- signal isolation: 58 dB
- bandwith: 45-20 000 Hz
- signal to noise ratio: 84 dB
- number of addresses: 0000-9999
- transmission frequency: 2.4 GHz
- radio power: 7 dBm
- connection terminals: screws terminals
- degree of protection: IP20

Power supply:
- rated operational voltage: 265 V AC
- network frequency: 47-63 Hz
- consumption demand: 12 W
- input voltage: 100 mV rms with jack
- output voltage: 15 V DC
- output current: 800 mA
- nominal output power:
  - 2.5 W, 0.8 A, 15 VDC, 8 Ω
  - 1.5 W, 0.8 A, 15 VDC, 16 Ω
- connection terminals: screws terminals
- degree of protection: IP20

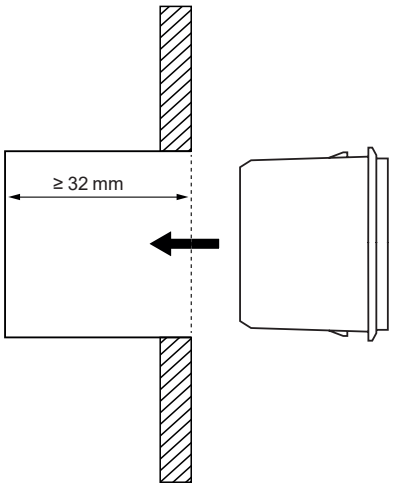
Loudspeakers:
- 2 loudspeakers delivered with 2 cables (5 m, Φ 0.5 mm², red and white)
- dimensions (diameter x depth): 95 mm x 36 mm
- input impedance: 8 Ω

Connections



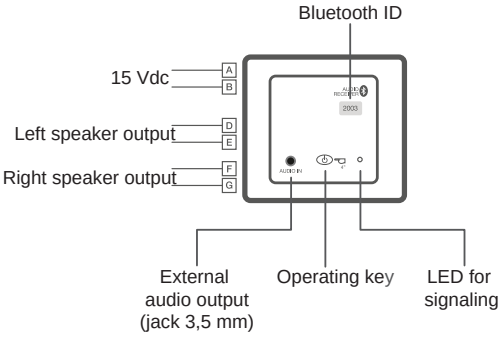


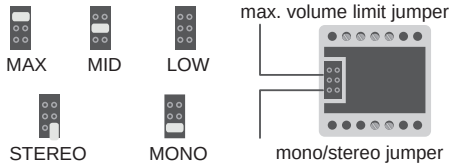
Embedding depth

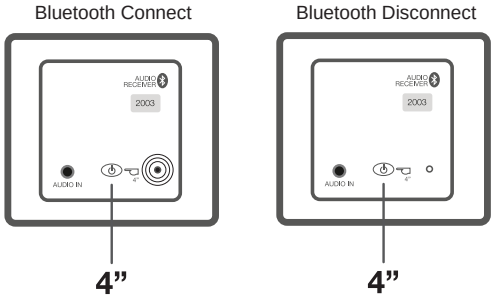


In-wall bluetooth audio receivers (cont'd)

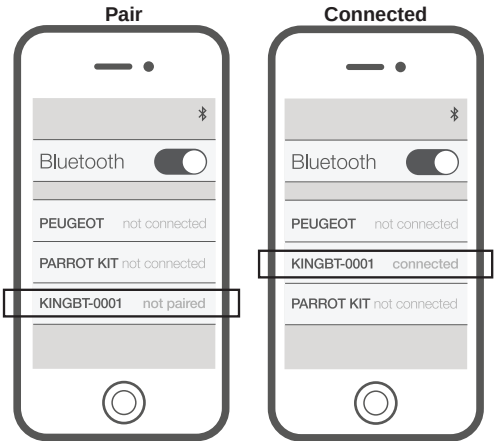
Use

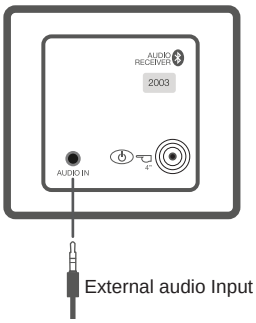






LED for signaling
The LED color for signaling the status of the Module is as follows:
- Blue flashing LED = waiting for pairing and connecting with the bluetooth device
- Blue LED = module is connected to the bluetooth device
- Red LED = an external audio input has been inserted





Telephone sockets

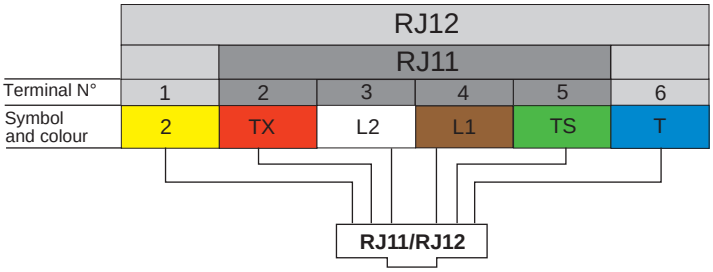
Area of application

- To connect telephone sets, modems, fax machines and other telephony equipment to the network.
- The 6-pin socket is suitable for new design installations, as it is adapted to current regulations on Common Telecommunications Infrastructures (CTI), which indicate that the Terminal Access Database (TAD) must be equipped with a 6-channel Bell type female connector.

Technical data

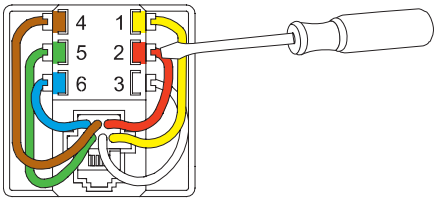
- 4 to 6-pin connectors (RJ11 and RJ12 respectively) with screw connection or insulator displacement.
These connectors are Category 3, implying transmission rates of up to 16 Mb/s.
- The standard line with 1 pair of wires is connected between L1 and L2 connection of RDSI, ADSL lines and other 4-wire lines (two pairs) is found between L1-L2 and TX-TS.

Connection

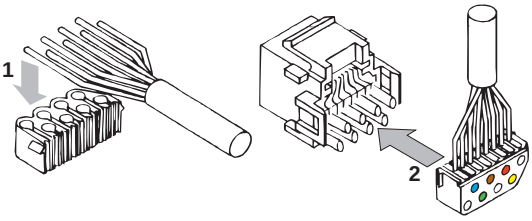


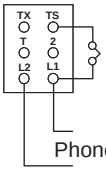
Screw connection system

Connection terminals: screw connection for rigid cables up to 0.2 mm².

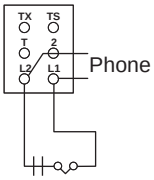


Connection system by insulator displacement

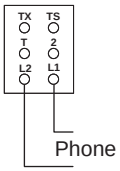




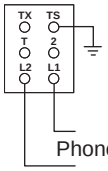
Normal



Transfer and call returned



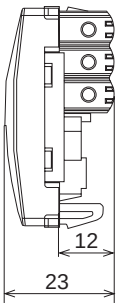
Additional bell without capacitor



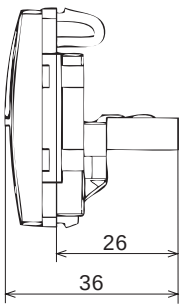
Additional bell with capacitor

Dimensions

Screw connection



Connection by insulator displacement



Indicator lamps

Area of application

● To indicate load status (On/ Off), room status (occupied/ free), etc., using lamp signals in 4 colours (orange, red, green or colourless).
● This product is an indicator lamp and not suitable for use as emergency lighting.

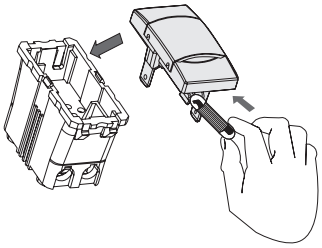
Technical data

Incorporates a neon bulb, ref. MGU0.821.

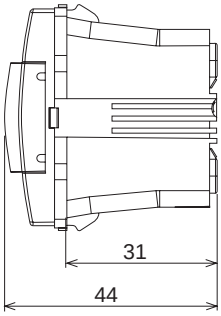
Standards

In accordance with LV and EMC directives.

Neon bulb replacement



Dimensions (mm)



Buzzers
MGU3.785.XX

Area of application

- This product is used as a call signal at the entrance to homes, offices and businesses or to indicate an alert in technical alarm systems (intermittent operation).
- With adjustable volume.

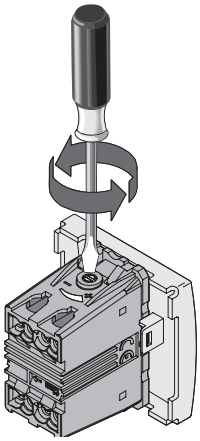
Technical data

- Rated voltage: 230 V AC ± 10 %, 50-60 Hz.
- Volume can be adjusted using a screw located on the side.
- Acoustic output: between 76 and 80 dB.
- Consumption: 40 mA.
- Maximum continuous operation time: 60 s.

Standards

In accordance with LV and EMC directives.

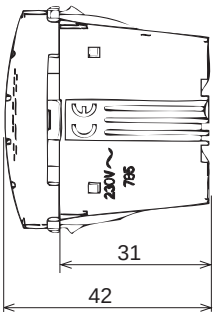
Volume setting



Connections

- Terminal identification: L (phase), N (neutral)
- Connection terminals: screw connection for cables up to 2 x 1.5 mm^2.

Dimensions (mm)



Electronic bells
MGU3.786.XX

Area of application

● It is particularly appropriate for homes, offices and so on, where it is necessary to distinguish between someone ringing from outside the building and an internal service bell (for example the electronic door control for the whole building and the entrance door).

Technical data

● Rated voltage: 230 V AC ± 10 %, 50-60 Hz.
● Number of programmable melodies: 5.
● Conventional push-buttons with or without indicator lamp can be used for electonic bell:
○ maximum number of push-buttons connected in parallel without indicator lamp: 10,
○ maximum number of push-buttons connected in parallel with indicator lamp: 3.
● Acoustic output: 70 db/ 1 m.
● Consumption: 14 mA.

Standards

In accordance with IEC 62080.

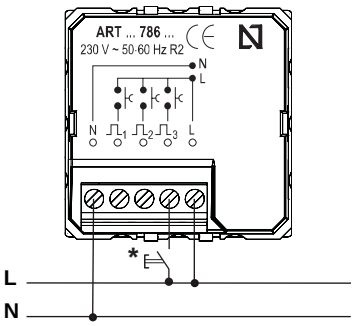
Use

The bell has 3 different inputs for the various push-buttons. 5 melodies are provided and a different one can be programmed for each input (see **Melody selection programming)**.

Melody selection programming

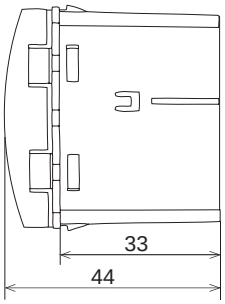
● Press the button for 15 s to access the melody programming mode. The bell plays all the available melodies in turn until you press briefly to make your choice. If no melody has been selected within approximately 3 minutes, the bell returns to its initial state and the original melody remains unchanged.
● Different melodies can be selected for the other bell inputs (push-buttons).

Connections



* Use of a maximum of 10 push-buttoms without indicator lamp connected in parallel or 3 push-buttoms with indicator lamp connected in parallel.
● Connection terminals: screw connection for cables up to 2 x 1.5 mm².

Dimensions (mm)



Emergency lights
MGU3.776.T

Area of application

Emergency lighting should the electrical power supply fail in the residential and tertiary sectors, for lighting of stairways, corridors and premises open to the general public.

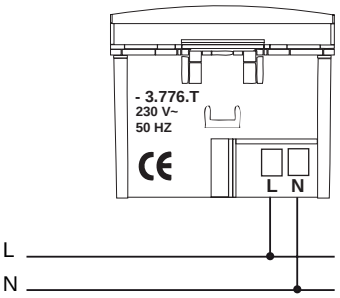
Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Battery charging: 24 h.
- Autonomy: 1 h.
- Green LED: On indicates connection to the electrical network and that the battery is in charging phase or fully charged.
- Green LED: Off indicates that the battery is not being charged.
- Transparent diffuser.
- Battery life: 500 cycles.
- Bulb life: 400 h.
- Bulb and battery cannot be replaced.
- Brightness with diffuser/distance: 45 lux/ 25 cm.

Standards

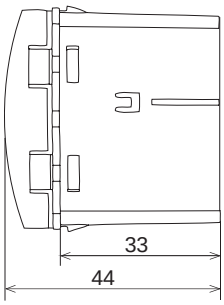
In accordance with EN 60598-2-22 concerning emergency lighting and with LV and EMC directives.

Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm².

Dimensions (mm)



Autonomous pilotlamps
MGU3.780.T

Area of application

Emergency lighting should the electrical power supply fail in the residential and tertiary sectors, for lighting of stairways, corridors and premises open to the general public.

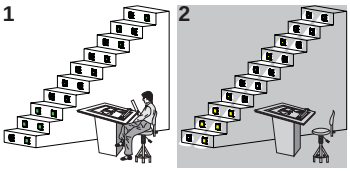
Technical data

- Rated voltage: 230 V AC ± 10 %, 50 Hz.
- Luminous flux: 2 lumens.
- Autonomy: 3 h.
- Batteries: 2 x 1.2 V - 0.3 Ah.
- Minimum charging time: 24 h.
- Impact strength: IK07.

Standards

In accordance with EN 60598-2-2.

Use

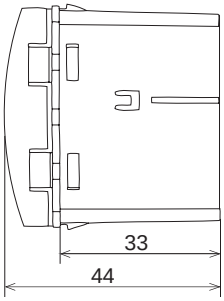


- The autonomous pilotlamp (MGU3.780.T) is connected to the electrical network.

When the latter is energised, a green LED lights up on the autonomous pilotlamp (drawing **1**).
In event of a power cut, the pilotlamp remains lit by means of 2 yellow Leds (drawing **2**).
The autonomous pilotlamp has an autonomy of 3 h.

- If the electrical network is energised and the green LED is not lit, this means that the battery is completely discharged. The product must then be replaced.

Dimensions (mm)

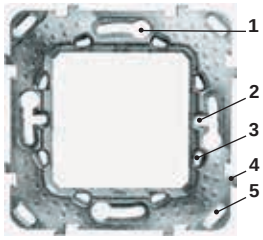


Fixing frames

Area of application

Universal fixing frames

● Allows clipping on of devices, in horizontal or vertical position.
● They are equipped with:
1: Perforations for fixing to the box to be flush-mounted using screws.
2: Location for optional claws (MGU7.892), supplied housed in a plastic body.
3: Inlets for cover frame rack type guides.
4: Dovetails for a perfect connection when adjoining fixing frames in vertical or horizontal direction.
5: Perforations for direct wall-mounting using pins.



Italian fixing frames

● Rectangular fixing frame comprise up to 6 modules and accommodate 5 different cover frames of 1, 2, 4 or 6 modules thanks to its design allowing the device to be fixed in any position.
● They are equipped with:
1: Perforations for direct mounting to the wall, a wooden panel, etc. using pins.
2: Screws for fixing to the box to be flush-mounted or on rectangular surface.
3: Inlets for cover frame rack type guides.

Technical data

● Material: Zamak (zinc and aluminium alloy) or plastic (technopolymer) of very high rigidity and completely rustproof, thus making it resistant long-term and to cleaning products (javel water, ammonia solution, etc.).
● It is ready for insertion of cover frame rack type guides, thus providing a solution for wall irregularities and ensuring proper fastening, including :
○ when the box remains sunk in to up to 2.5 mm on the wall
○ when the box projects by 0.75 mm from the wall.
● Ergonomic design: it exhibits no sharp edges, burr or cutting parts that could be harmful during installation.
● Easier fixing frame alignment thanks to two points:
○ a dovetail system for perfect coupling (for the universal fixing frame)
○ a straight surface to facilitate use of a boning rod.

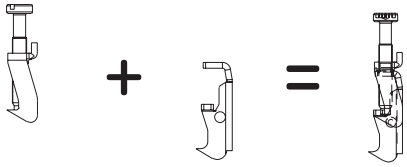
Standards

In accordance with EN 60669-1.

Installation

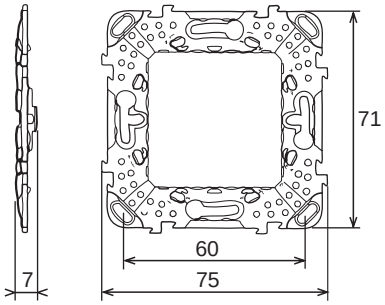
Fixing frames with long fixed claws and short fixed claws.

Extension for long claws

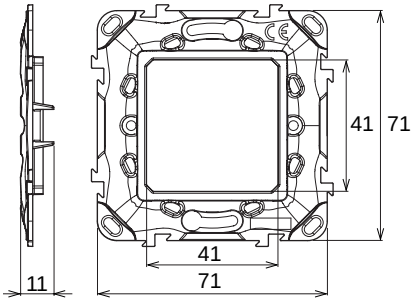


MGU7.012.GLS MGU7.892.A

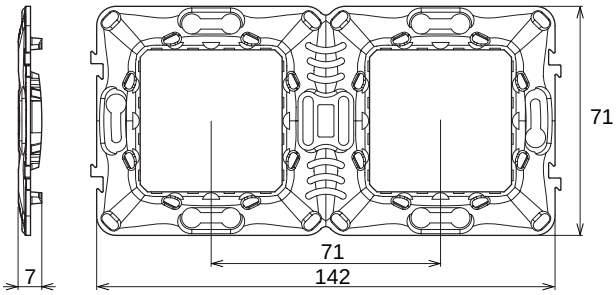
Dimensions (mm)



Universal fixing frame with short or long fixed claws (1 gang)



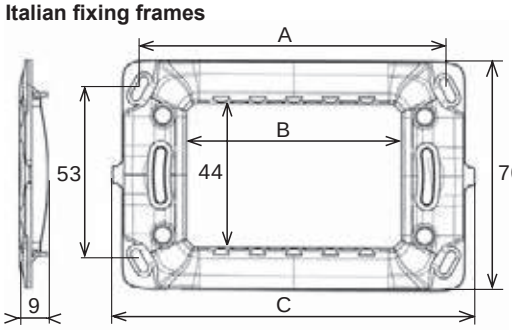
Universal fixing frame without claws (2 gang)



Fixing frames (cont'd)

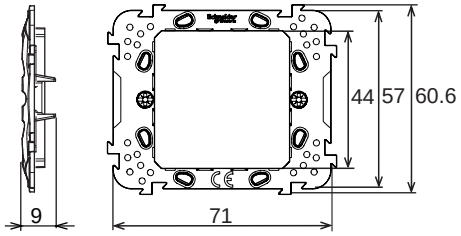
Dimensions (mm)

Italian fixing frames

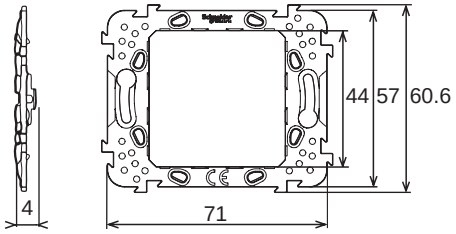


	A (mm)	**B** (mm)	**C** (mm)
3 modules	95	67	112
4 modules	117	89	134
6 modules	162	134	179

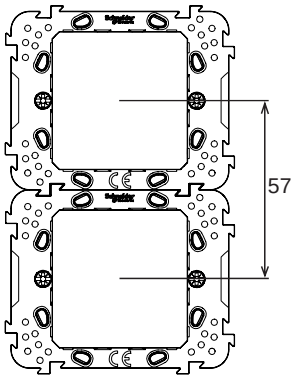
57 mm interaxis fixing frame with long fixed claws (1 gang)



57 mm interaxis fixing frame without claws (1 gang)



57 mm interaxis fixing frame: example of mounting for 2 gang cover frame



Surface mounting boxes

Area of application

● Surface-mounted boxes are used to retrofit premises and homes where it is essential to enlarge or renovate the electrical installation and if costly masonry and paint work is to be avoided.

The Unica offer

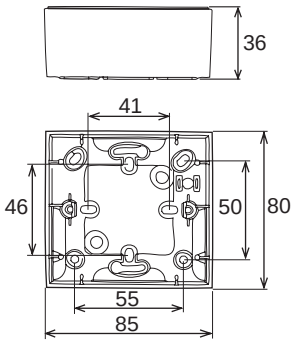
● For Universal and Italian fixing frames.
● For Unica Basic and Unica Colors cover frames with 1, 2 or 3 elements (up to 2, 4 or 6 modules respectively).
● For Unica Allegro cover frames, up to 3 or 4 modules.

Technical and installation data

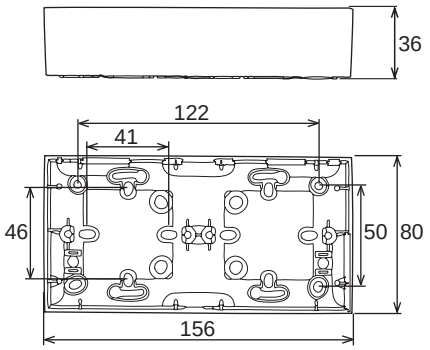
● Surface-mounted boxes are prepared to accommodate an inlet by means of mini-channels.
● They are equipped with pre-cutouts for direct coupling of mini-channels (without adapter) on the 4 sides.
● The dimensions selected for the mini-channels match those of the UNEX and QUINTELA catalogs:
7 x 12, 10 x 16, 10 x 20, 10 x 35 (dimensions in mm).
4 pre-cutouts for direct insertion of 8 mm diameter cables.
● They can be wall-mounted using 4 pins.
● They have perforations at the back so that they can be fixed to a universal box to be flush-mounted and to the old BJC boxes from the “Estrella” series.
● The rear part is equipped with prefabricated slots to facilitate access of cables inside the box.
● Self-extinguishing thermoplastic materials with excellent impact strength and extremely resistant to cleaning products and UV radiation.

Dimensions (mm)

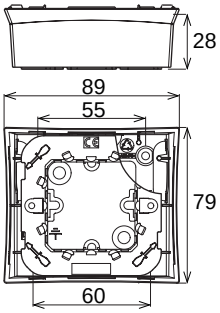
1 gang surface mounting box
(Unica Colors, Unica Basic)



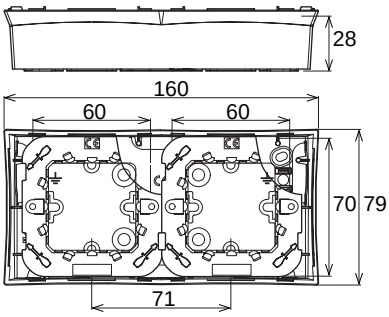
2 gang surface mounting box
(Unica Colors, Unica Basic)



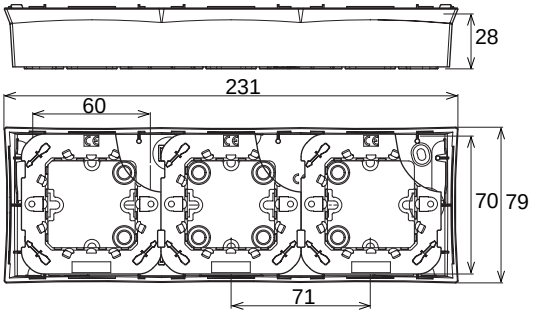
1 gang surface mounting box
with clip-on fixing frame
Unica Top, Unica Plus)



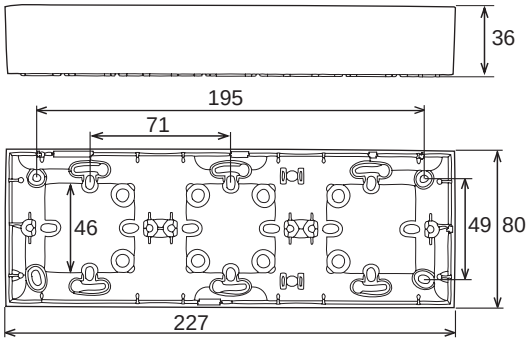
2 gang surface mounting box
with clip-on fixing frame
(Unica Top, Unica Plus)



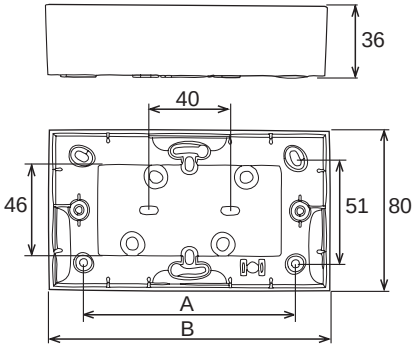
3 gang surface mounting box with clip-on fixing frame (Unica Top, Unica Plus)



3 gang surface mounting box (Unica Colors, Unica Basic)



Italian surface mounting boxes (Unica Allegro)

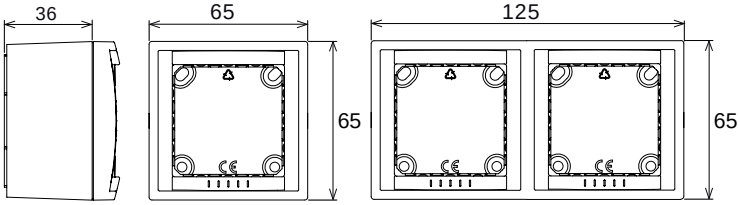


	A (mm)	**B** (mm)
3 modules	82	116
4 modules	104	139

Complete assemblies (Unica Basic, Unica Color)

1 gang surface mounting box
(cover and fixing frame)

2 gang surface mounting box
(cover and fixing frame)



IP55 surface mounting boxes

Area of application

● The IP55 level of tightness of these boxes allows **Unica** devices to be installed on terraces, in gardens, garages, car parks, washing tunnels, camp sites, industrial kitchens, etc. Generally speaking in external or damp environments.

The Unica offer

● **Unica** proposes a double offer of IP55 surface-mounting weatherproof installation systems:
○ IP55 monobloc boxes including the fixing frame,
○ IP55 box cover with fixing frame combinable with IP55 single boxes, IP55 double horizontal and vertical boxes and with triple horizontal boxes.
● All the **Unica** devices can be perfectly clipped on, except for the movement detectors, the key card switches, the cable outlets and the rotary dimmer switches.

Technical data

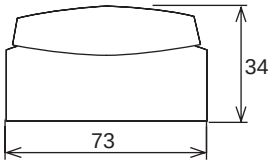
● Tightness level: IP55.
● Impact strength: IK07.
● Cables enter via adjustable membranes.
● Cable inlets are 6 to 21 mm in diameter.
● Easy, quick installation by closing bolts.
● Many wall-mounting points.

Standards

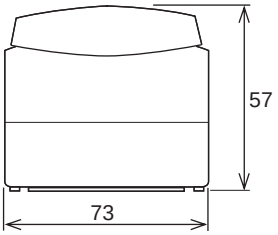
In accordance with EN 60529-91 + E: 93.

Dimensions (mm)

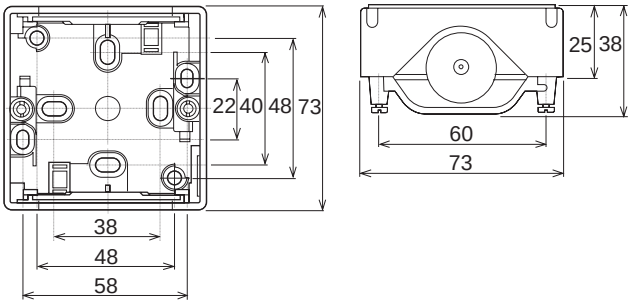
IP55 box cover
with fixing frame



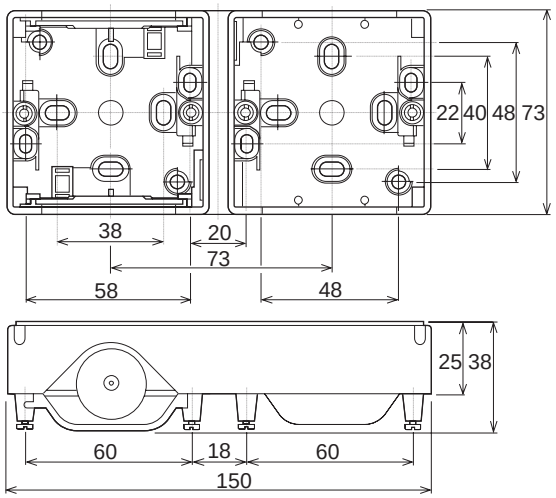
IP55 monobloc box
with fixing frame



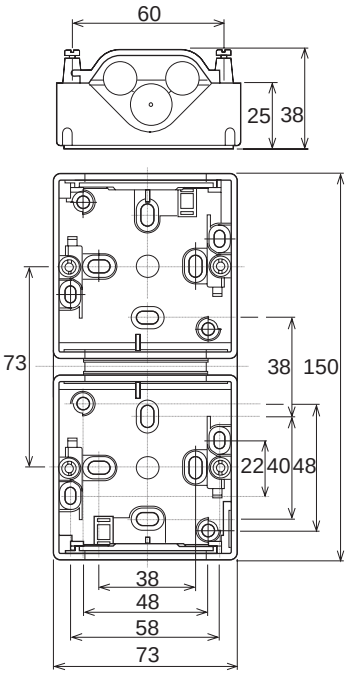
IP55 single box (1 gang)



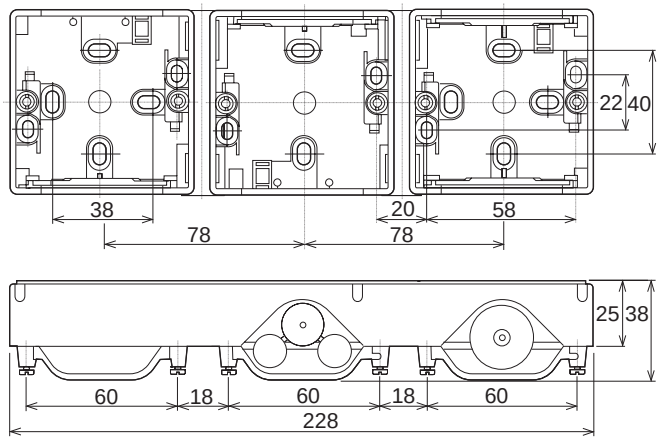
IP55 double horizontal box (2 gang)



IP55 double vertical box (2 gang)



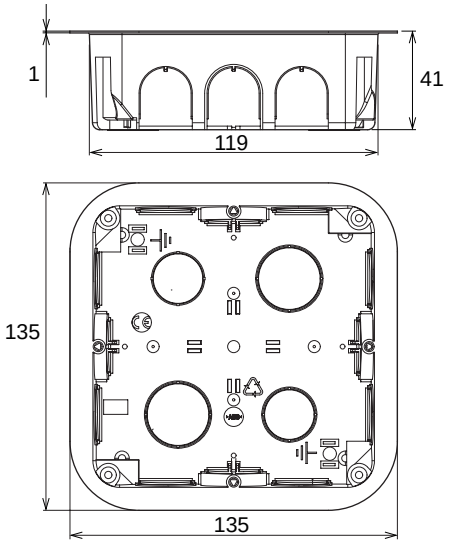
IP55 triple horizontal box (3 gang)



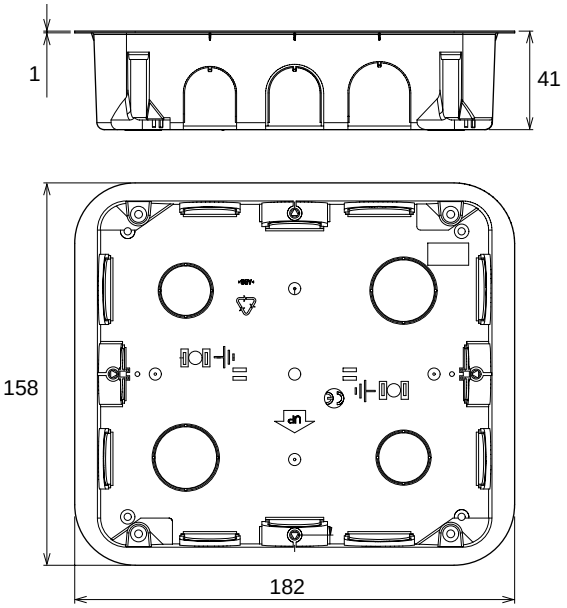
Flush mounting boxes

Dimensions (mm) (Cont'd)

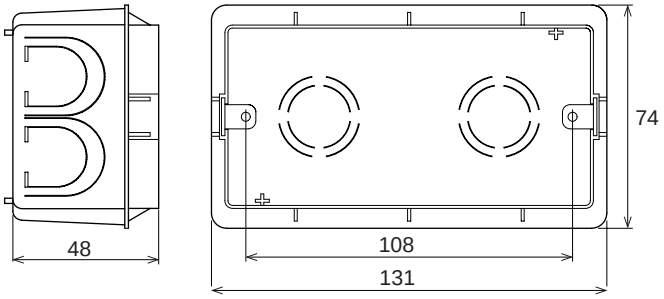
2 x 4 modules flush mounting box



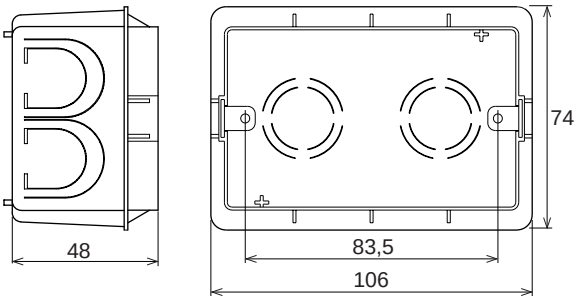
2 x 6 modules flush mounting box



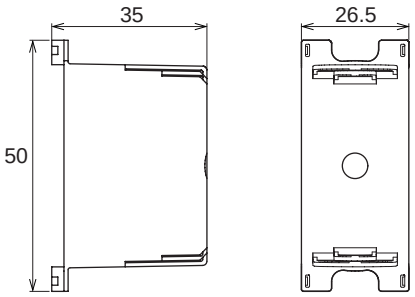
4 modules italian flush mounting box



3 modules italian flush mounting box



Insulated box for thin panels (Unica Top, Unica Basic)



Cover frames

Area of application

● **Unica** Basic to be installed in the universal box.
It is supplied with cover frames with 1 to 4 gang, for mounting in horizontal or vertical position (for vertical mounting, the embellishment supplied with the cover frame must be rotated by 90 °). It is available in 4 colors
● **Unica** Colors to be installed in the universal box.
It is supplied with cover frames with 1 to 4 gang, for mounting in horizontal or vertical position.
○ range of embellishments with 18 possible finishes.
○ 2 mounting directions according to whether the cover frame is installed in horizontal or vertical position. The touch sensitive protrusions must be placed on the bottom part.
● **Unica** Quadro to be installed in the universal box.
It is supplied with cover frames with 1 to 4 gang, for mounting in horizontal or vertical position (for vertical mounting, the embellishment supplied with the cover frame must be rotated by 90 °). It is available in 14 colors.
● **Unica** Allegro to be installed in the rectangular box.
It is supplied with cover frames with 1, 2, 3, 4 or 6 modules.
● **Unica** Top and **Unica** Plus to be installed in the universal box with 1 to 4 gang in horizontal position and 1 to 3 gang in vertical position.
● The **Unica** Top and **Unica** Basic ranges can be mounted, with narrow cover and fixing frames for thin panel.
● The **Unica** Top, **Unica** Plus, **Unica** Colors and **Unica** Basic ranges can be mounted with supplementary frames to cover the irregularities on the wall, for the versions with 1, 2 and 3 gang.

Technical data

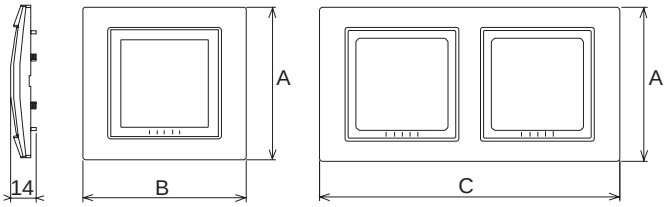
● All **Unica** finishes are resistant to cleaning products and UV radiation.
● Recyclable thermoplastic materials.
● Self-extinguishing thermoplastic materials with excellent impact strength.
● The **Unica Top** range incorporates Zamak cover frames with electroplating and finishes made of natural wood, not deformable, having undergone an anti-fungal treatment.
● Cover frames are mounted by means of rack type guides eliminating wall irregularities in vertical position:
○ when the box remains sunk in to up to 2.5 mm on the wall.
○ when the box projects by 0.75 mm from the wall.

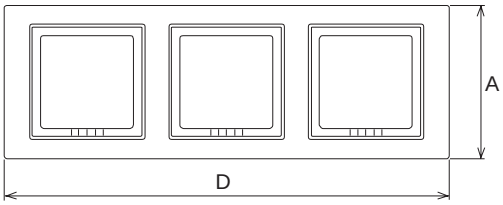
Standards

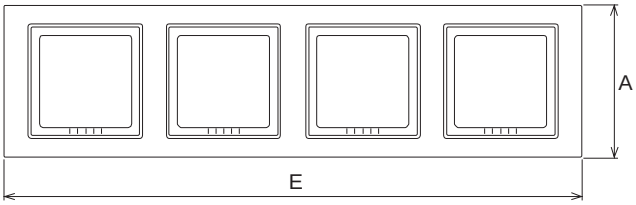
In accordance with EN 60669-1.

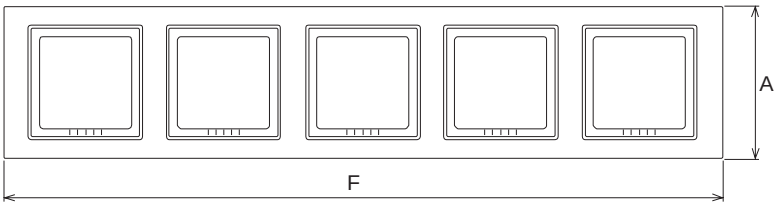
Dimensions (mm)

Unica Basic, Unica Colors and Unica Quadro



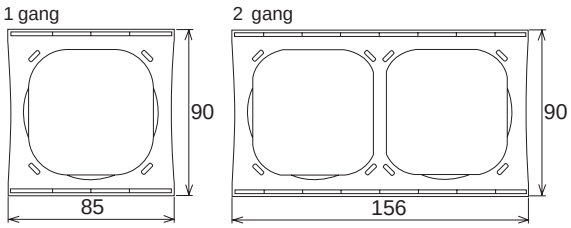


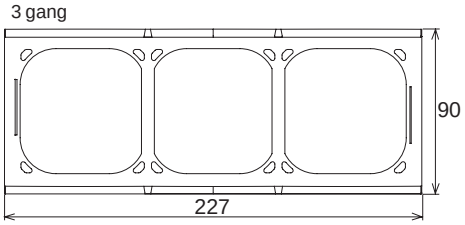




	1 gang	1 gang	2 gang	3 gang	4 gang	5 gang
	A (mm)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**F** (mm)
Unica Basic Unica Colors	80	85	156	227	298	373
Unica Quadro	87	87	158	229	300	

Unica Basic and Unica Colors, Supplementary frames

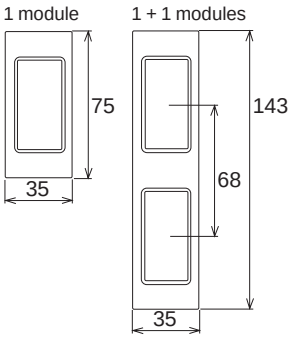




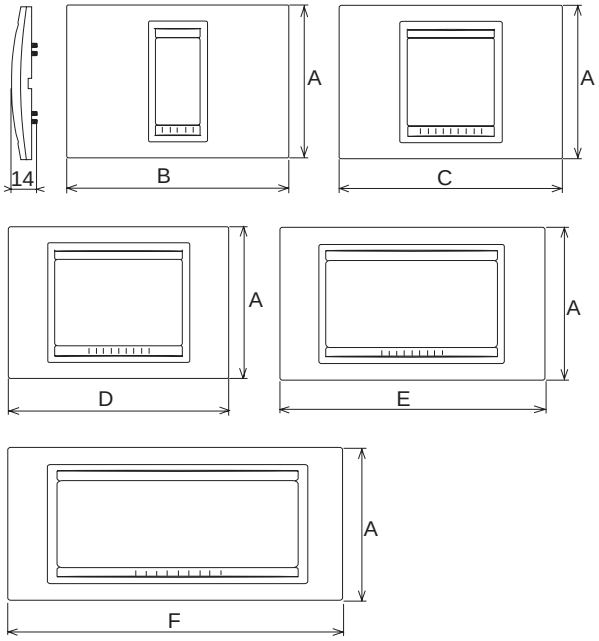
Cover frames (cont'd)

Dimensions (mm) (Cont'd)

Unica Basic, cover and fixing frame for thin panel



Unica Allegro, Quadro

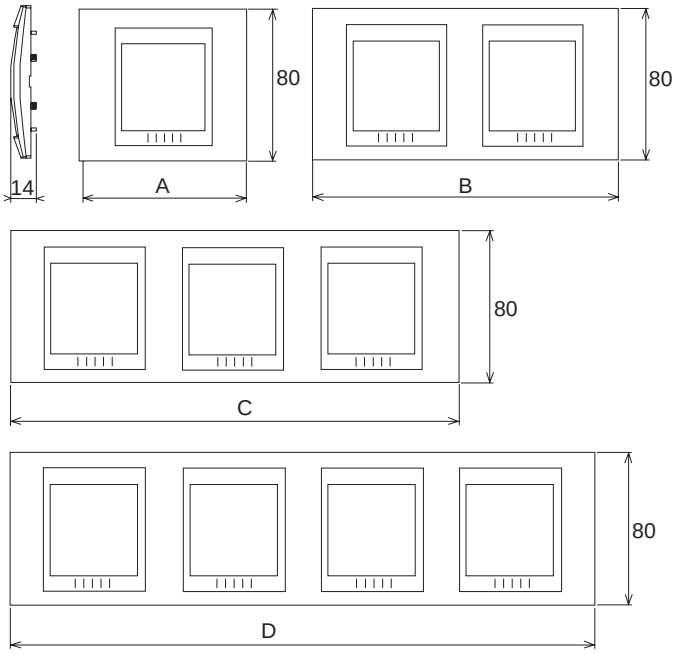


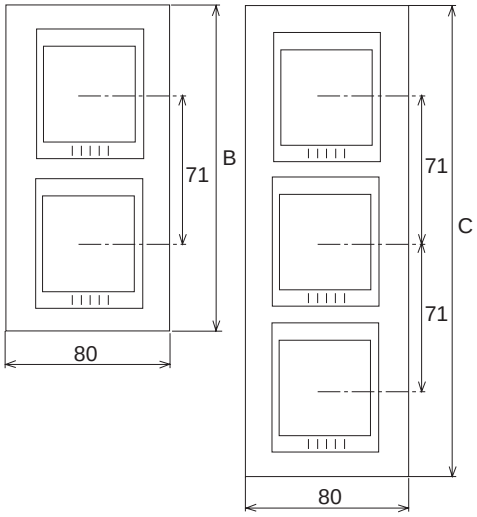
		1 module	2 modules	3 modules	4 modules	6 modules
	A (mm)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**F** (mm)
Unica Allegro	80	116	116	116	139	193
Unica Quadro	87	116	116	116	139	193

Cover frames (cont'd)

Dimensions (mm) (Cont'd)

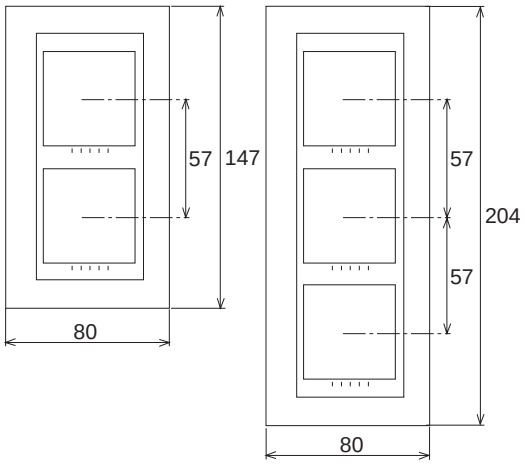
Unica Top and Unica Plus



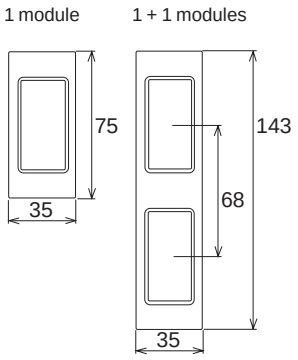


1 gang	2 gang	3 gang	4 gang
A (mm)	**B** (mm)	**C** (mm)	**D** (mm)
90	161	232	303

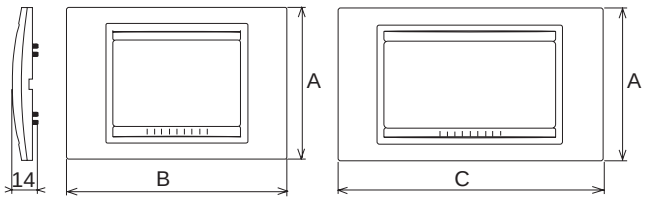
Unica Top and Unica Plus
57 mm interaxis



Unica Top, cover and fixing frame for thin panel



Unica Top and Unica Plus (Italian)



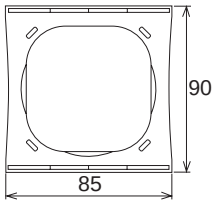
	A (mm)	**B** (mm)	**C** (mm)
3 modules	80	118	
4 modules	80		140

Cover frames (cont'd)

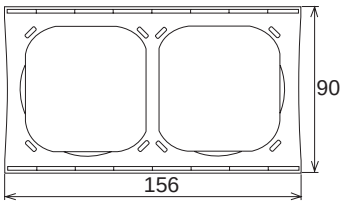
Dimensions (mm) (Cont'd)

Unica Top and Unica Plus, supplementary frames

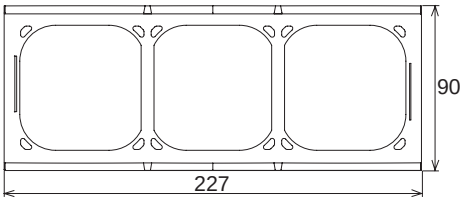
1 gang



2 gang

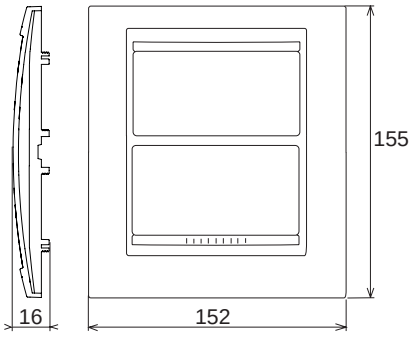


3 gang

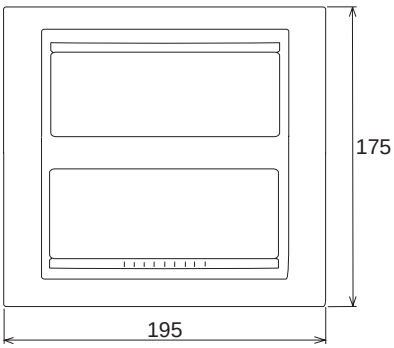


Unica Top and Unica Plus

2 x 4 modules

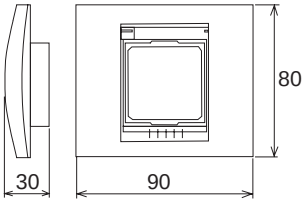


2 x 6 modules



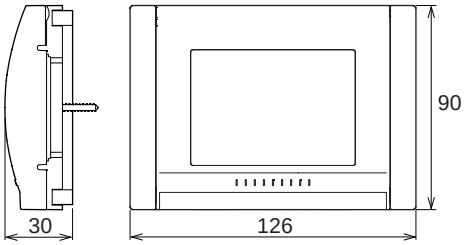
Unica Plus, IP44 cover and fixing frame (with or without claws)

1 gang

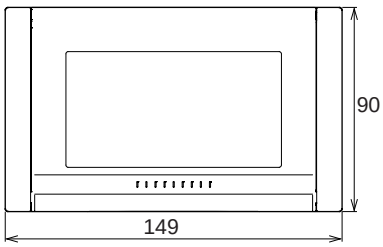


Unica Plus, IP55 cover and fixing frame

3 modules

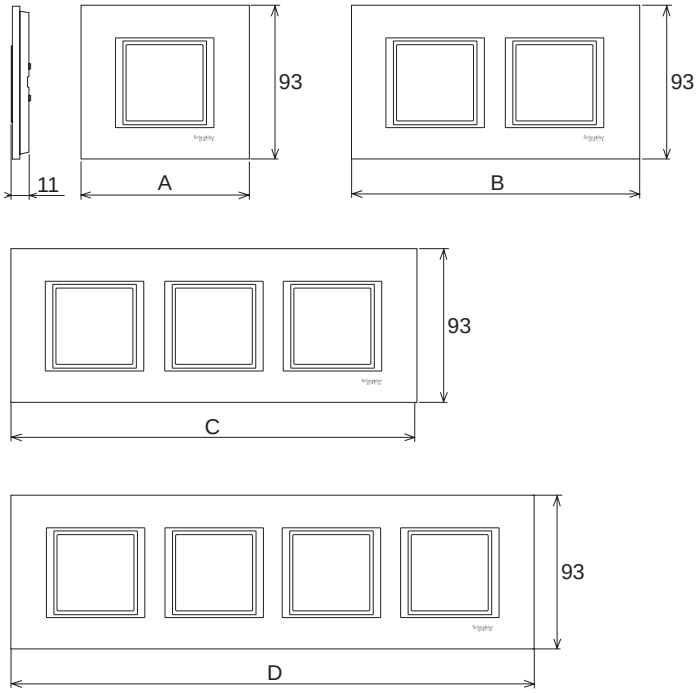


4 modules



Cover frames (cont'd)

Unica Class



1 gang	2 gang	3 gang	4 gang
A (mm)	**B** (mm)	**C** (mm)	**D** (mm)
102	173	244	315

Unica Wireless

UNICA WIRELESS

Wireless comfort

Unica Wireless is a range of wireless products which use radio technology (RF) to exchange information. The products are highly suitable for refurbishment work in residential and small building environments without damaging the walls.
They make it considerably easier and far more pleasant to control lighting and roller blinds in the home. They are simple to install and program.

Scenario 1: Add a switch

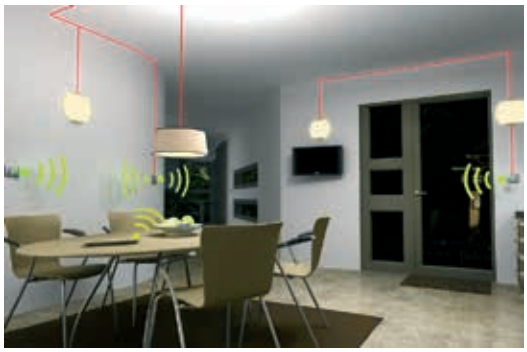
Add a switch beside the bed to switch the bedroom ceiling lamp on or off without getting up.
- Replace the existing switch with a Unica Wireless combined module.
- Stick a new battery-powered push-button onto the wall beside the bed.
- Link them by simple programming.

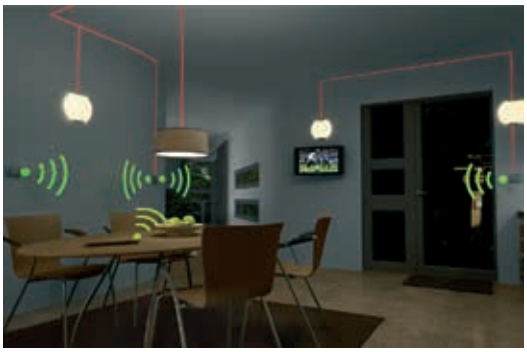
Scenario 2: Create a centralised roller-blind control system

Create a centralised roller-blind control system to open or close all the blinds in the house with just one button.
- Replace each individual roller-blind control with a Unica Wireless roller-blind module.
- Stick a Unica Wireless battery-powered push-button for the centralised control in the required position.
- Link them by simple programming.

Scenario 3: Create lighting scenarios

Create lighting scenarios to change the lighting atmosphere instantly in different rooms:
for watching TV, cooking, etc.
- Replace the existing switches by Unica Wireless combined modules.
If necessary, add mobile socket outlets to connect standard lamps, table lamps, etc.
- Add a battery-powered push-button with the symbols corresponding to the various scenarios.
- Link them by simple programming.

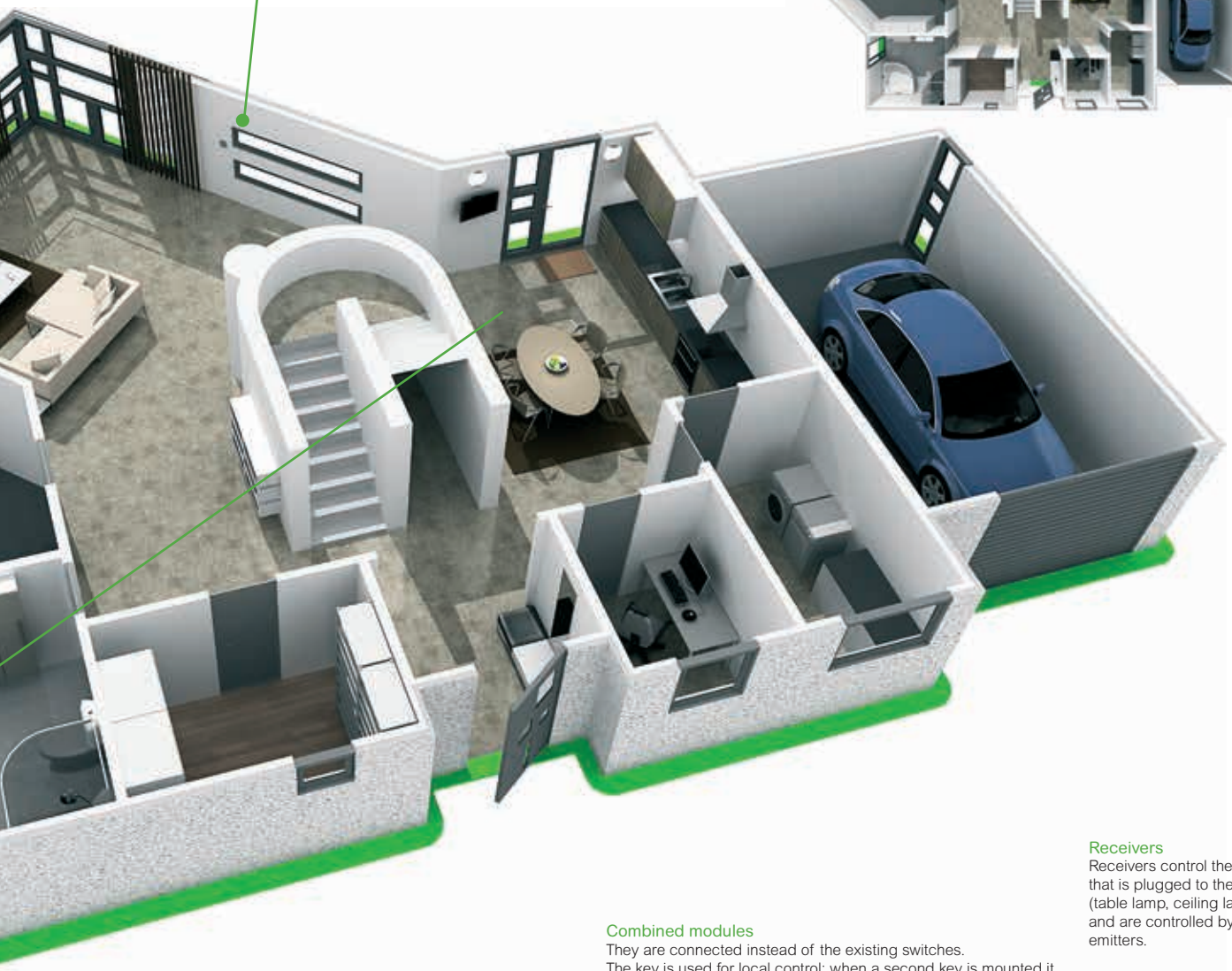




Scenario 4: Control the lighting and roller-blinds in each room

Control the lighting and roller blinds in each room by grouping all the controls together in one place and duplicating them on a remote control.

- Replace the existing switches (light, blinds) by wireless combined modules.
- Stick battery-powered push-buttons in convenient places.
- Add a remote control containing the main functions.
- Link them by simple programming.

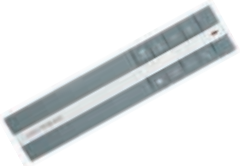


Emitters

Emitters are battery-operated and can be screwed or stuck wherever you wish to add a control point, without connecting them to the mains supply.

Battery-powered push-button

Keyring remote control



Metal remote control

Universal wireless emitter

Combined modules

They are connected instead of the existing switches.
The key is used for local control; when a second key is mounted it can be used as an emitter to pilot another wireless receiver.

Combined relay or dimmer

Combined module for roller-blind

Receivers

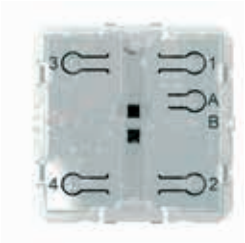
Receivers control the load that is plugged to them (table lamp, ceiling lamp, etc.) and are controlled by the emitters.

Mobile socket-outlet, relay or dimmer

Universal wireless receiver (relay)

A complete range of wireless products

Flexibility



The emitters and combined units can be 1 or 2-key units. They are supplied with a kit of rockers which allow to mount the product with 1 or 2 keys according to the requirements of the application.
The icons are removable and can be easily replaced to match the function of the product.

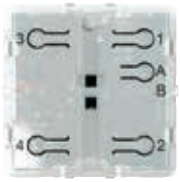
Simplified programming

Emitters and receivers are linked by simple programming.

Battery-powered push-button — Combined module

The rockers can be removed to access the programming keys.

To link wireless products, simply:
- Press the «A» key on the emitter.
- Press the pole (1, 2, etc.) on each emitter.
- Press the «A» key on the receivers.
- Finally, press the «A» key on one of the products.



Personalize

The wireless products are available in 4 different finishings:
- White or Ivory for Unica Basic, Unica Colors and Unica Plus.
- Aluminium or Graphite for Unica Top and Unica Class.

A range designed to be integrated into Unica

The Unica wireless products can be used with Unica Basic, Unica Colors, Unica Plus and Unica Top cover frames for a perfect matching with your home.

Integration of an emitter:
- The emitter is supplied with a flat integrated fixing frame.
- It can be easily glued or screwed on any type of wall.

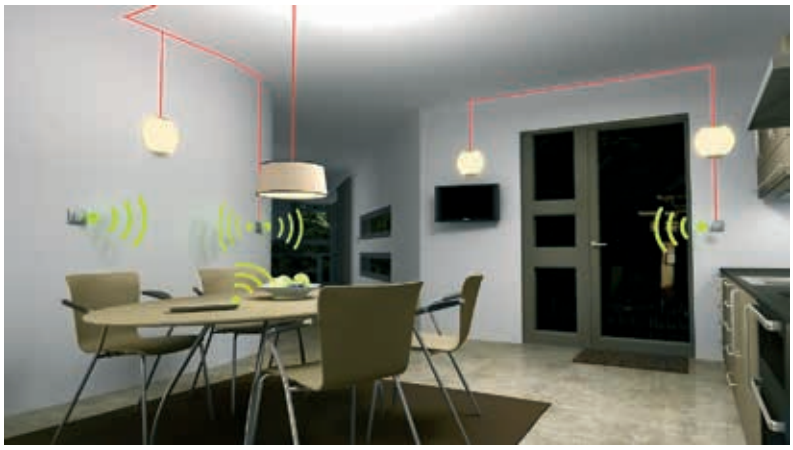
1 emitter + 1 cover frame = 1 Unica wireless solution

Integration of a combined module:

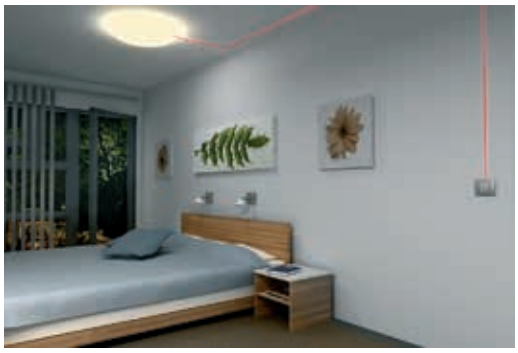
1 fixing frame + 1 combined module + 1 cover frame = 1 Unica wireless solution

Technical advantages

- Unica Wireless products have an outdoor range of 300 m and an indoor range of 10 to 50 m. For battery-powered products, the wireless technology link has been optimised to extend the life of the battery (5 to 7 years, depending on its use).
- There are two possible programming modes:
  - The Control mode is used to set up a link between emitters and receivers for simple control function (on, off, dim).
  - The Scenario mode allows you to link with a particular button the lighting atmospheres you have created.
- The kit of rockers supplied permits to have 1 or 2 keys, depending on the application. It is also a good way to start with a simple application (one key) and then upgrade to a more sophisticated application, by simply moounting 2 keys.
- The symbols on the rockers can be easily removed and replaced.
- The programming is not lost when you change the battery (or during a mains power failure).



Add switches for more comfort



Initial situation
In the bedroom, the ceiling lamp is controlled by a single switch.

Requirement
Add switches to control the lighting from the head of the bed.

The conventional solution
Create a wired two-way switch.

The disadvantages
- Wires, cables and shields have to be drawn through the wall.
- Dust and damaged walls.
- Lengthy, tedious and expensive work.
- ○ Cabling has to be installed (wires, cable, shield).
- ○ Cabling has to be changed.

The Unica Wireless solution
- Replace the existing switch by an Unica Wireless combined module.
- Stick two battery-powered emitters onto the wall beside the bed.
- Link them, using the programming system.

The advantages
- Quick and easy to install.
- No damage.
- Most affordable solution.

Optional functions
- Use a combined dimmer to add the «dimming» function.
- Add a remote control.
- Control bedside lamps from the main switch, by adding a mobile socket outlet.

1

2

Unica Wireless products to be used

Descriptions	References
1 - Combined module (relay or dimmer)	**MGU3.572.XX** **MGU3.573.XX**
2 - Battery-powered push-buttons (Unica Colors and Unica Basic) Battery-powered push-buttons (Unica Top and Unica Plus) Battery-powered push-buttons (Unica Class)	**MGU84.071.XX** **MGU86.071.XX** **MGU88.071.XX**

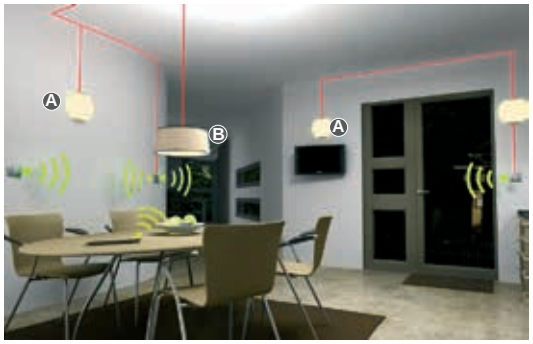
Change of atmosphere

Initial situation

Each light has its own mechanical switch.

Requirement

Create scenarios to control the lighting atmosphere at the touch of a single button.



Scenario 1

«cooking»

A program that can be set to switch on the kitchen and dining lighting at the same time:

A- the kitchen wall light is set to 100%
B- the dinner table ceiling light is set to 100%

Scenario 2

«watching television»

A program that can be set to adapt the lighting for watching television:

A- the kitchen wall light is set to 30%
B- the dinner table ceiling light is set to 40%

Battery-powered push-buttons with set of symbold for scenarios

Scenario 3

«coming home»

A program that can be set to switch on the various lights that have been preset for when you arrive home.

Note: the scenario should always include a function that switches off all the lights.

Scenario 4

«going out/all lights off»

A program that can be set to switch off all the lights.

Optional functions

- Add a remote control.
- Add the roller blind control to a scenario.

Unica Wireless products to be used

Descriptions	References
1 - Battery-powered push-buttons (Unica Colors and Unica Basic) Battery-powered push-buttons (Unica Top and Unica Plus) Battery-powered push-buttons (Unica Class)	**MGU84.071.XX** **MGU86.071.XX** **MGU88.071.XX**
2 - Mobile socket-outlet	**CCT1A0XX**
3 - Combined modules	**MGU3.572.XX** **MGU3.573.XX**
4 - Set of symbols for scenarios	**MGU0.570.XX**
5 - Metal remote control	**CCT1A000**

Centralised roller blind control

Initial situation
Each electric blind has its own individual control. You have to go from one blind to another to close them.

Requirement
Open or close all the roller blinds with just one button.

The conventional solution
Create a wired centralised control system.

The disadvantages
- Wires, cables and shields have to be drawn through the wall.
- Dust and damaged walls.
- Lengthy, tedious and expensive work.
- Cabling has to be installed (wires, cable, shield).

The Unica Wireless solution
- Replace each individual roller blind control by an Unica Wireless roller blind module.
- Stick an Unica Wireless push-button in the required position, for centralised control.
- Link them, using the simplified programming system.

The advantages
- Simple, quick and less expensive to install.
- No damage.
- One of the wireless modules for roller blinds can be used as the centralised control (using the second key).

Optional functions
Add a remote control.

1

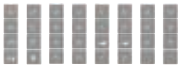
2

3

Unica Wireless products to be used

Descriptions	References
1 - Battery-powered push-buttons (Basic and Colors) Battery-powered push-buttons (Plus and Top) Battery-powered push-buttons (Unica Class)	**MGU84.071.XX** **MGU86.071.XX** **MGU88.071.XX**
2 - Combined module for roller blinds	**MGU3.574.XX**
3 - Metal remote control	**CCT1A000**

Unica Wireless range

Product type	Description	Notes	Reference	Rockers supplied
Emitters				
	Battery-powered push-button	The push-button can control receivers for both light and/ or roller blinds. It can be mounted with one or two keys using the kit of rockers supplied. Can be screwed or stuck; no connection required. Supplied with a 3 V battery.	**MGU84.071.XX** (Unica Colors & Basic) **MGU86.071.XX** (Unica Top & Plus) **MGU88.071.XX** (Unica Class)	
	Universal emitter	The universal emitter transforms any conventional push-button into a wireless emitter. Can be fitted in the flush-mounted boxes behind the push-buttons. Supplied with a 3 V battery. Can control receivers for both light and/or roller blinds.	**CCT1A030**	
	Metal remote control	8 keys that can be programmed in simple or scenario mode. Sleek design and elegant aesthetic. Supplied with batteries and 32 symbols.	**CCT1A000**	
	Keyring remote control	4 keys to program in simple or scenario mode. Convenient design to be used as a keyring or to be placed in the pocket.	**CCT1A010**	
Combined modules (emitters-receivers)				
	Combined module relay (with neutral)	Relay, with neutral, max. 10 A / 2300 W. Can replace an existing switch in a box, minimum 40 mm. Can be fitted with one or two keys, using the kit of rockers supplied. When only one rocker is mounted, it pilots the local load. When a second rocker is mounted, it can pilot remotely other wireless receivers.	**MGU3.572.XX**	
	Combined module dimmer	Universal dimmer **(1)**, without neutral, 20-315 W. Can replace an existing switch in a box, minimum 40 mm. When only one rocker is mounted, it pilots the local load. When a second rocker is mounted, it can pilot remotely other wireless receivers.	**MGU3.573.XX**	
	Combined module roller blind	Relay for roller blinds, max. 3 A / 690 W. Can replace an existing mechanical command for roller-blind. To be installed in a box, minimum 40 mm. Can be fitted with one or two keys using the kit of rockers supplied. When only one rocker is mounted, it pilots the local roller-blind. When a second rocker is mounted, it can pilot remotely other wireless receivers.	**MGU3.574.XX**	

(1) Universal: controls the main types of lamps with dimmable lighting; with auto-detection of the type of lamp.

Unica Wireless range

Product type	Description	Notes	Reference
Receivers			
	Mobile socket-outlet relay German standard	Relay, max. 10 A. Plugs into a fixed socket. With a key for local control (ON/OFF)	**CCT1A020**
	Mobile socket-outlet dimmer German standard	Universal dimmer (1), max. 250 W. Plugs into a schuko fixed socket. With a key for local control (ON/OFF/dimming)	**CCT1A021**
	Mobile socket-outlet relay French standard	Relay, max. 10 A. Plugs into a french fixed socket. With a key for local control (ON/OFF)	**CCT1A022**
	Mobile socket-outlet dimmer French standard	Universal dimmer **(1)**, max. 250 W. Plugs into a french fixed socket. With a key for local control (ON/OFF/dimming)	**CCT1A023**
	Universal receiver relay	Receiver relay, max. 10 A. To be hidden mounted (in a box, minimum 40 mm) or in a false-ceiling.	**CCT1A031**
Accessories			
	Test kit	Two identical products to test the signal strengh between two locations. The led indicates the reception level: green, orange, red. Supplied in a mini-suitcase.	**CCT1A090**

(1) Universal: controls the main types of lamps with dimmable lighting; with auto-detection of the type of lamp.

Detailed presentation of the range

Unica Class & Top: see page 54.
Unica Plus, Colors, Basic: see page 109.

Battery powered push-buttons

MGU84.071.XX - MGU86.071.XX - MGU88.071.XX

Area of application

The Unica wireless battery-powered push-buttons are used to control Unica wireless receivers for both light and roller blinds such as; combined modules and mobile socket outlets.

Technical data

- Transmission frequency: 868 MHz.
- Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Battery: 3 V button battery, CR2032 type.
- Battery life time: depends on use, usually between 5 and 7 years (approximately 20,000 operations at 20°C).
- Operating temperature: - 5°C to + 50°C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Standards

In accordance with:
- EN 61000-6-2, EN 61001-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- R&TTE directive: 99/5/EEC.

Symbols for scenarios

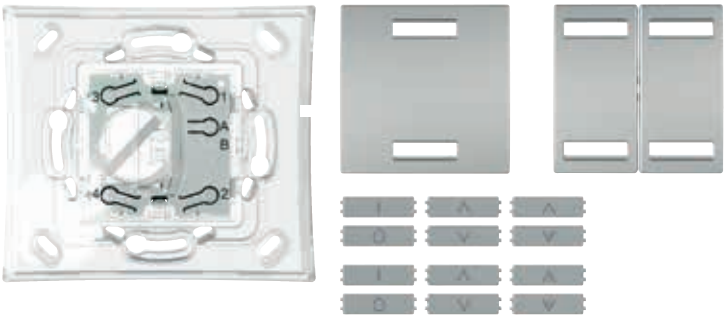
- When this product is used in a scenario mode, you can add symbols to match the function of the product.
- Set of 16 symbols for scenarios.
- Reference MGU0.570.XX.

Advantages

- You can easily convert a wired one-way switch into a two-way switch.
  - Just replace it with a combined relay (or combined dimmer) and add one or more battery-powered push-buttons.
  - The conversion does not require any rewiring or other work that will damage the room (walls, wallpaper, paintwork, etc.). It can all be completed in just a few minutes, without any dust and without moving any furniture.
- It takes just a few moments to add an extra control point.
- You can mount the 2 modules cover on the battery powered push-button device to control one receiver and you can easily replace the 2 modules cover by two 1 module covers to control other receivers.

Installation

- They can be screwed or stucked directly onto the wall (with glue, adhesive tape, etc.); they can be installed anywhere in the house: at the end of the bed, in a corridor and on all types of materials (glass, wood, etc.).
- Each push-button can be programmed in Simple mode or Scenario mode using the supplied set of symbols for t he various functions.

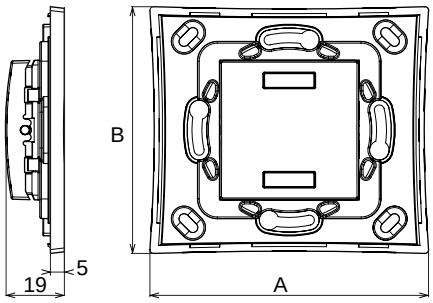


- The Unica wireless battery-powered push-button is supplied with:
  - A CR2032 type lithium battery.
  - 2 narrow covers (1 module covers).
  - 1 large cover (2 modules cover).
  - A set of 12 symbols to customize the covers: 2 symbols «1/0», 2 symbols «dimmer-up/dimmer-down» and 2 symbols «roller blind up/roller blind down, roller blind all-up/all-down»).

Programming

Programming operation follows the same principles as described in the «Unica wireless system» part.

Dimensions (mm)



	A (mm)	**B** (mm)
Unica Colors, Unica Basic	80	80
Unica Top, Unica Plus	90	80
Unica Class	96	88

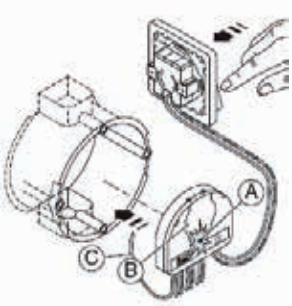
Universal emitter
CCT1A030

Area of application
- The Unica universal emitter is used to convert any push-button (but not the switches) to a wireless emitter.
- It control Unica wireless receivers such as universal receiver relays,combined modules or mobile socket-outlets.

Technical data
- 4 wireless channels for programming in Simple or Scenario mode.
- Transmission frequency: 868 MHz.
- Transmission distance: up to100 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Battery: Lithium battery, CR2032 type (1 battery supplied).
- Battery life time: depends on use, usually between 5 and 7 years (approximately 20,000 operations at 20°C).
- Operating temperature: - 5 °C to + 50 °C.
- Humidity: 20% - 95% without condensation.

Standards
In accordance with:
- EN 61000-6-2, EN 61001-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- R&TTE directive: 99/5/EEC.

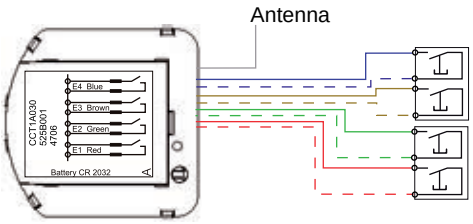
Installation
- The universal emitter is to be hidden-mounted, close to the push-buttons, for example behind the push-buttons in the installation box.
- Metal surfaces close to the transmitter can affect emission. If possible, avoid to install the flush mounted transmitter in a metal box.
- Never install the universal emitter in a flush mounted box where there are 230 V cables.



A: Programming LED
B: Battery location
C: Antenna

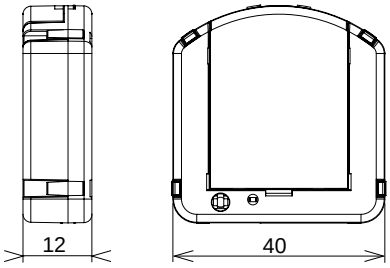
Programming
- Programming operation follows the same principles as a normal battery-powered push-button.
- Each of the four wire pairs represents one side of a rocker.

Connections
- If only 1 function is needed (e.g. on/off), only connect the pairs E1 and E2 to push-buttons.
  - The push-button connected to pair E1 will be used for ON (or dim-up with a long push for a dimmer).
  - The push-buttons connected to pair E2 will be used for OFF (or dim-down with a long push for a dimmer).
- If 2 functions are needed, connect also E3 and E4 to 2 push-buttons.



Input E4: blue and white-blue cables, input E3: brown and white-brown cables, input E2: green and white-green cables, input E1: red and white-red cables.

Dimensions (mm)
- H x W x D : 42 x 40 x 12 mm without cables.
- Cables length: 270 mm.



Metal remote control
CCT1A000

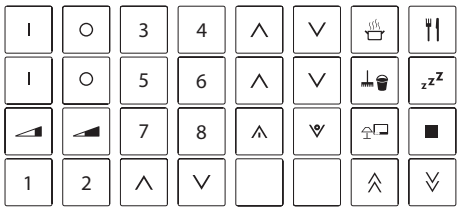
Area of application
● The Unica metal remote control is used to remotely control the Unica wireless receivers and comnined modules.
● Its elegant design and particularly stylish finish makes it a decorative object that can be left in full view on a piece of furniture.

Technical data
● 8 channels which can be programmed in Simple or Scenario mode.
● Transmission frequency: 868 MHz.
● Transmission distance: 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
● Battery: 2 AAA (LR3) batteries (2 batteries supplied).
● Operating temperature: - 5 °C to +50 °C.
● Humidity: 20% - 95% without condensation.
● Protection class: IP 20.

Standards
In accordance with:
● EN 61000-6-2, EN 61001-6-3, IEC60068-2-6, IEC60068-2-27.
● ETS300220-1, ETS300220-2.
● EMC directive: 2004/108/EC.
● R&TTE directive: 99/5/EEC.

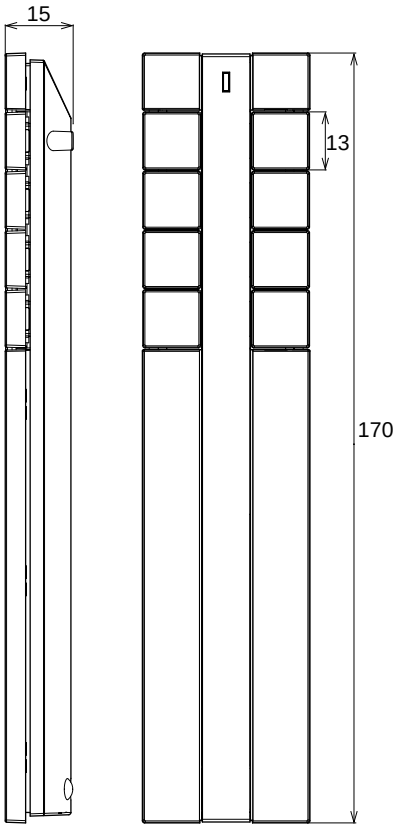
Advantages
● The metal remote control can be customized via its set of 32 keys containing a large number of symbols.
● Its keys can be fitted for vertical or horizontal use to control the lighting and roller blinds.
● The metal remote control is supplied with:
○ 32 keys with symbols.
○ 2 AAA (LR3) batteries.

8 keys to remotely control the lighting and roller blinds



32 keys with symbols to customize the metal remote control

Dimensions (mm)



Keyring remote control
CCT1A010

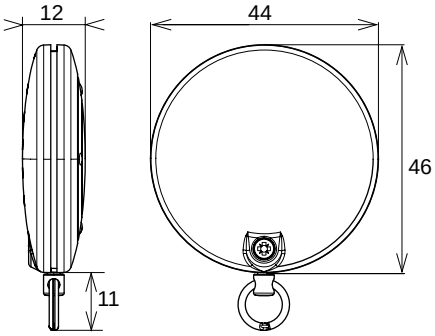
Area of application
● The Unica keyring remote control is mainly designed to remotely control the utilities in a bedroom or office. Each member of the family can have one to control the lights and roller blinds in their room.
● It can also be used to control the outdoor lighting, the garage door or the front gate of the house.

Technical data
● 4 channels which can be programmed in Simple or Scenario mode.
● Transmission frequency: 868 MHz.
● Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
● Battery: 3 V battery, CR2032 type (1 battery supplied).
● Battery life time: depends on use, usually between 5 and 7 years (approximately 20,000 operations at 20°C).
● Operating temperature: - 5 °C to +50 °C.
● Humidity: 20% - 95% without condensation.
● Protection class: IP 20.

Standards
In accordance with:
● EN 61000-6-2, EN 61001-6-3, IEC60068-2-6, IEC60068-2-27.
● ETS300220-1, ETS300220-2.
● EMC directive: 2004/108/EC.
● R&TTE directive: 99/5/EEC.

Advantages
● The keyring remote control is small enough to slip easily into a pocket.
● Its original, ergonomic design ensures that it is convenient and pleasant to use.
● Its metal ring allows it to fit onto a key ring.

Dimensions (mm)

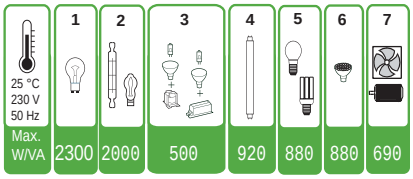


Combined relays
MGU3.572.XX - 2300 W

Area of application
● The Unica wireless combined relays contain both an emitter and a receiver.
● Each combined relay can replace an existing switch to control a lamp locally or remotely (via a battery-powered push-button or via the remote control).

Technical data
● Rated voltage: 110-230 V AC ± 10 %, 50-60 Hz.
● Transmission frequency: 868 MHz.
● Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
● Protection: 10 A fuse.
● Operating temperature: - 5 °C to +50 °C.
● Humidity: 20% - 95% without condensation.
● Protection class: IP 20.

Load table



1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer or with toroidal transformer or with electronic transformer
4 - Fluorescent tubes dia. 28 or 38 mm
5 - Compact fluorescent lamps
6 - LED lamps
7 - Motors and ventilators

Standards
In accordance with:
● EN 60669-1, EN 60669-2-1.
● ETSI EN 300220, ETSI EN 301489.
● EMC directive: 89/336/EEC.
● LVD directive: 73/23/EEC.
● R&TTE directive: 99/5/EEC.

Symbols for scenarios
● When this product is used in a scenario mode, you can add symbols to match the function of the product.
● Set of 16 symbols for scenarios.
● Reference MGU0.570.XX.

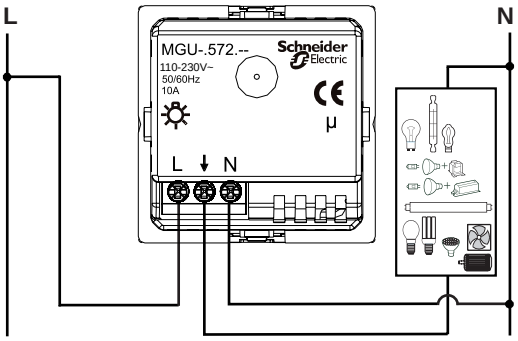
Advantages
● You can easily convert a wired one-way switch into a two-way switch.
Just replace it with a combined relay and add one or more battery-operated push-buttons.
● You can choose to use the combined relays:
○ To control only the connected load, using the large cover (2 modules).
○ To control both the connected load and other Unica wireless receivers such as mobile socket-outlets, using the 2 narrow covers (2 x 1 module covers).

Installation
● The combined relays can be installed:
○ In flush-mounted box at least 40 mm deep with an universal Unica fixing frame with or without claws.
○ In Unica surface-mounted boxes.

● The Unica wireless combined relay is supplied with:
○ 2 narrow covers (1 module covers).
○ 1 large cover (2 modules cover).
○ A set of 8 symbols to customize the covers (2 symbols «1/0» and 2 symbols «dimmer-up/ dimmer-down»).

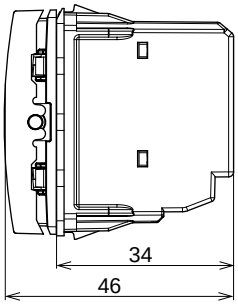
Programming
Programming operation follows the same principles as described in the «Unica wireless system» part.

Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm2.

Dimensions (mm)

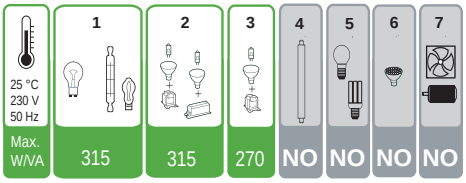


Unica wireless
Technical information
Combined relays
MGU3.572.XX - 2300 W

Area of application
- The Unica wireless combined dimmers contain both an emitter and a receiver.
- Each combined dimmer can replace an existing switch to control a lamp locally or remotely (via a battery-powered push-button or via the remote control).
- They allow to create soft lighting atmospheres and saving energy as they reduce the current supplying the load.

Technical data
- Rated voltage: 230 V AC ± 10%, 50 Hz.
- Transmission frequency: 868 MHz.
- Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Protection: Electronic, protection against overloads, temperature rises, short-circuits and damage from inappropriate loads.
- Operating temperature: - 5 °C to +35 °C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Load table
- Minimum load: 20 W.



1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer or with electronic transformer
3 - Low voltage halogen lamps with toroidal transformer
4 - Fluorescent tubes dia. 28 or 38 mm
5 - Compact fluorescent lamps
6 - LED lamps
7 - Motors and ventilator

Standards
In accordance with:
- EN 60669-1, EN 60669-2-1, EN 61000-6-2, EN 61000-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- LVD directive: 73/23/EEC.
- R&TTE directive: 99/5/EEC.

Symbols for scenarios
- When this product is used in a scenario mode, you can add symbols to match the function of the product.
- Set of 16 symbols for scenarios.
- Reference MGU0.570.XX.

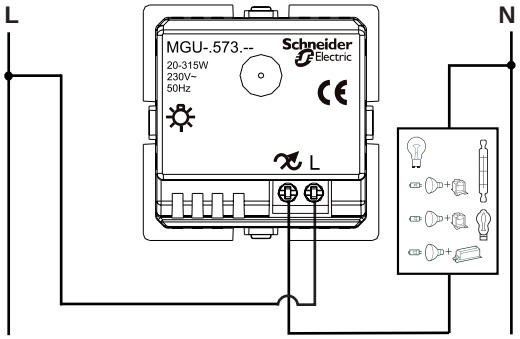
Advantages
- You can easily convert a wired one-way switch into a two-way switch.
Just replace it with a wireless combined dimmer and add one or more battery-operated push-buttons.
- You can choose to use the wireless combined dimmer:
  - To control only the connected load, using the large cover (2 modules).
  - To control both the connected load and other Unica wireless receivers such as mobile socket-outlets, using the 2 narrow covers (2 x 1 module covers).

Installation
- The wireless combined dimmers can be installed:
  - In flush-mounted box at least 40 mm deep with an universal Unica fixing frame with or without claws.
  - In Unica surface-mounted boxes.

- The wireless combined dimmer is supplied with:
  - 2 narrow covers (1 module covers).
  - 1 large cover (2 modules cover).
  - A set of 8 symbols to customize the covers (2 symbols «1/0» and 2 symbols «dimmer-up/ dimmer-down»).

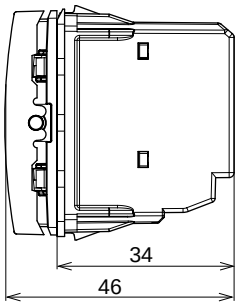
Programming
Programming operation follows the same principles as described in the «Unica wireless system» part.

Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm².

Dimensions (mm)



Combined roller blinds
MGU3.574.XX

Area of application
● The Unica wireless combined roller blinds are used to remotely control the opening and the closing of all the roller blinds in a room (or house).
● They are typically used to create centralisation of roller blinds without new wires or holes.

Technical data
● Rated voltage: 110/230 V AC ±10%, 50-60 Hz.
● Transmission frequency: 868 MHz.
● Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
● Protection: protection against one shot overload with thermofuse and with main fuse 10 A.
● Operating temperature: - 5 °C to +50 °C.
● Humidity: 20% - 95% without condensation.
● Protection class: IP 20.
● Maximum load: 690 W, single phase tubular motors for roller blind (with or without limit switches).

Standards
In accordance with:
● EN 60669-1, EN 60669-2-1.
● ETSI EN 300220, ETSI EN 301489.
● EMC directive: 89/336/EEC.
● R&TTE directive: 99/5/EEC.

Symbols for scenarios
● When this product is used in a scenario mode, you can add symbols to match the function of the product.
● Set of 16 symbols for scenarios.
● Reference MGU0.570.XX.

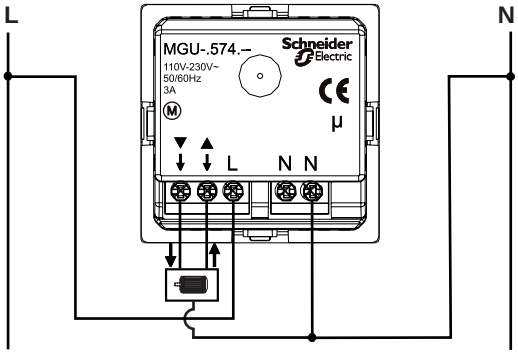
Advantages
● A centralised roller blinds control can be created without any rewiring and requires no repair work: no damaged walls, wallpaper, paint, etc. It can all be completed in just a few minutes, without any dust and without moving any furniture.
● Just replace each existing individual wired control with a Unica wireless combined roller blind module, then add Unica battery-powered push-button for centralised control in the required position.

Installation
● The wireless combined roller blinds can replace an existing mechanical roller blinds control.
● You can choose to use the wireless combined roller blinds:
○ To control locally the connected roller blind, using the large cover (2 modules).
○ To control both; locally the connected roller blind and remotely other roller blinds, using the 2 narrow covers (2 x 1 module covers). Centralised control can therefore be created in just a few minutes.
● The combined roller blinds can be installed:
○ In flush-mounted box at least 40 mm deep with an universal Unica fixing frame with or without claws.
○ In Unica surface-mounted boxes.

● The wireless combined roller blind is supplied with:
○ 2 narrow covers (1 module covers).
○ 1 large cover (2 modules cover).
○ A set of 4 symbols to customize the covers (roller blind up / roller blind down and roller blind all-up/all-down).

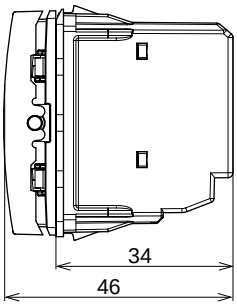
Programming
Programming operation follows the same principles as described in the «Unica wireless system» part.

Connections



Connection terminals: screw connection for cables up to 2 x 2.5 mm².

Dimensions (mm)



Mobile socket-outlet relays

CCT1A020 (german type) - CCT1A022 (french type)

Area of application

- The Unica wireless mobile socket-outlet relays are used to remote control the lamps or devices connected to them.
- They can be linked with the other Unica wireless products by simple programming.
- They are appropriate for use with all standard sockets fitted at home.

Technical data

- Rated voltage: 230 V AC ±10%, 50 Hz.
- Transmission frequency: 868 MHz.
- Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Operating temperature: - 5 °C to +50 °C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Load table

25 °C 230 V 50 Hz	1	2	3	4	5	6
Max. W/VA	2300	1840	1840	1840	1840	1380

1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer or with electronic transformers
3 - Fluorescent tubes dia. 28 or 38 mm
4 - Compact fluorescent lamps
5 - LED lamps
6 - Motors and ventilators

Standards

In accordance with:
- IEC 60669-1, IEC 60669-2-1, IEC 61000-6-2, IEC61000-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- LVD directive: 73/23/EEC.
- R&TTE directive: 99/5/EEC.

Advantages

- You can switch all the lamps connected to a socket on or off in one go.
- The lamps can be operated (switched on, off) locally via the key located on the mobile socket-outlet or remotely by using Unica battery-powered push-button or Unica remote controls.
- You can include your decorative lamps, halogen lamps, etc. in your Scenarios.

French type
mobile socket-outlet relay

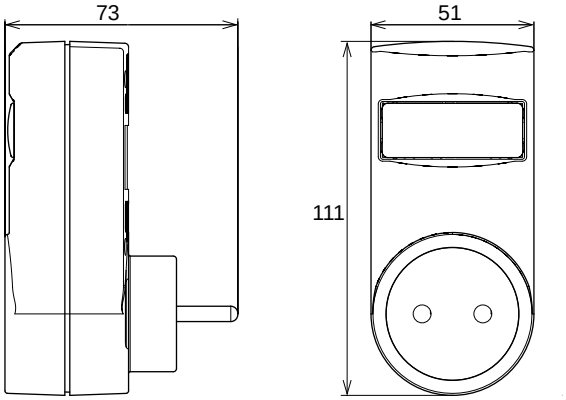
German type
mobile socket-outlet relay

Programming keys

Programming

Programming operation follows the same principles as described in the «Unica wireless system» part.

Dimensions (mm)



Mobile socket-outlet dimmers

CCT1A021 (german type) - CCT1A023 (french type)

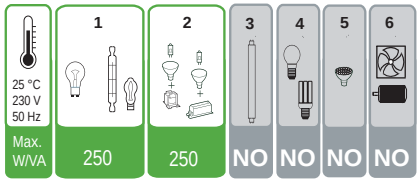
Area of application

- The Unica wireless mobile socket-outlet dimers are used to remote control the lamps or devices connected to them.
- They can be linked with the other Unica wireless products by simple programming.
- They are appropriate for use with all standard sockets fitted at home.
- They allow to create soft lighting atmospheres and saving energy as they reduce the current supplying the load.

Technical data

- Rated voltage: 230 V AC ± 10%, 50 Hz.
- Transmission frequency: 868 MHz.
- Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Protection: electronic, against overloads, temperature rises, short-circuits and damage from inappropriate loads.
- Operating temperature: - 5 °C to +35 °C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Load table



1 - Incandescent lamps or halogen lamps
2 - Low voltage halogen lamps with ferromagnetic transformer or with electronic transformers
3 - Fluorescent tubes dia. 28 or 38 mm
4 - Compact fluorescent lamps
5 - LED lamps
6 - Motors and ventilators

Standards

In accordance with:
- IEC 60669-1, IEC 60669-2-1, IEC 61000-6-2, IEC61000-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- LVD directive: 73/23/EEC.
- R&TTE directive: 99/5/EEC.

Advantages

- You can switch all the lamps connected to a socket on or off in one go.
- The lamps can be operated (dimmed, switched on, off) locally via the key located on the mobile socket-outlet dimmer or remotely by using Unica battery-powered push-button or Unica remote controls.
- You can include your decorative lamps, halogen lamps, etc. in your Scenarios.

French type
mobile socket-outlet dimmer

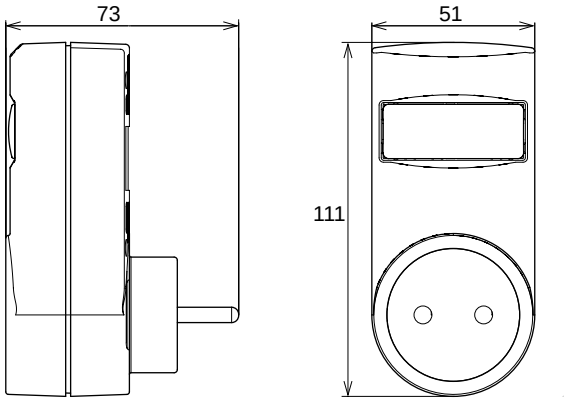
German type
mobile socket-outlet dimmer

Programming keys

Programming

Programming operation follows the same principles as described in the «Unica wireless system» part.

Dimensions (mm)



Unica wireless
Technical information

Universal receiver relay

CCT1A031 - 2300 W

Area of application

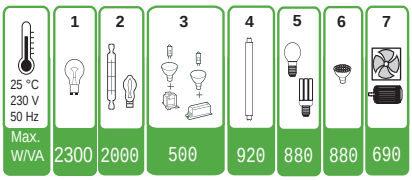
The Unica wireless universal receiver relay is used to switch an electrical load (ceiling lamp, fan, etc.). It receives wireless control orders from wireless emitters or combined modules.

Technical data

- Rated voltage: 127/230 V AC ± 10%, 50/60 Hz.
- Transmission frequency: 868 MHz.
- Transmission distance: up to 100 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Protection: protection against one shot overload with thermofuse and with main fuse 10 A.
- Operating temperature: - 5 °C to +50 °C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP20.

Load table

Minimal load: 5 W.



1 - Incandescent lamps
2 - Halogen lamps
3 - Low voltage halogen lamps with ferromagnetic transformer or with toroidal transformer or with electronic transformers
4 - Fluorescent tubes dia. 28 or 38 mm
5 - Compact fluorescent lamps
6 - LED lamps
7 - Motors and ventilators

Standards

In accordance with:
- EN 60669-1, EN 60669-2-1, EN 61000-6-2, EN 61000-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- R&TTE directive: 99/5/EEC.

Advantages

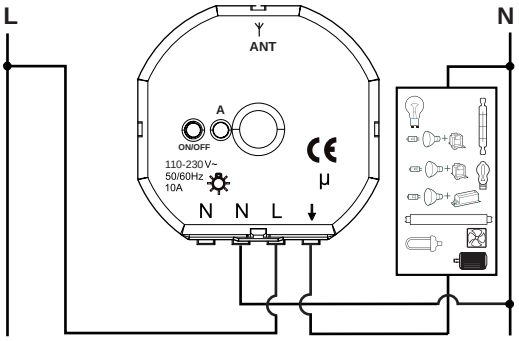
- The universal receiver allows all types of electrical appliances to be remotely controlled.
- It can be hidden in the installation to preserve the aesthetic appearance of the room.
- You can easily separate two lighting points to allow them to be controlled separately.

Just fit a wireless universal receiver at each lighting point, then use Unica wireless products to control them such as; battery-powered push-button, universal emitter or remote control.
- It takes just a few moments to add an extra control point.

Installation

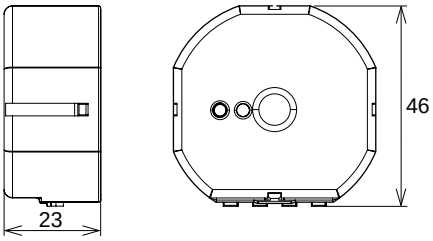
- The universal receiver can be mounted in various ways:
  - Flush-mounted in the ceiling in a box with a minimum depth of 40 mm.
  - Concealed in the base of a ceiling light. A hook can be passed through the hole in the centre to fix the lamp.
  - Concealed in a suspended ceiling.
  - In a flush wall-mounted box, behind a blanking plate.
- Metal surfaces near the receiver may affect reception.
- It is easy to program via the programming keys.
- It has no control button: it can only be remote controlled.

Connections



Dimensions (mm)

- H x W x D : 46 x 46 x 23 mm without cables.
- Cables length: 200 mm.



Test kit
CCT1A090

Area of application
The Unica wireless Test kit is used to test the transmission quality of the radio signal.

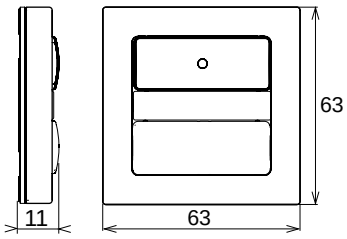
Technical data
- Transmission frequency: 868 MHz.
- Transmission distance: up to 300 m outdoor and typically 10-50 m indoor (depending on the construction material).
- Battery: 3 V battery, CR2032 type, supplied with 2 batteries (one for each testing device).
- Battery life time: depends on use, usually between 5 and 7 years (approximately 20,000 operations at 20°C).
- Operating temperature: - 5 °C to +50 °C.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Standards
In accordance with:
- EN 61000-6-2, EN 61001-6-3.
- ETSI EN 300220, ETSI EN 301489.
- EMC directive: 89/336/EEC.
- R&TTE directive: 99/5/EEC.

Installation
- The Unica wireless test kit is supplied with 2 identical products to be used by pair (1 emitter, 1 receiver).
- Place the Unica test devices in the various rooms where the equipment is to be installed to check the quality of the radio signal link.

3 LED indicate the radio signal reception level (green, orange, red).

Dimensions (mm)



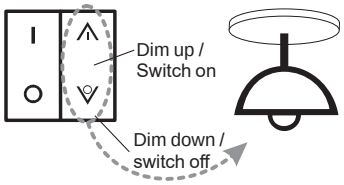
Programming

Introduction

● The Unica wireless system is used for wireless control of lamps and other electrical equipement.
● The system consist of emitters, receivers and combined modules containing both emitters and receivers.
● The Unica wireless products can be programmed and thus linked with 2 different programming modes:
○ Simple mode programming.
○ Scenario mode programming.
● Each time you program a function between an emitter and a receiver you create a link. Unica wireless products can contain up to 32 links, except the combined modules which can contain up to 64 links.

Simple mode

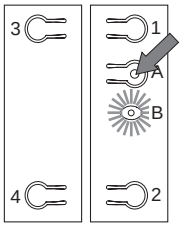
● ”Simple mode” is used to link Unica wireless products for simple functions such as on/off, dim (for receivers with the dimmer function), open/close (for roller blinds).
One or more emitters can be linked to one or more receivers.
● ”Simple mode” is always usind the 2 poles of a key:
○ Top to switch on/dim up/open.
○ Bottom to switch off/dim down/close.



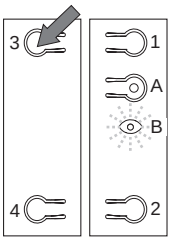
Example of “simple mode” for light dimming

The covers (2 modules or 2 x 1 module) have to be removed to acess to the programming keys and the emitters have to be programmed before the receivers.

Emitter(s) programming



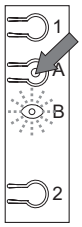
Start the programming by pressing the programming button **A** once.
LED **B** lights up red.



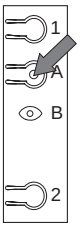
Before 5 s, select the decided pair of keys: Press **3** or **4** to select the left side (it makes no difference whether you press **3** or **4**), or press **1** or **2** to select the right side. LED **B** flashes red.

Repeat this operation on other emitter(s) if needed.

Receiver(s) programming



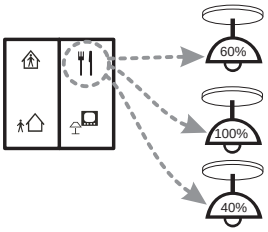
Select the receiver by pressing the programming button **A** once.
Wait until LED **B** flashes red. (after 5 s with a combined module).
Repeat this operation on other receiver(s) if needed.



Finish the programming by pressing programming button **A** of any receiver.
All LEDs are switched off.

Scenario mode

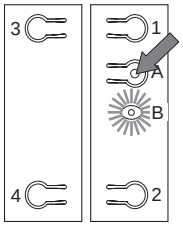
● The Unica wireless system can be programmed to remember various settings, called “Scenario mode”. With a “Scenario mode” you get predefined lighting atmospheres with just one press of a key.
● “Scenario mode” is particularly useful when the receivers are designed as dimmers.
A ”Turn off all” function should be programmed into all “Scenario mode”.
● With a “Scenario mode”, each pole is independant and activates it’s scenario.



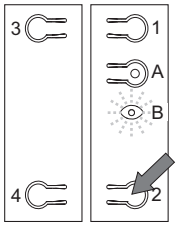
Example of “Scenario mode” for dinner

The covers (2 modules or 2 x 1 module) have to be removed to acess to the programming keys and the emitters have to be programmed before the receivers.

Emitter(s) programming



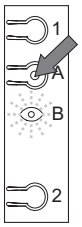
Start the programming by pressing the programming button **A** twice.
LED **B** lights up green.



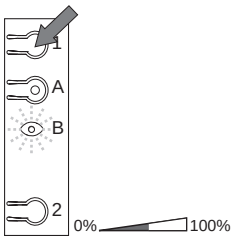
Before 5 s, select a key:
Press **1**or **2** to select the top or bottom part of the right side.
or press **3** or **4** to select the top or bottom part of the left side.
LED **B** flashes green.

Repeat this operation on other emitter(s) if needed.

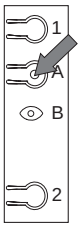
Receiver(s) programming



Select the receiver by pressing the programming button **A** once.
Wait until LED **B** flashes green. (after 5 s with a combined module).



If the receiver has a dimmer function, set the desired level using buttons **1** or **2**.
If the receiver has a relay function, set the state you want (on/off) by pressing the same buttons.
LED **B** lights up red for the first 5 s and then flashes green.

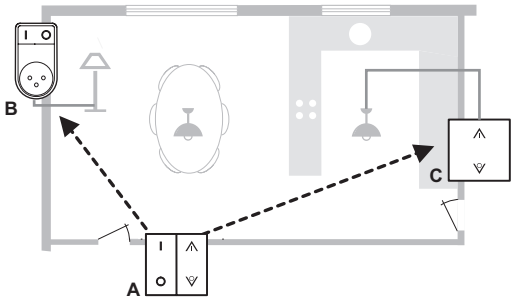


Finish the programming by pressing programming button **A** of any receiver.
All LEDs are switched off.

Repeat this operation on other receiver(s) if needed.

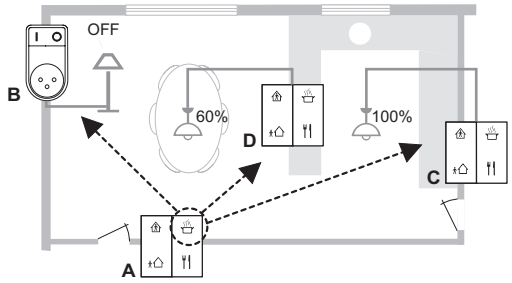
Programming examples (cont'd)

"Simple mode" example

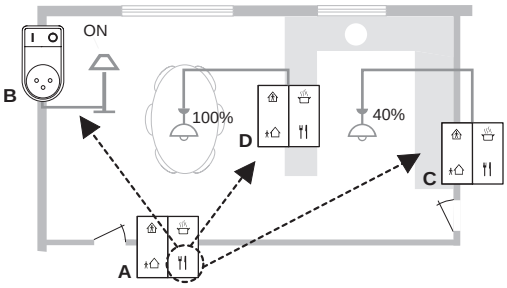


The battery-powered push-button **A** can control:
- With the left key, the lamp connected to the mobile socket-outlet **B**.
- With the right key, the ceiling lamp in the kitchen connected to the combined dimmer **C**.

"Scenario mode" example



The battery-powered push-button **A** contain 4 Scenario programs.
When the family wants to prepare food, pressing the "food preparation" symbol will cause:
- The lamp connected to the mobile socket-outlet **B** to be turned off.
- The ceiling lamp above the dinning table connected to the combined dimmer **D** to be adjusted to 60%.
- The ceiling lamp in the kitchen connected to the combined dimmer **C** to be set to 100%.



In the same way, pressing the "eating" symbol causes:
- The lamp connected to the mobile socket-outlet **B** to be switched on.
- The ceiling lamp above the dinning table connected to the combined dimmer **D** to be adjusted to 100%.
- The ceiling lamp in the kitchen connected to the combined dimmer **C** to be set to 40%.

Finally, when you press the "I'm home" symbol, all lamps are switched on at full strength; when you press the "I'm leaving" symbol, everything is switched off.

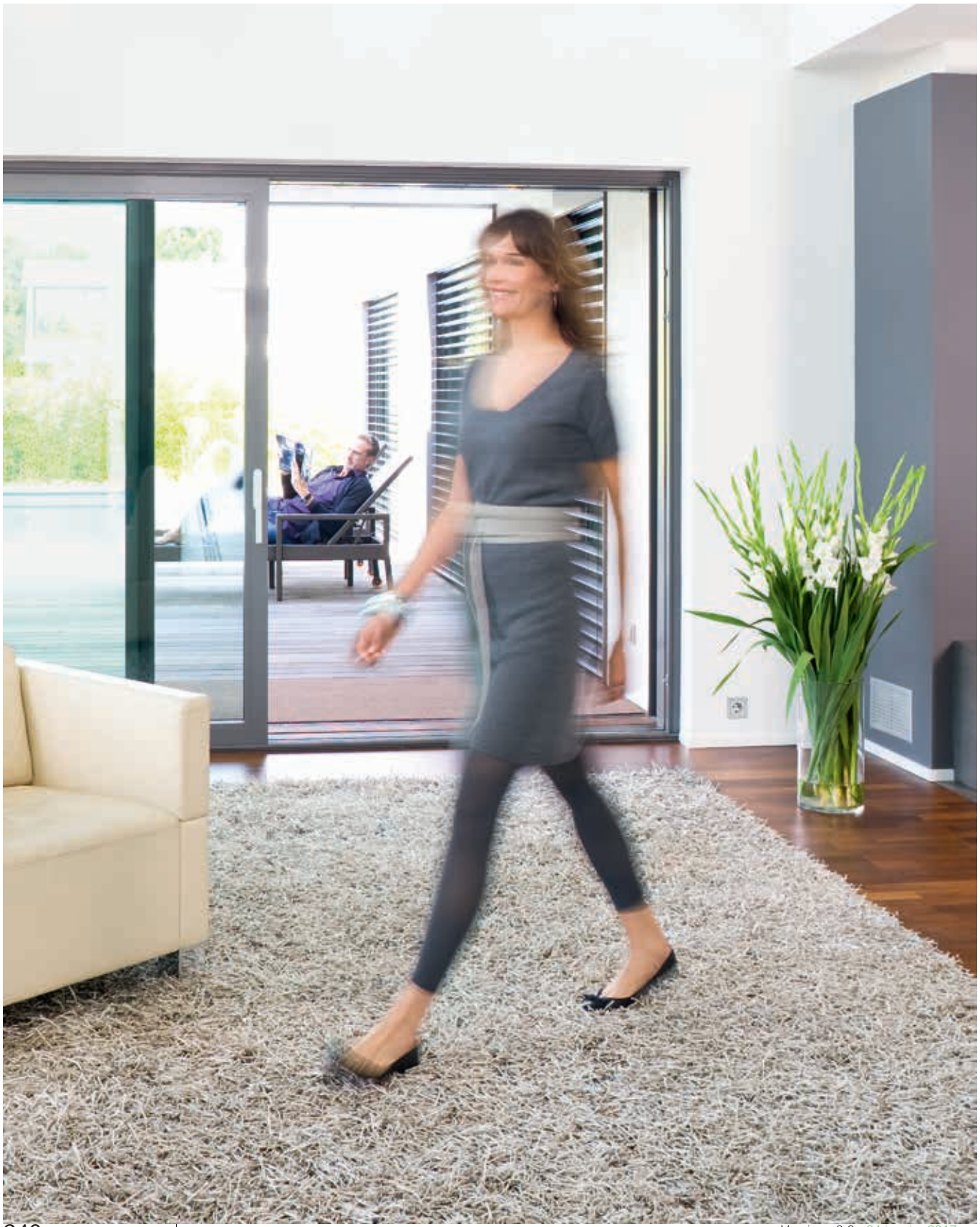
Unica
for KNX system

Version : 8.0 - 24 janvier 2017
ISC01064EN

Greater flexibility and comfort, better energy efficiency with KNX

More and more electronic appliances are needed for modern comfortable homes that contain everything from computers to home cinemas. Does this mean simply increase electricity consumption despite rising energy costs?
A better, faster, cheaper and cleaner solution is to use energy more efficiently. This is not only better for the environment but for your wallet too.

Intelligent and good looking home



Version : 8.0 - 24 janvier 2017
ISC01064EN

Connect Unica to your KNX system!

Reading in your favourite armchair in the evening, watching TV on the sofa or dining with family or friends is all the more comfortable if you don't have to get up to switch each light, lamp or thermostat on or off individually.
By setting up individual scenes – for instance using a Unica multi-function push-button – you can combine a wide range of different functions. Once a scene has been created, it can be started at the push of a button – to create a suitable light mood when watching TV or reading for instance or when leaving the house in the morning. If, when doing so, you want the blinds to be raised, the lights switched off and heating turned down, you can activate the «Not at home» scene and all functions will be executed automatically.

Push-button
- Can be used to control lights or roller blinds.
- The system can be used to control lights and roller blinds according to the sunlight when coupled with a sensor.

IR push-button
- Can be used to control lights or roller blinds.
- Can be controlled by KNX IR remote control.

Automatic lighting control
- Can activate roller blinds or lights
- The system can be used to control lights and roller blinds according to movement detection in corridors, staircases.

Individual heating control
- Presence-dependent room heating.
- Heat is supplied automatically at the exact time required and individually via controllable room temperature control units. No need to turn the radiators up and down manually.

Don't worry: if you forget to do it, the KNX system will remember to do it for you.

Interested by the intelligent system? See KNX catalog

Unica KNX range

Product type	Description	Notes	Range	Colour	Reference
	Push-button, 2 buttons and 2 blue status LEDs, with screwless bus connecting terminals	The status LED is located under the symbol window which can be taken off.	Class, Top	aluminium	**MGU3.530.30**
				graphite	**MGU3.530.12**
			Plus, Colors, Basic	white	**MGU3.530.18**
				ivory	**MGU3.530.25**
	Push-button, 4 buttons and 4 blue status LEDs, with screwless bus connecting terminals	The status LED is located under the symbol window which can be taken off.	Class, Top	aluminium	**MGU3.531.30**
				graphite	**MGU3.531.12**
			Plus, Colors, Basic	white	**MGU3.531.18**
				ivory	**MGU3.531.25**
	Push-button, 2 buttons, blue status LED and Infra Red (IR) receiver, with screwless bus connecting terminals	The status LED is located under the symbol window which can be taken off. The functions of each of the button can be triggered using an IR remote control. The push-button is pre-programmed for operation with a Schneider Electric IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons.	Class, Top	aluminium	**MGU3.532.30**
				graphite	**MGU3.532.12**
			Plus, Colors, Basic	white	**MGU3.532.18**
				ivory	**MGU3.532.25**
	Infra Red (IR) remote control for IR push-button receiver		Class, Top, Plus, Colors, Basic	black	**MTN570222**
	Movement detector		Class, Top	aluminium	**MGU3.533.30**
				graphite	**MGU3.533.12**
			Plus, Colors, Basic	white	**MGU3.533.18**
				ivory	**MGU3.533.25**
	Room temperature control unit		Class, Top	aluminium	**MGU3.534.30**
				graphite	**MGU3.534.12**
			Plus, Colors, Basic	white	**MGU3.534.18**
				ivory	**MGU3.534.25**

Detailed presentation of the range

Unica Class, Unica Top: see page 57.
Unica Plus, Unica Colors, Unica Basic: see page 112.

Push-buttons

Depending on the push-button, you have either two or four operating surfaces available to which you assign different functions via the ETS.
For example, you can:
- Switch and toggle
- Dimming
- Control blinds
- Save and retrieve scenes
- Call up linear regulator functions
- Save edge functions

If required, you can disable the buttons and define the type of disabling.
The push-button with an IR receiver will allow you to operate each push-button by IR remote control as well.

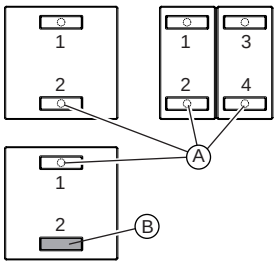
Technical data

- Power supply: DC 24 V
- KNX connection: bus connecting terminal
- Display elements:
  - Status LEDs
  - 1 programming LED
- Operating elements:
  - Control keys
  - 1 programming button
- Ambient operating temperature: -5 °C to +45 °C
- IR receiver:
  - Angle of reception: approx. 60°
  - Reception range: Dependent on the IR remote control used
- IR channels: 9
- Type of protection: IP 20
- Initialisation: The device is ready for operation after 5 to 10 seconds.

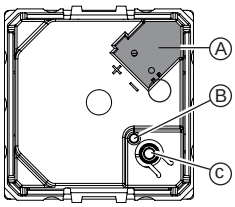
Software functions

- Switching, toggling
- Dimming (single/dual-surface)
- Blind (single/dual-surface)
- Pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation)
- Pulse edges with 2-byte telegrams (distinction between short and long operation)
- 8-bit linear regulator
- Scene retrieval
- Scene saving
- Disable functions.

Connections, displays and operating elements

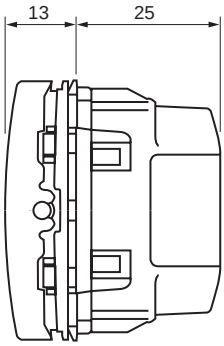


Ⓐ Status LEDs
Ⓑ IR receiver (no status LED)
1-4: Button assignment in the ETS



Ⓐ Bus connection
Ⓑ Programming LED
Ⓒ Programming button

Dimensions



Movement detector

Area of application

- Movement detector for indoors.
- The movement detector detects moving heat sources, (e.g. people), within a radius of 180° and up to a distance of approx. 9 m at an mounting height of 2.15 m.
- The range refers to average conditions for the specified mounting height and is therefore a guide value. The range and sensitivity can vary greatly when the temperature fluctuates.
- When a movement is detected, a defined data telegram is transmitted. The rotary switch for detection brightness is used to regulate from which ambient brightness level at which movements should be detected. Here, values between 10 and 1000 lux are possible (in the ETS value from 10 to 2000 lux are possible). The range and the overshoot time can be set at two further rotary switches.
- The movement detector also has two movement sensors. You can set their sensitivity and range sector-specifically in the ETS.
- The movement detector has an integrated bus coupler and its power is supplied via KNX.

Technical data

- Angle of detection: 180°
- Number of movement sensors: 2, sector-orientated, adjustable (ETS)
- Recommended mounting height: 1 m to 2,5 m
- Range: at 2.15 m mounting height, approx. 9 m on all sides, adjustable in 10 steps (rotary switch or ETS)
- Detection brightness: infinite setting from approx. 10 lux to approx.1000 lux (rotary switch) or from 10 lux to 2000 lux (ETS)
- Overshoot time: adjustable in 6 steps from approx. 1 s to approx. 8 min (rotary switch) or adjustable from 1 s to 255 hours (ETS)

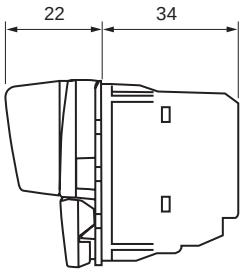
Standards

EC guidelines: Low-voltage guideline 2006/95/EEC and EMC guideline 2004/108/EC.

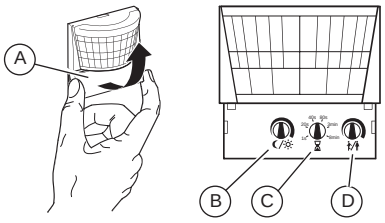
Software functions

Five movement blocks: up to four functions can be triggered per block. Telegrams: 1 bit, 1 byte, 2 bytes.
Normal operation and surveillance operation, master, slave, safety pause, disable function. Sensitivity, brightness and staircase timer can be set using the ETS or the potentiometer. Two movement sensors: the sensitivity and range can be set separately for each sensor. Self-adjusting staircase timer.

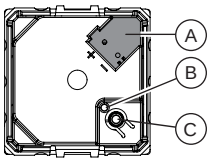
Dimensions



Connections, displays and operating elements



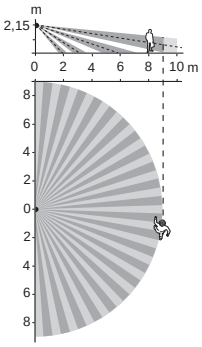
Ⓐ Cover
Ⓑ Setting the detection brightness
Ⓒ Setting the overshoot time
Ⓓ Setting the range



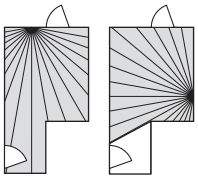
Ⓐ Bus connection
Ⓑ Programming LED
Ⓒ Programming button

Use

- Observe the area of detection: Any mounting height which deviates from this will affect the range.



- Install the movement detector laterally with respect to the direction of movement so that the beam paths are intersected as vertically as possible.
- Only mount the movement detector in positions which allow the required area to be monitored optimally.



- In order to ensure continuous monitoring, e.g. of a long hall, the areas of detection have to intersect.
- Movement detectors can detect all objects that radiate heat. You should select an installation site that will not result in undesired heat sources being detected, such as:
  - switched-on lights in the area of detection
  - open fires (such as in fireplaces)
  - windows where the influence of alternating sunlight and clouds could cause rapid changes in temperature.
  - larger heat sources (e.g. cars), that are detected through windows.
  - sunlit rooms with reflecting objects (e.g. the floor), which can be the cause of rapid changes in temperature.
  - windowpanes heated up by sunlight
  - dogs, cats, etc.
- Install movement detectors in a wind-resistant switch box: With switch boxes and pipe cabling systems, a draught at the back of the equipment could trigger the movement detector.
- Avoid direct sunlight. This can destroy the sensor in extreme cases.

KNX room temperature control unit

Area of application

The Room temperature control unit with display (referred to as Controller from here on) can be used for heating and cooling with infinitely variable KNX valve drives or for controlling switch actuators and heating actuators.

Technical data

- Power supply: via KNX
- Power consumption: approx. 9 mA
- Connection: bus connecting terminal
- Display elements: 1x display
- Operating elements: 4 push-buttons
- Measuring range: 0 to 40 °C
- Measuring accuracy: ± 1 K, depending on installation site; offset can be parameterised
- Operating temperature: -5°C to +45°C
- Controller type:
  - 2-step
  - Continuous PI controller
  - Switching PI controller (PWM)
- Controller mode:
  - heating with 1 controller output
  - Cooling with 1 controller output
  - Heating and cooling with
  - separate controller outputs
  - 2-step heating with
  - 2 controller outputs
  - 2-step cooling with
  - 2 controller outputs
- Type of protection: IP 20
- EC guidelines:
  - Low-voltage guideline 2006/95/EEC
  - EMC directive 2004/108/EEC

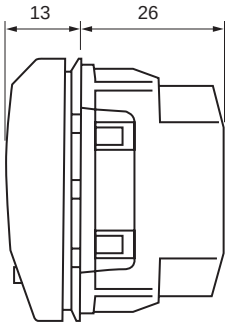
Software functions

Functions of the room temperature control unit:

- Controller type: 2-step control, continuous PI controller, switching PI controller (PWM)
- Output: continuous in the range 0 to 100% or switching ON/OFF
- Controller mode:
  - Heating with one controller output
  - Cooling with one controller output
  - Heating and cooling with separate controller outputs
  - Heating and cooling with one controller output
  - 2-step heating with 2 control outputs
  - 2-step cooling with 2 control outputs
  - 2-step heating and cooling with 4 control outputs
- Operating modes: Comfort, comfort extension, standby, night reduction, frost/heat protection
- Move all setpoints, save all setpoint temperatures and operating modes when reset, external temperature monitoring, additional output of the control value as 1 byte value on the PWM.
- Monitoring function for the actual temperature, valve protection function.

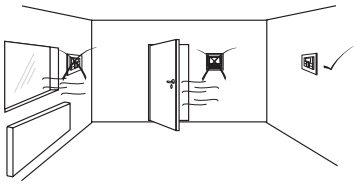
Functions of the push-buttons:
Selection of 1- 4 operating modes each push-button. Move setpoint.

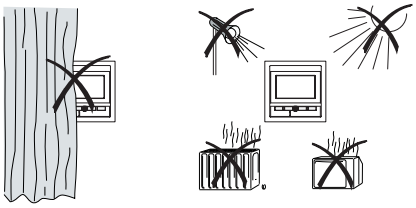
Dimensions



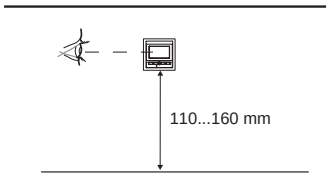
Use

KNX Room temperature control unit with display and 4 buttons. 2 buttons allow to shift set values and change operation modes, the other 2 buttons are used for navigation in the menu. The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day (external trigger), display mode, time, switching times and brightness of the display.

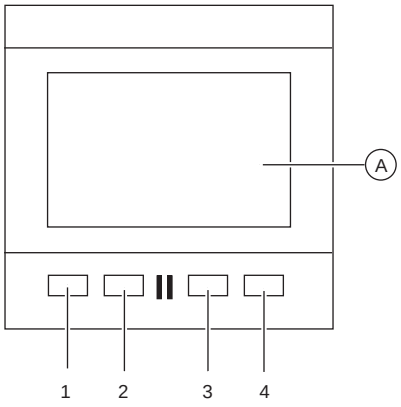




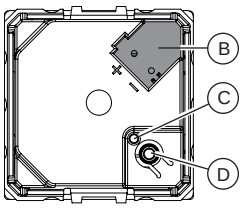
Sources of interference



Connections, displays and operating elements



1 + 4: Menu navigation push-buttons
2 + 3: Push-buttons
Ⓐ Display



Ⓑ Bus connection
Ⓒ Programming LED
Ⓓ Programming button

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