

Unica

Catalogue 2016





P113219

Unica Class



P113192

Unica Top



P86303

Unica Plus



P84932



Appearance counts

Unica Quadro



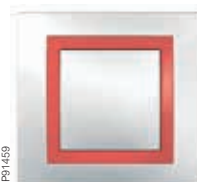
PI04530

Unica Allegro



PR05338

Unica Colors



PR14559

Unica Basic



PR05055



Contents

Presentation

Unica ranges overview	6
Solutions for comfort, communication, safety and energy-saving	8
Unica for KNX system	16
Comprehensive functionalities	22
Two installation architectures	24
The modularity system	26
Technical benefits	28

Unica Class, Top

Presentation	30
Inserts	32
Wireless inserts	56
KNX inserts.	59
Fixing frames and boxes	61
Unica Class aesthetics and cover frames	62
Unica Top aesthetics and cover frames	72

Unica Plus, Quadro, Allegro, Colors, Basic

Presentation	82
Inserts	86
Wireless inserts	113
KNX inserts.	116
Fixing frames and boxes	118
Unica Plus aesthetics and cover frames	120
Unica Quadro aesthetics and cover frames	132
Unica Allegro aesthetics and cover frames	138
Unica Colors aesthetics and cover frames	144
Unica Basic aesthetics and cover frames	150

Technical information

(excluding Unica Wireless and KNX)	155
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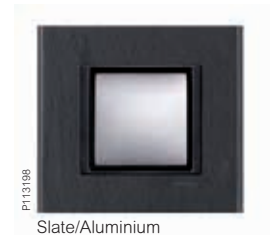
Unica Wireless

Presentation	214
Scenarios.	218
Quick-selection guide	222
Technical information.	224

Unica KNX

Presentation	238
Quick-selection guide	242
Technical information.	243

Reference numbers	246
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P113198

Slate/Aluminium



P113195

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 ochre-colored 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 transparency 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!



P86022

Tobacco/Aluminium



P86324

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, minimalistically modern look. In sparkling red or aesthetic silver. Make a statement: Every spot in your home is worth design attention.



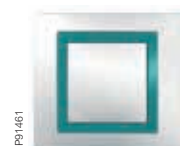
Unica Allegro

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.



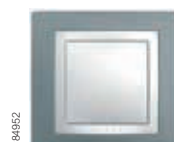
Unica Colors

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



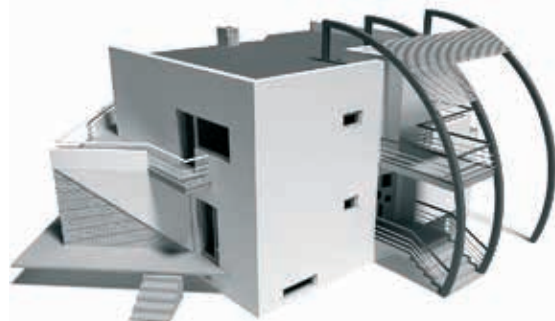
Unica Basic

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 sensuous comfort? And – at the tip of your finger, getting energy-saving.



P105683

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.



P105650

Wireless push-button for scenarios



P104878

Remote control



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.

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.



P105652

Weekly programmable thermostat



P105346

Staircase



Time delay switch

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.



Switch with blue locator lamp

Kitchen



Rotary dimmer

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.

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.



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!

Storage



Movement and presence detector

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.



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!



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.





P104155



P104180

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.



P105647

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

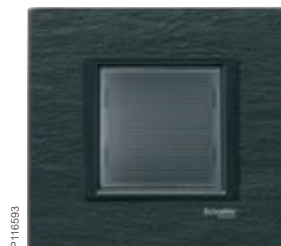
Electronic door-bell
Choose between 5 different
melodies. Same design as
other Unica wiring devices.



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.



Emergency light

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



Shuttered socket-outlet

Safety for children. Also available with a hinged flap.

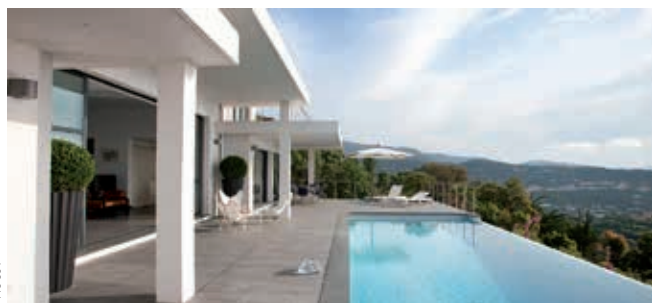


Key rotary switch

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.



P113296



P113394



P104153



P105746

Key card switch
Can control access, lights, equipments.



P106657

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 ambient 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.

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.

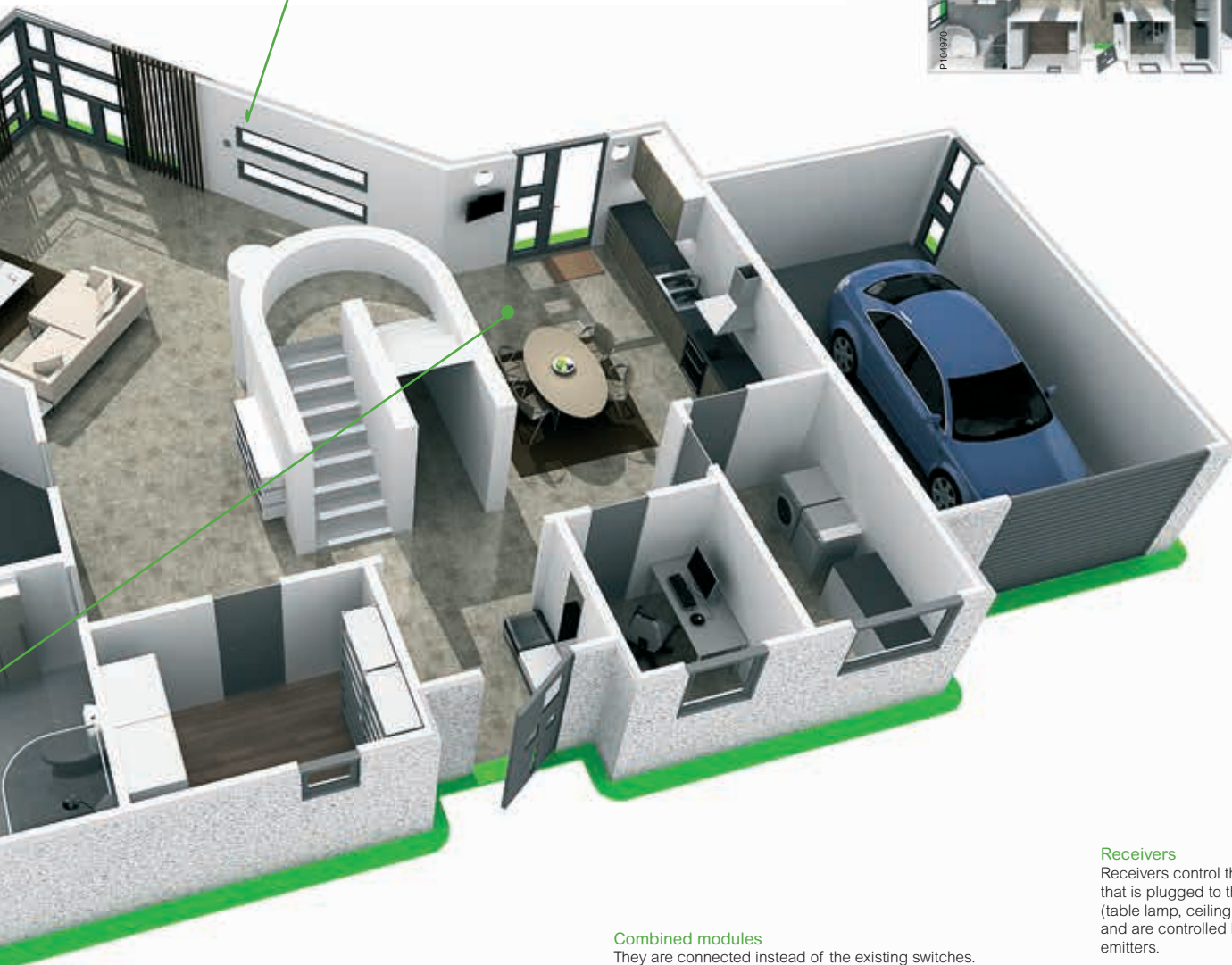
- Replace the existing switches by Unica Wireless combined modules.
- If necessary, add mobile socket outlets to connect standard lamps, table lamps, etc.
- Add a battery-powered push-button with the symbols corresponding to the various scenarios.
- Link them by simple programming.



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

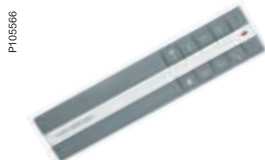
Emitters are battery-operated and can be screwed or stuck wherever you wish to add a control point, without connecting them to the mains supply.



Battery-powered push-button



Keyring remote control



Metal remote control



Universal wireless emitter



Combined relay or dimmer



Combined module for roller-blind



Mobile socket-outlet, relay or dimmer



Universal wireless receiver (relay)

Receivers

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

Unica for KNX system





P117504

Greater flexibility and comfort, better energy efficiency with KNX

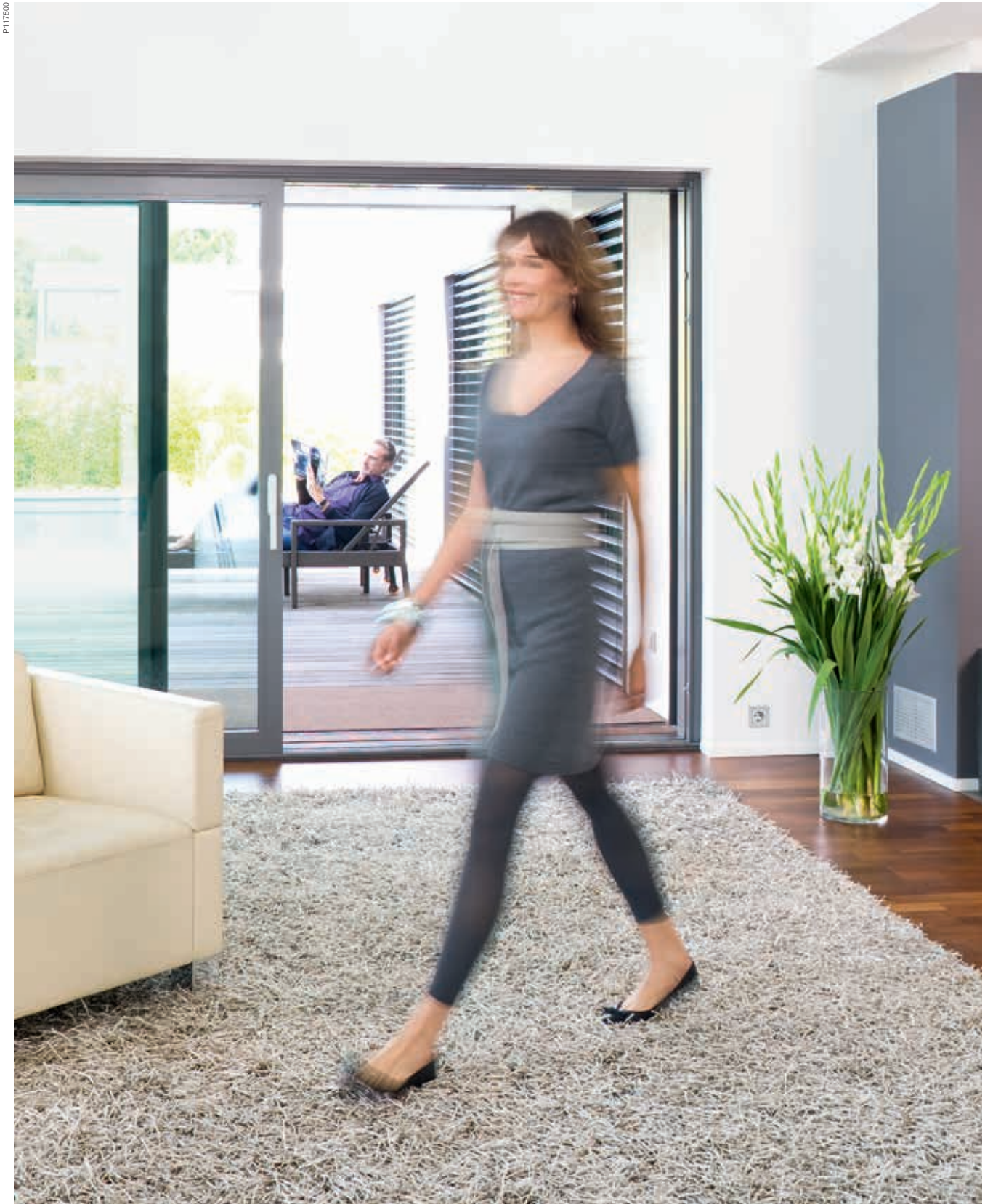
More and more electronic appliances are needed for modern comfortable homes that contain everything from computers to home cinemas. Does this mean simply increase electricity consumption despite rising energy costs?

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.

P109932



Intelligent and good looking home



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.

P105832



Interested by the intelligent system?
See [KNX catalog](#)

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.

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

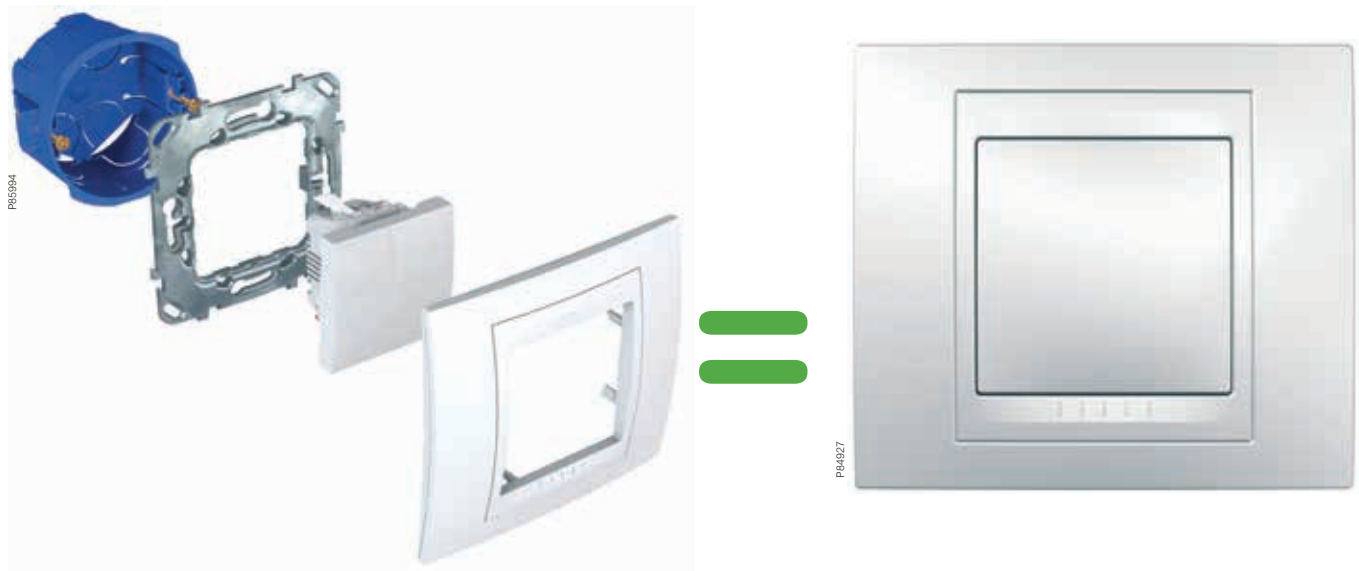


British
socket-outlet

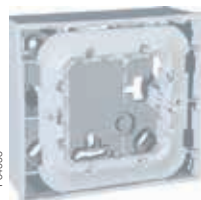
P85983		Weather station	P80317		Basic thermostat	P85949		Indicator lamp, green
P85957		Switch with blue locator lamp	P85952		Key card switch	P85918		Indicator lamp, orange
P85980		Push-button with bell symbol and blue locator lamp	P85909		4-position switch	P85920		Indicator lamp, white
P85946		Push-button with light symbol and blue locator lamp	P85911		Fuse holder	P80319		Movement and presence detector
P85905		Roller-blind	P85912		Buzzer	P104699		Wake-up clock
P85907		Push-button with bell symbol	P85913		Electronic doorbell	P101843		Methane and LPG gas detectors
P85936		Push-button I/O	P85917		Double switch	P101844		Flood detector
P104677		Rotary dimmer	P104679		Time delay switch			
P104678		Key rotary switch	P85958		Push-button dimmer switch			

Two installation architectures

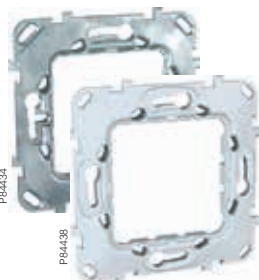
Modular universal



Flush CE60 boxes
Flush installation using individual boxes or multiple horizontal or vertical boxes.



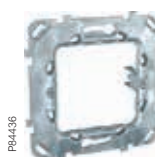
Surface CE60 boxes
Surface individual or multiple boxes for vertical or horizontal installations.



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



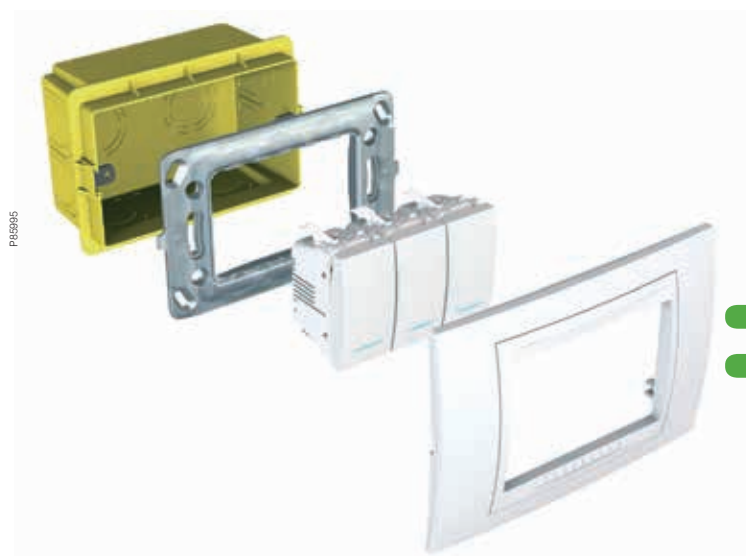
Plastic with short fixed claws



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



Modular multifunction



Flush modular boxes
3, 4 and 6 modules.



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



Surface modular boxes
Surface box for 3 and 4
modules.



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



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



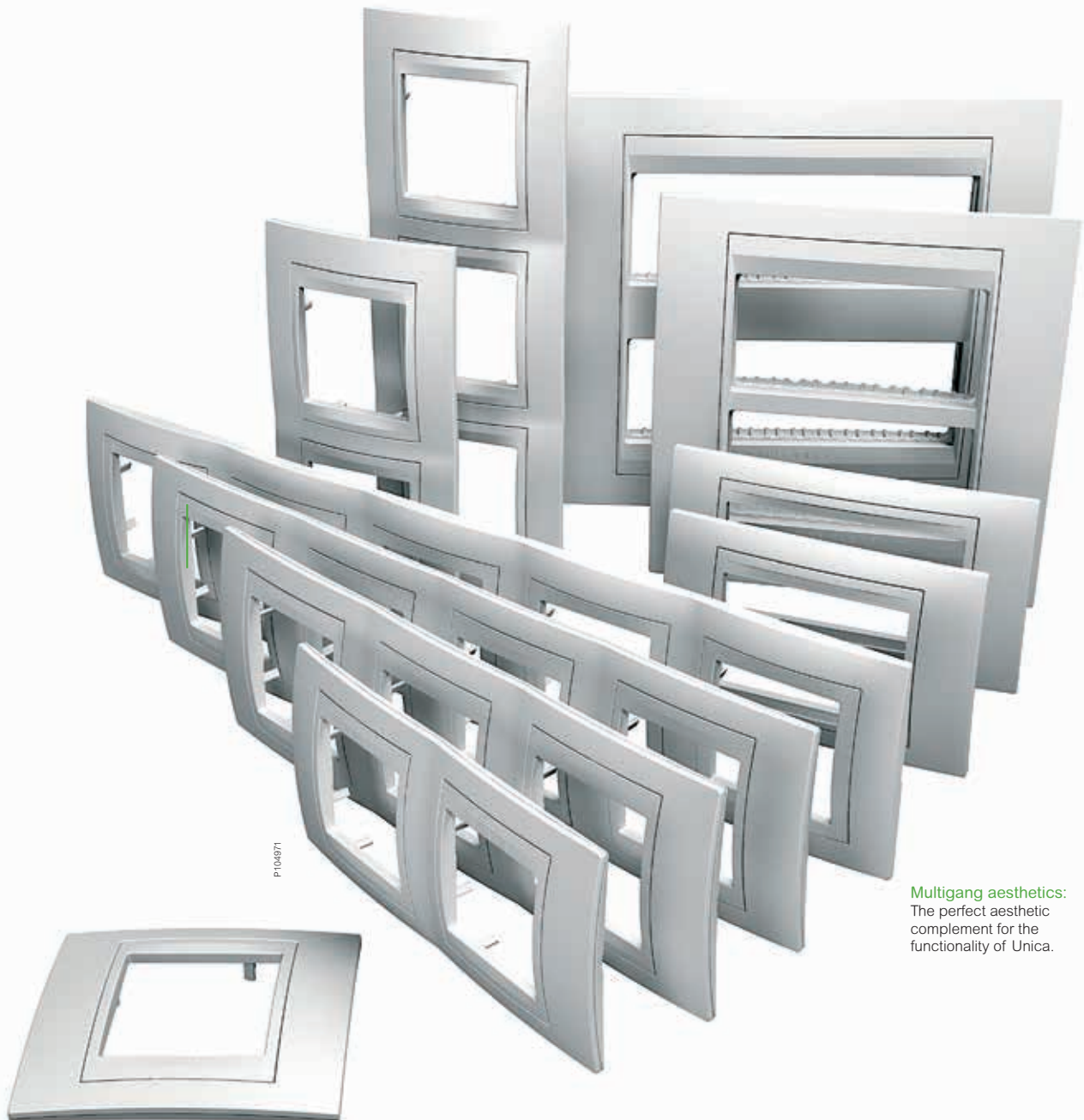
**Multifunction aesthetic
cover frames**
Cover frames for flush
or surface installations.



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

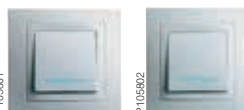
Multigang aesthetics:
The perfect aesthetic complement for the functionality of Unica.

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

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

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

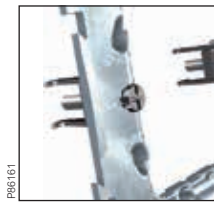
Broadest range, more options:
The Unica range allows you to combine narrow modules and wide modules in each rectangular box.



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.



Short fixed claws.



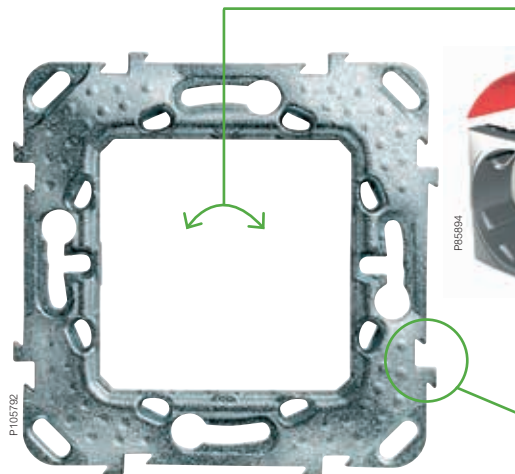
Long fixed claws



Accessory short claws with plastic protection.



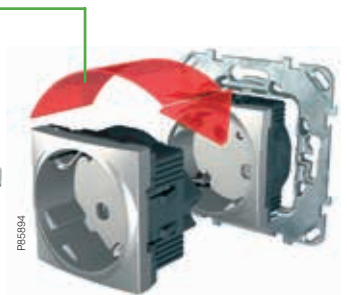
Always straight:
Easier to align, with a straight supporting surface that makes it easy to use a level.



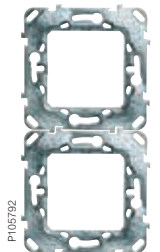
No sharp edges:
Manufactured in zamak, the fixing frame is rugged and corrosion resistant. As it is not die-cut, there are no sharp edges.



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.



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



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.



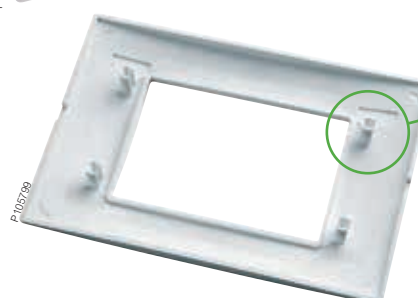
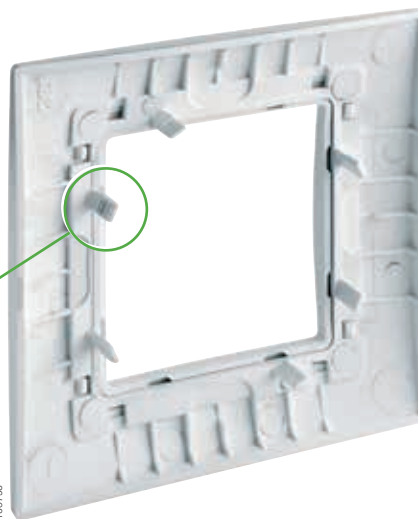
Perfectly fitted cover frames

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.

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.



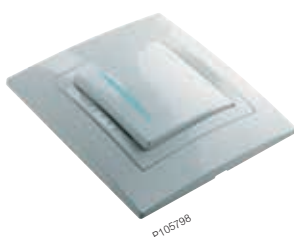
Designed down to the last detail:

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.



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.



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.



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).



Only terminals needed are open.



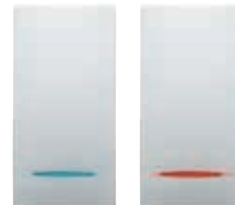
In both 10 A (grey) and 16 A (black) switches the terminal connection system is by screws.



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



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

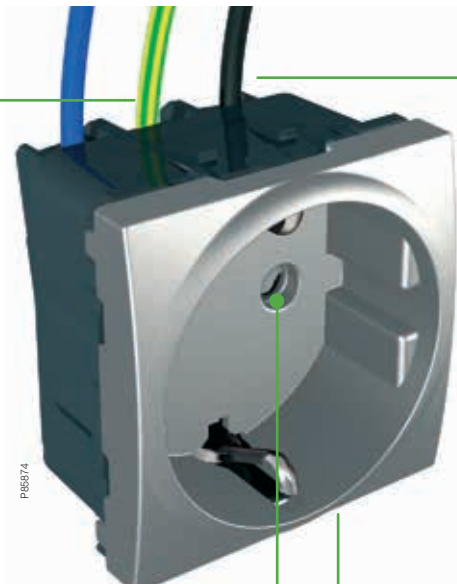
Based on our customers' experience as installers, gathered through exhaustive market research, we have developed the fitting and safety features of our socket-outlets to match them to ever stricter productivity and safety requirements.



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.

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.

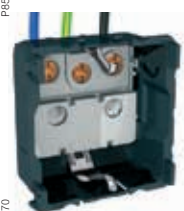


Available in screwless version with easy color code for cabling.

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



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.



Data sockets in detail

The new Intraplus 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:

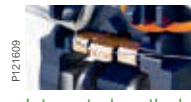
Easy organization of cables and simultaneous connection of the 4 pairs of cables. Cat 5e: green, cat 6: blue shutter cap colour. Using the organizer ensures the untwisted length is less than the minimum set by the standards (<13 mm.) The organizer is colour-coded for error-free connection.

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



P121608

Automatic 360° earthing



P121609

Integrated earth-drain contact to provide double earthing

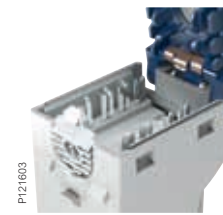


P121603

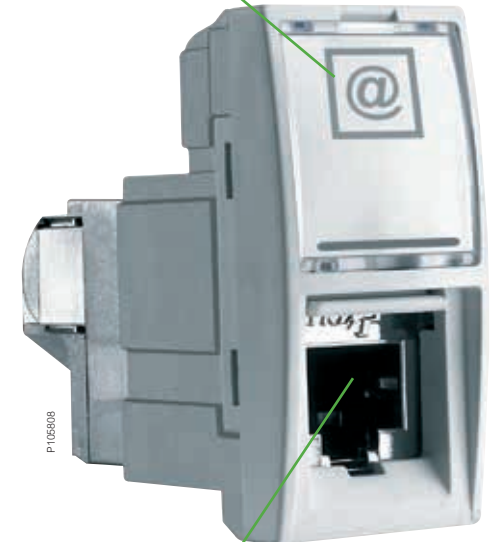
Protection of the IDC:

The IDC are inserted in a plastic cavity, that's why it's impossible put his fingers 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

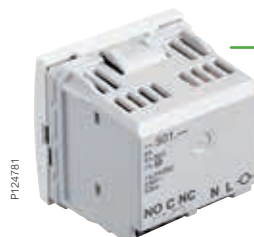


P105811

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.



P121781

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.



P105769

Design and ergonomics

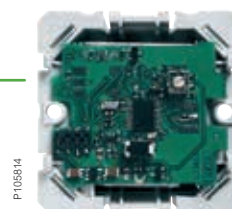
Maximum attention has been paid to design and ergonomics to ensure they look right in any setting.



P103850

Vanguard technology

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



P105814



P105813

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

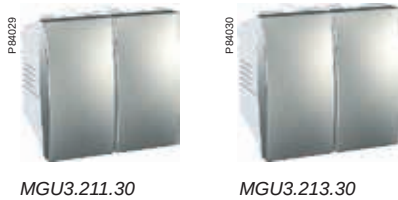


Controls

10 AX – 250 V AC switches



MGU3.201.30 MGU3.101.30
MGU3.201.12 MGU3.101.12



MGU3.211.30 MGU3.213.30



MGU3.261.12 MGU3.161.12

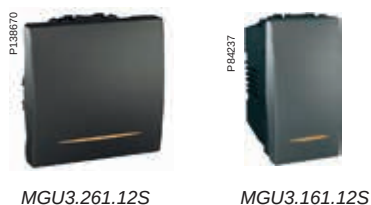
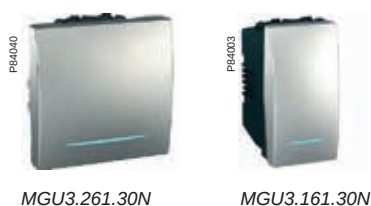
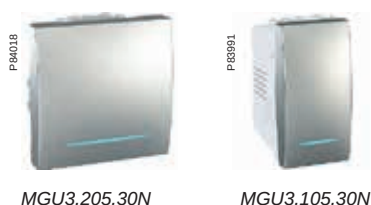
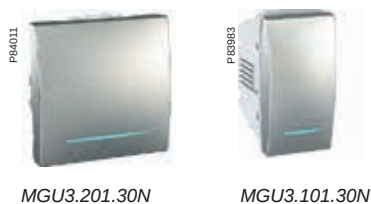


MGU3.262.12 MGU3.162.12

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	



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

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	
aluminium	MGU3.201.30S MGU3.103.30S	MGU3.203.30S MGU3.103.30S	
graphite	MGU3.201.12S	MGU3.203.12S MGU3.103.12S	

Amber LED lamp, connected internally

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

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



MGU3.206.30



MGU3.106.30



MGU3.206.12C



MGU3.106.12C



MGU3.206.30N



MGU3.106.30N



MGU3.206.12CN



MGU3.106.12CN



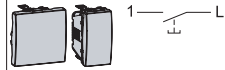
MGU3.206.30LN



MGU3.106.30LN

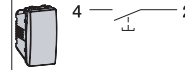
10 A – 250 V AC push-buttons

10 A screwless terminals



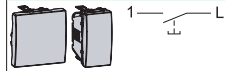
Colour	2 modules	1 module
aluminium	MGU3.206.30	MGU3.106.30
graphite	MGU3.206.12	MGU3.106.12

10 A screw terminals



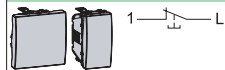
Colour	1 module
aluminium	MGU3.106T.30
graphite	MGU3.106T.12

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



Colour	2 modules	1 module
aluminium	MGU3.236.30	MGU3.136.30
graphite	MGU3.236.12	MGU3.136.12

10 A screwless terminals with light symbol

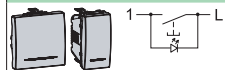


Colour	2 modules	1 module
aluminium	MGU3.206.30L	MGU3.106.30L
graphite	MGU3.206.12L	MGU3.106.12L

Normally closed position

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

10 A screwless terminals



Colour	2 modules	1 module
aluminium	MGU3.206.30N	MGU3.106.30N
graphite	MGU3.206.12N	MGU3.106.12N

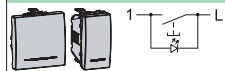
10 A screw terminals



Colour	2 modules	1 module
aluminium	MGU3.206T.30N	MGU3.106T.30N
graphite		MGU3.106T.12N

Blue LED lamp, connected internally

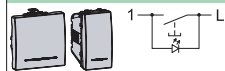
10 A screwless terminals with bell symbol



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



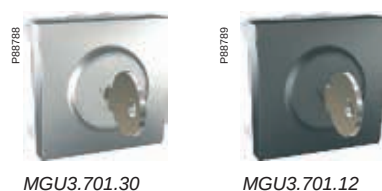
Colour	2 modules	1 module
aluminium	MGU3.206.30LN	MGU3.106.30LN
graphite	MGU3.206.12LN	MGU3.106.12LN

Blue LED lamp, connected internally



MGU3.246.3012V

MGU3.246.1212V



MGU3.701.30

MGU3.701.12

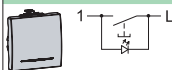


MGU3.579.30

MGU3.579.12

10 A – 12 V AC push-buttons

10 A screwless terminals with bell symbol



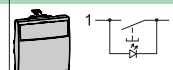
Colour 2 modules

aluminium MGU3.216.30CN

graphite

Blue LED lamp, connected internally

10 A screwless terminals with illuminated label holder



Colour 2 modules

MGU3.246.3012V

MGU3.246.1212V

Amber LED lamp, connected internally

Key and rotary switches

Key switch - 2 positions

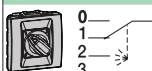


Colour 2 modules

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

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 screw terminals and intermediate switches.

LED for 12 V AC push-buttons

Colour

yellow

MGU0.823.AM



MGU0.825.AL

MGU0.825.AZL



MGU0.822.AL

MGU0.822.AZL



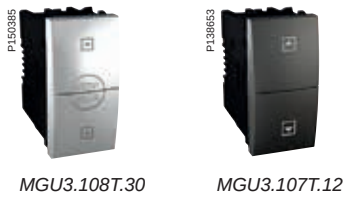
MGU0.823.AM

Specialized controls

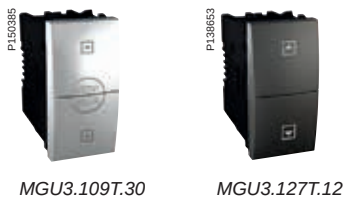
Mechanisms for roller blinds



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			

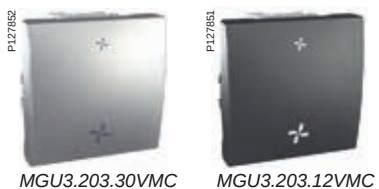


10 A switch with screw terminals		10 A push-button with screw terminals	
Colour	1 module	1 module	
aluminium	MGU3.108T.30	MGU3.107T.30	
graphite	MGU3.108T.12	MGU3.107T.12	
With mechanical and electrical safety latching to prevent simultaneous activation in both directions			



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



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

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



MGU3.231.30



MGU3.224.30S



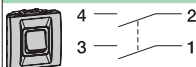
MGU3.232.30S



MGU3.232.12S

20 A – 250 V high rating switches

20 AX double pole one-way

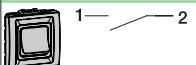


Colour 2 modules

aluminium MGU3.224.30

32 A – 250 V high rating switches

32 A (25 AX) one-way



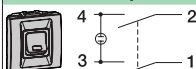
Colour 2 modules

aluminium MGU3.231.30

graphite MGU3.231.12

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

20 AX double pole one-way



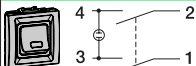
Colour 2 modules

aluminium MGU3.224.30S

Amber neon lamp, connected internally

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



MGU3.630.30



MGU3.631.30

Protection

Fuse holders

10 A



Colour	1 module
■ aluminium	MGU3.630.30

For cylindrical fuses up to 10 A with dimensions 6x32 mm

16 A

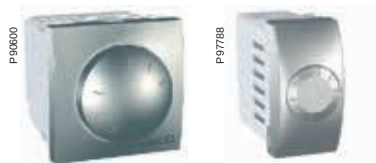


Colour	2 modules
■ aluminium	MGU3.631.30
■ graphite	MGU 3.631.12

For 00 type fuses

Comfort controls

Rotary electronic dimmers switches



MGU3.511.30



MGU3.559.30



MGU3.510.12



MGU5.512.30ZD



MGU3.515.30

	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

Multi-load Variapush (pulse control) 20-350 W/VA

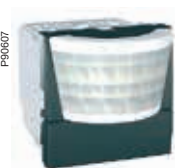


Colour	2 modules
■ aluminium	MGU3.515.30
■ graphite	MGU3.515.12
	Compliant with the interference suppression (EMC) standard EN 60669-2-1

					Load table
MGU3.511.XX	MGU3.559.XX	MGU3.510.XX	MGU5.512.XX	MGU3.515.XX	
400 W	400 W		1000 W	250 W	Maximum loads
400 W	400 W		1000 W	350 W	230 V AC incandescent lamps
400 VA			1000 VA	350 VA	230 V AC halogen lamps
				300 VA	ELV halogen lamps with ferromagnetic transformer (non toroidal)
				350 VA	ELV lamps with toroidal 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



MGU3.524.30



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 $\varphi \geq 0,9$		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 $\varphi \geq 0.95$	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	



MGU3.501.30

MGU3.505.12



MGU3.503.30



MGU3.535.30



MGU3.541.30

Thermostats

8 A basic thermostat		8 A resistive/5 A inductive weekly programmable thermostat	
			
Colour	2 modules	Colour	2 modules
■ aluminium	MGU3.501.30	■ aluminium	MGU3.505.30
■ graphite	MGU3.501.12	■ graphite	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



MGU3.546.30



MGU3.545.30



MGU3.540.30



MGU3.283.12



MGU0.824



MGU3.710.30



MGU3.711.12



MGU3.713.30



MGU3.712



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 ambient temperature

Key card switches

8 A timed

for Unica Top

for Unica Class

10 A

for Unica Top

for Unica Class



Colour 2 modules

■ aluminium MGU3.540.30

■ graphite MGU3.540.12

2 modules

MGU3.540.30CS

MGU3.540.12CS

2 modules

MGU3.283.30

MGU3.283.12

2 modules

MGU3.283.30CS

MGU3.283.12CS

With locator lamp

Supplementary lamp for key card switch



MGU0.824

Technical alarms

Detectors

Methane gas detectors - 12 V AC/DC



Colour 2 modules

■ aluminium MGU3.710.30

■ graphite MGU3.710.12

LPG gas detectors - 12 V AC/DC



2 modules

MGU3.711.30

MGU3.711.12

Flood detectors - 12 V AC/DC



Colour 2 modules

■ aluminium MGU3.713.30

■ graphite MGU3.713.12

Sensor for flood detectors



MGU3.712 (white)

Power supplies

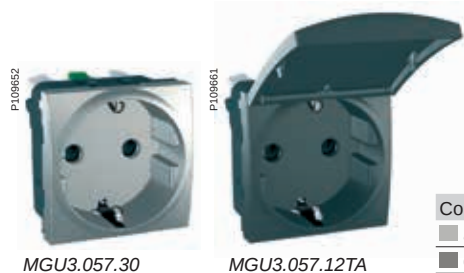
230 V AC/ 12 V AC - 50/60 Hz



Colour 2 modules

■ aluminium MGU3.716.30

■ graphite MGU3.716.12



MGU3.057.30

MGU3.057.12TA



MGU3.057.30SL



MGU3.036.30



MGU3.036.12



MGU3.037.30



MGU3.037.12TA



MGU3.040.30



MGU3.040.12

Socket-outlets

German socket-outlets

16 A 2P + E, shuttered, screwless



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

Side earth

16 A 2P + E, shuttered, screwless with lamp



Colour	2 modules
aluminium	MGU3.057.30SL
graphite	
red	MGU3.057.03SL

Side earth

16 A 2P + E, screw terminals



Colour	2 modules
aluminium	MGU3.036.30
graphite	MGU3.036.12

Side earth

16 A 2P + E, shuttered, screw terminals



Colour	2 modules	16 A 2P + E, shuttered, screw terminals, hinged flap
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	

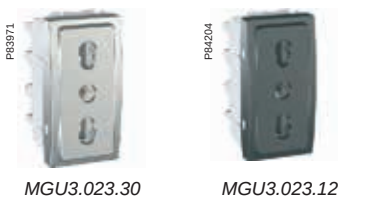
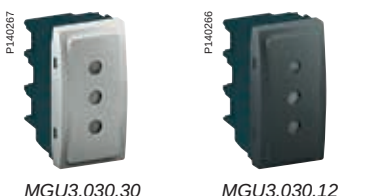
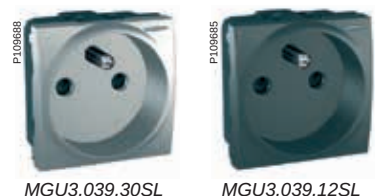
Side earth

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



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

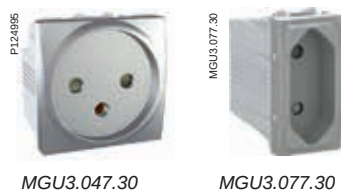


Colour	2 modules
■ aluminium	MGU3.045.30
■ graphite	MGU3.045.12

15 A 2P + E, shuttered, screw terminals



Colour	2 modules
	MGU3.046.30



MGU3.047.30

MGU3.077.30



MGU3.031.30

MGU3.033.12



MGU3.021.30



MGU3.041.12



MGU3.068.30



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



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



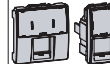
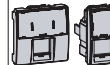
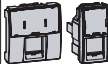
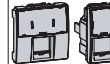
Socket-outlet centerplate with lamp

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

Data sockets

RJ45 data sockets



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

	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 compatibility 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.



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.



MGU9.438.30



VDIB6031001
VDIB6031002



VDIB6032001
VDIB6032002



VDIB6082001



VDIB6072001

TV/FM/SAT sockets

TV/FM sockets

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

R-TV/SAT socket for parallel 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

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

TV/SAT Female socket-F type



Colour	1 module
■ aluminium	MGU3.468.30
■ graphite	MGU3.468.12





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		



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		



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.

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



Colour	2 modules	1 module
aluminium	MGU3.493.30	MGU3.495.30
graphite	MGU3.493.12	MGU3.495.12

RJ12- 6 contacts screw



Colour	2 modules	1 module
aluminium	MGU3.497.30	MGU3.491.30
graphite	MGU3.497.12	MGU3.491.12



MGU3.492.30



MGU3.490.12



MGU3.497.30



MGU3.491.12



MGU3.499.30



MGU3.499.12

British telephone sockets

6 contacts screwless



Colour	1 module
aluminium	MGU3.499.30
graphite	MGU3.499.12

Belgian telephone sockets

Belgacom type



Colour	2 modules
aluminium	MGU3.498.30
graphite	MGU3.498.12



MGU3.498.30



MGU3.498.12

Indication

Indicator lamps

Orange



Colour	1 module
aluminium	MGU3.775.30A
graphite	MGU3.775.12A

Red



Colour	1 module
aluminium	MGU3.775.30R
graphite	MGU3.775.12R

Green



Colour	1 module
aluminium	MGU3.775.30V
graphite	MGU3.775.12V

Colourless



Colour	1 module
aluminium	MGU3.775.30T
graphite	MGU3.775.12T

Neon lamp for indicator lamp



MGU0.821



MGU3.775.30A



MGU3.775.30R



MGU3.775.12V



MGU3.775.12T



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	



MGU70.567.30



MGU70.566.30



MGU70.598



MGU3.486.30



MGU3.487.12



MGU3.428.30



MGU3.418.30



MGU3.418.12

Bluetooth audio receivers

	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

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

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



MGU3.785.30



MGU3.786.12



MGU3.776.T



MGU3.780.T

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

Emergency light

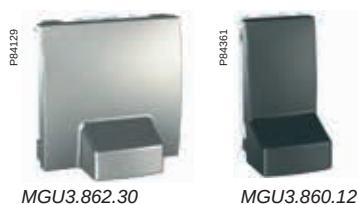
Emergency light

2 modules
MGU3.776.T

Pilotlamp

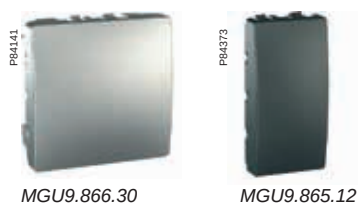
Autonomous pilotlamp

2 modules
MGU3.780.T



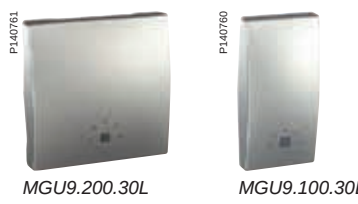
MGU3.862.30

MGU3.860.12



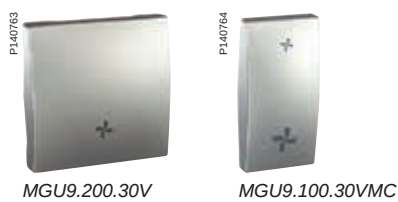
MGU9.866.30

MGU9.865.12



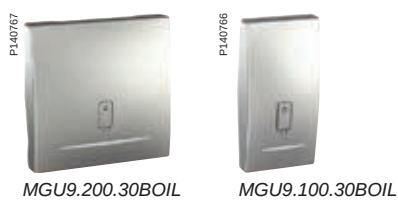
MGU9.200.30L

MGU9.100.30L



MGU9.200.30V

MGU9.100.30VMC



MGU9.200.30BOIL

MGU9.100.30BOIL



MGU9.200.30H

MGU9.100.30H

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

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



Colour	1 module	2 modules	1 module
aluminium	MGU9.200.30V	MGU9.100.30V	MGU9.200.30VMC
graphite	MGU9.200.12V	MGU9.100.12V	MGU9.200.12VMC

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



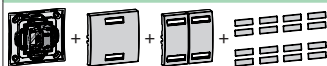
Colour	2 modules	1 module
aluminium	MGU9.200.30H	MGU9.100.30H
graphite	MGU9.200.12H	MGU9.100.12H

Emitters

Battery powered push-button

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)

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

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

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



MGU86.071.30



P104955



MGU3.572.30



P104955



MGU3.573.30



P104955



MGU3.574.30



P104955



MGU3.572.XX



MGU3.573.XX



MGU3.574.XX

Combined modules load table

			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 μ F)
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 switches)

Receivers

Mobile socket-outlets relay (on/off)



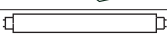
	German type mobile socket-outlet	French type mobile socket-outlet
		
Colour		
☐ white	CCT1A020	CCT1A022
	With one key for local control (switch)	

Mobile socket-outlets dimmer



	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 $\varphi \geq 0,9$			230 V AC fluorescent tubes Φ 28 or Φ 38 mm (100 μ F)
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

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

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

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

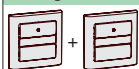
Universal receiver relay



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

Test kit

RF signal tester



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

Accessories

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.



CCT1A000



CCT1A010



CCT1A030



CCT1A031



CCT1A090



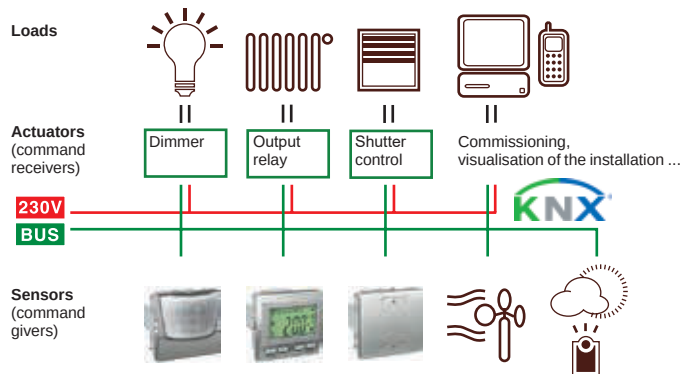
MGU0.570.30

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.

Introduction



Controls

Push-buttons

2 buttons and 2 blue status LEDs, with screwless bus connecting terminals



Colour	2 modules
■ aluminium	MGU3.530.30
■ graphite	MGU3.530.12

- 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.

4 buttons and 4 blue status LEDs, with screwless bus connecting terminals



Colour	2 modules
■ aluminium	MGU3.531.30
■ graphite	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 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.

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.

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.



MGU3.530.30



MGU3.530.12



MGU3.531.30



MGU3.531.12



MGU3.532.30



MGU3.532.12



MTN570222

Comfort controls



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.

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.

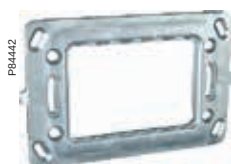
For more information on functions and products in association with KNX, go to Schneider Electric KNX catalogue.



MGU7.002



MGU7.004.P



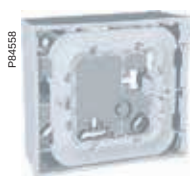
MGU7.103



MGU7.012



MGU7.012.GL



MGU8.022.58



MGU8.624



MGU8.603



MGU8.601

Version : 8.0 - 24 janvier 2017
LSB03407EN

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



Type	1 gang
zamak	MGU7.002.GG
plastic	MGU7.002.PGL

For attachable universal box

Fixing frame with long fixed claws



Type	1 gang
zamak	MGU7.002.GL
plastic	MGU7.002.GLS (1)

(1) Mounted with stainless claws

Fixing frame without claws



Type	2 gang
plastic	MGU7.004.P

For attachable universal box

Short claws with plastic protection



Type	Set of 20 units
------	-----------------

Italian fixing frames

Italian fixing frames



Type	3 modules	4 modules
zamak	MGU7.103	MGU7.104
plastic	MGU7.103.P	MGU7.104.P

57 mm interaxis fixing frames

Fixing frames without claws



Type	1 gang
zamak	MGU7.012

Fixing frames with long stainless claws



Type	1 gang
zamak	MGU7.012.GLS

Extension for long claws



MGU7.892.A
Set of 20 units, to be assembled with long claws

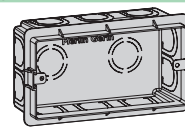
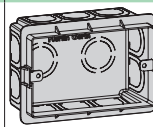
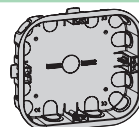
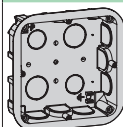
Boxes

Surface mounting with clip-on fixing frame



Colour	1 gang	2 gang	3 gang
technical grey	MGU8.022.58	MGU8.024.58	MGU8.026.58
graphite grey	MGU8.022.62	MGU8.024.62	MGU8.026.62

Flush mounting



2 x 4 modules	2 x 6 modules	3 modules	4 modules
MGU8.624	MGU8.626	MGU8.603	MGU8.604

Insulated box for thin panels



MGU8.601

Unica Class



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.*





P116402

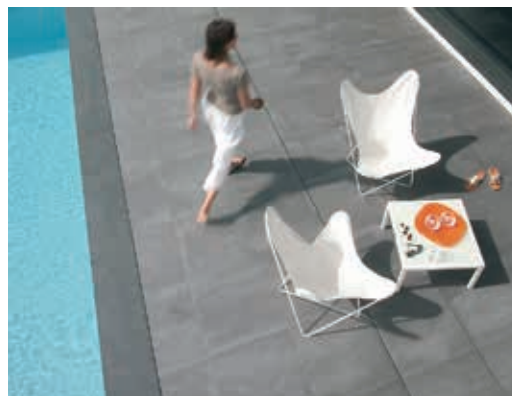
Slate

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 oxidized finishing to get that rusty look.



P113204

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.

P116397

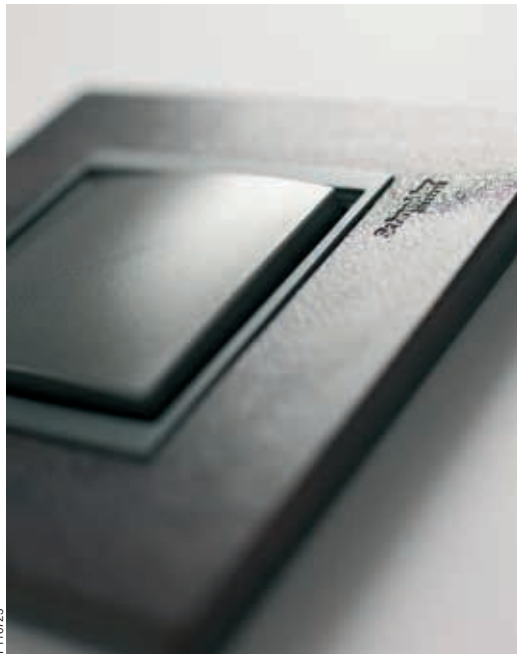


P113239

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!

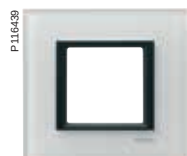


P116734

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



MGU68.002.7C2



MGU68.004.7C2



MGU68.006.7C2



MGU68.008.7C2

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

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

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

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

* 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.

Unica Top



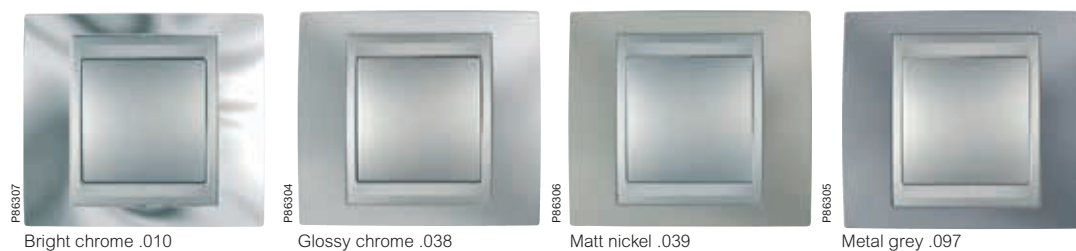
Unica Top aesthetics

With aluminium insert

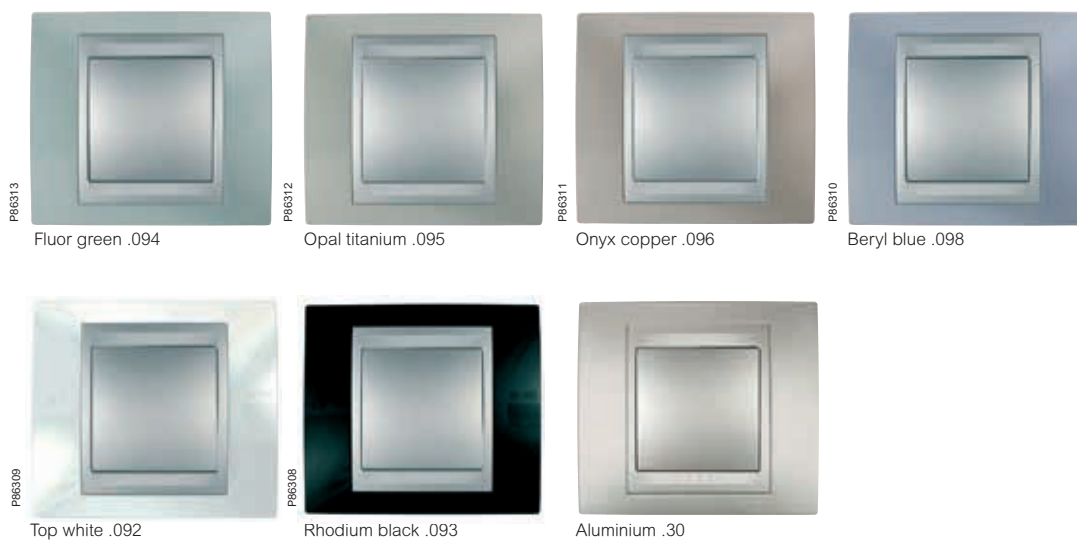
Wood



Metal



Colour





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

Unica Top Cover frames



MGU66.002.0M2



MGU66.002.038



MGU66.004.0M2



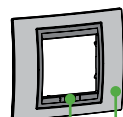
MGU66.004.038



MGU66.004V.0M2



MGU66.004V.038



aluminium
graphite

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

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	

Unica Top Cover frames



P109748

MGU66.014V.0M2



P109742

MGU66.014V.038



P109768

MGU66.016V.0M2



P109762

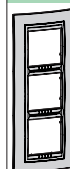
MGU66.016V.038

2 gang 57 mm interaxis vertical installation

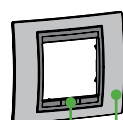


Colour	Aluminium	Graphite
cherry tree	MGU66.014V.0M2	MGU66.014V.2M2
wengue	MGU66.014V.0M3	MGU66.014V.2M3
tobacco	MGU66.014V.0M4	MGU66.014V.2M4
bright chrome	MGU66.014V.010	MGU66.014V.210
glossy chrome	MGU66.014V.038	MGU66.014V.238
matt nickel	MGU66.014V.039	MGU66.014V.239
top white	MGU66.014V.092	MGU66.014V.292
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



- cherry tree
- wengue
- tobacco
- bright chrome
- glossy chrome
- matt nickel
- top white
- onyx copper
- metal grey

- aluminium
- graphite



MGU66.103.0M3



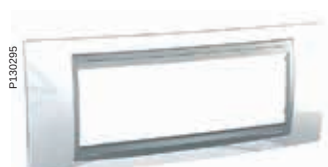
MGU66.103.0M4



MGU66.104.092



MGU66.104.292



MGU66.106.092



MGU66.106.292

3 modules Italian cover frame



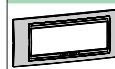
Colour	Aluminium	Graphite
cherry tree	MGU66.103.0M2	MGU66.103.2M2
wengue	MGU66.103.0M3	MGU66.103.2M3
tobacco	MGU66.103.0M4	MGU66.103.2M4
bright chrome	MGU66.103.010	MGU66.103.210
glossy chrome	MGU66.103.038	MGU66.103.238
matt nickel	MGU66.103.039	MGU66.103.239
top white	MGU66.103.092	MGU66.103.292
rhodium 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	



MGU49.424.010



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



P90104



Unica Plus

P94932



Unica
Quadro

P104530



Unica
Allegro

P96339



Unica Colors

P91459



Unica Basic

P96055



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 sparkingly 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

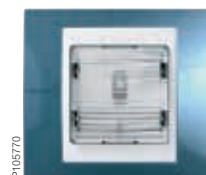
To have the home at the right temperature every time optimizing the energy.



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!



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



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.



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.



RCD switch
Add more security and protect the electrical system.



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



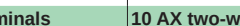
Technical alarms
Protect your home against flooding and gas leaks.



Controls

10 AX – 250 V AC switches

10 AX one-way screwless terminals		10 AX one-way screw terminals	
			
 2 modules	 1 module	 2 modules	 1 module
MGU3.101.18	MGU3.101.18	MGU3.201T.18	MGU3.101T.18
MGU3.201.25	MGU3.101.25	MGU3.201T.25	

10 AX two-way screwless terminals		10 AX two-way screw terminals	
			
2 modules	1 module	2 modules	1 module
MGU3.203.18	MGU3.103.18	MGU3.203T.18	MGU3.103T.18
MGU3.203.25	MGU3.103.25		MGU3.103T.25

10 AX intermediate screwless terminals		10 AX intermediate screw terminals	
			
2 modules	1 module	1 module	
MGU3.205.18	MGU3.105.18	MGU3.105T.18	
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

16 AX – 250 V AC switches

16 AX one-way screw terminals		16 AX double pole one-way screw terminals	
			
 2 modules	 1 module	 2 modules	 1 module
MGU3.261.18	MGU3.161.18	MGU3.262.18	MGU3.162.18
MGU3.261.25	MGU3.161.25	MGU3.262.25	MGU3.162.25

16 AX two-way screw terminals	
	
	
MGU3.263.18	MGU3.163.18
MGU3.263.25	MGU3.163.25



MGU3.201.18



MGU3.101.18



MGU3.105T.18



MGU3.211.18



MGU3.213.18



MGU3.261.18



MGU3.161.18



MGU3.262.18



MGU3.162.18



MGU3.201.18N



MGU3.101.18N

10 AX – 250 V AC switches with blue locator lamp

10 AX one-way screwless terminals



Colour	2 modules	1 module
white	MGU3.201.18N	MGU3.101.18N
ivory	MGU3.201.25N	MGU3.101.25N

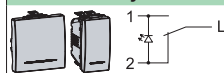
Blue LED lamp, connected internally

10 AX one-way screw terminals



Colour	2 modules	1 module
white	MGU3.201T.18N	MGU3.101T.18N

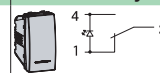
10 AX two-way screwless terminals



Colour	2 modules	1 module
white	MGU3.203.18N	MGU3.103.18N
ivory	MGU3.203.25N	MGU3.103.25N

Blue LED lamp, connected internally

10 AX two-way screw terminals



Colour	1 module
white	MGU3.103T.18N

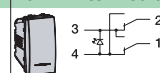
10 AX intermediate screwless terminals



Colour	2 modules	1 module
white	MGU3.205.18N	MGU3.105.18N
ivory	MGU3.205.25N	MGU3.105.25N

Blue LED lamp, connected internally

10 AX intermediate screw terminals



Colour	1 module
white	MGU3.105T.18N



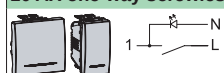
MGU3.201.18S



MGU3.101.18S

10 AX – 250 V AC switches with amber indicator lamp

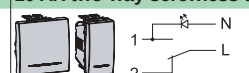
10 AX one-way screwless terminals



Colour	2 modules	1 module
white	MGU3.201.18S	MGU3.101.18S
ivory	MGU3.201.25S	MGU3.101.25S

Amber LED lamp, connected internally

10 AX two-way screwless terminals



Colour	2 modules	1 module
white	MGU3.203.18S	MGU3.103.18S
ivory	MGU3.203.25S	MGU3.103.25S

16 AX – 250 V AC switches with blue locator lamp

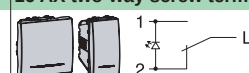
16 AX one-way screw terminals



Colour	2 modules	1 module
white	MGU3.261.18N	MGU3.161.18N
ivory	MGU3.261.25N	MGU3.161.25N

Blue LED lamp, connected internally

16 AX two-way screw terminals



Colour	2 modules	1 module
white	MGU3.263.18N	MGU3.163.18N
ivory	MGU3.263.25N	MGU3.163.25N



MGU3.261.18N



MGU3.161.18N

16 AX – 250 V AC switches with amber indicator lamp

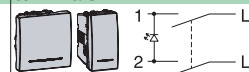
16 AX one-way screw terminals



Colour	2 modules	1 module
white	MGU3.261.18S	MGU3.161.18S
ivory	MGU3.261.25S	MGU3.161.25S

Amber LED lamp, connected internally

16 AX double pole one-way screw terminals



Colour	2 modules	1 module
white	MGU3.262.18S	MGU3.162.18S
ivory	MGU3.262.25S	MGU3.162.25S

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



MGU3.261.18S



MGU3.161.18S



MGU3.263.18S



MGU3.206.18



MGU3.106.18



MGU3.206.18C



MGU3.106.18L



MGU3.206.18N



MGU3.106.18N



MGU3.206.18LN



MGU3.106.18LN



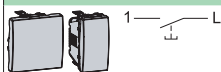
MGU3.206.18CN



MGU3.106.18CN

10 A – 250 V AC push-buttons

10 A screwless terminals



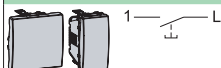
Colour	2 modules	1 module
white	MGU3.206.18	MGU3.106.18
ivory	MGU3.206.25	MGU3.106.25

10 A screw terminals



Colour	2 modules	1 module
white	MGU3.206T.18	MGU3.106T.18
ivory		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



Colour	2 modules	1 module
white	MGU3.236.18	MGU3.136.18
ivory	MGU3.236.25	MGU3.136.25

10 A screwless terminals with light symbol



Colour	2 modules	1 module
white	MGU3.206.18L	MGU3.106.18L
ivory	MGU3.206.25L	MGU3.106.25L

Normally closed position

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

10 A screwless terminals



Colour	2 modules	1 module
white	MGU3.206.18N	MGU3.106.18N
ivory	MGU3.206.25N	MGU3.106.25N

10 A screw terminals



Colour	2 modules	1 module
white	MGU3.206T.18N	MGU3.106T.18N
ivory		MGU3.106T.25N

Blue LED lamp, connected internally

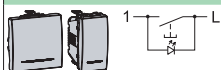
10 A screwless with light symbol



Colour	2 modules	1 module
white	MGU3.206.18LN	MGU3.106.18LN
ivory	MGU3.206.25LN	MGU3.106.25LN

Blue LED lamp, connected internally

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



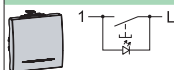
MGU3.216.18CN



MGU3.246.1812V

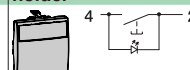
10 A – 12 V AC push-buttons

10 A screwless terminals with bell symbol



Colour	2 modules
white	MGU3.216.18CN
ivory	MGU3.216.25CN
Blue LED lamp, connected internally	

10 A screw terminals with illuminated label holder



Colour	2 modules
	MGU3.246.1812V
	MGU3.246.2512V
Amber LED lamp, connected internally	



MGU3.701.18



MGU3.579.18

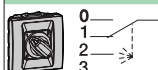
Key and rotary switches

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

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 screw terminals and intermediate switches.



MGU0.825.AL



MGU0.825.AZL



MGU0.822.AL



MGU0.822.AZL



MGU0.823.AM

LED for 12 V AC push-buttons

Colour	
yellow	MGU0.823.AM

Specialized controls

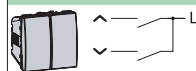
Mechanisms for roller blinds



MGU3.208.18

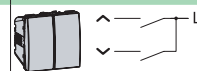
MGU3.207.18

10 A switch screwless



Colour	2 modules
white	MGU3.208.18
ivory	MGU3.208.25

10 A push-button screwless



Colour	2 modules
white	MGU3.207.18
ivory	MGU3.207.25

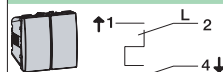
With mechanical and electrical safety latching to prevent simultaneous activation in both directions



MGU3.208T.18

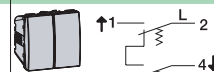
MGU3.207T.18

10 A switch with screw terminals



Colour	2 modules
white	MGU3.208T.18

10 A push-button with screw terminals



Colour	2 modules
white	MGU3.207T.18

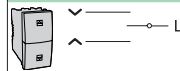
With mechanical and electrical safety latching to prevent simultaneous activation in both directions



MGU3.108T.18

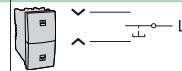
MGU3.107T.18

10 A switch with screw terminals



Colour	1 module
white	MGU3.108T.18
ivory	MGU3.108T.25

10 A push-button with screw terminals



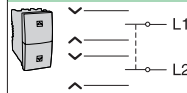
Colour	1 module
white	MGU3.107T.18
ivory	MGU3.107T.25

With mechanical and electrical safety latching to prevent simultaneous activation in both directions



MGU3.109T.18

10 AX double pole switch with screw terminals

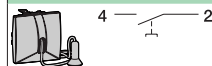


Colour	1 module
white	MGU3.109T.18
ivory	MGU3.109T.25

With mechanical and electrical safety latching to prevent simultaneous activation in both directions

Cord push-button

250 V with pull



Colour	2 modules
white	MGU3.226.18
ivory	MGU3.226.25

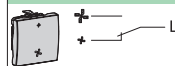
Cable length : 1 m



MGU3.226.18

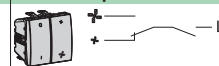
Mechanisms for VMC

VMC speed switch screwless



Colour	2 modules
white	MGU3.203.18VMC

VMC two speed and ON/OFF switch screwless



Colour	2 modules
white	MGU3.214.18



MGU3.203.18VMC

MGU3.214.18



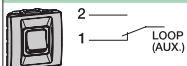
MGU3.223.18



MGU3.224.18

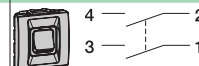
20 A – 250 V high rating switches

20 A (16 AX) two-way with screw terminals



Colour	2 modules
white	MGU3.223.18
ivory	

20 AX double pole one-way with screw terminals



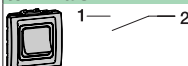
2 modules
MGU3.224.18
MGU3.224.25



MGU3.231.18

32 A – 250 V high rating switches

32 A (25 AX) one-way with screw terminals



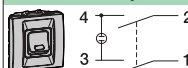
Colour	2 modules
white	MGU3.231.18
ivory	MGU3.231.25



MGU3.224.18S

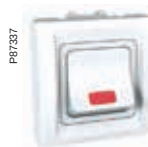
20 AX – 250 V high rating switch with amber indicator lamp

20 AX double pole one-way with screw terminals



Colour	2 modules
white	MGU3.224.18S
ivory	MGU3.224.25S

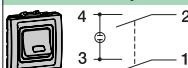
Amber neon lamp, connected internally



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



MGU3.654.18



MGU3.655.18



MGU3.656.18



MGU3.610.18



MGU3.611.18



MGU3.630.18



MGU3.631.18



MGU3.632.18

Protection

Miniature circuit breaker (MCB) switches

6 A 1P		10 A 1P	
			
Colour	1 module	Colour	1 module
 white	MGU3.654.18	 white	MGU3.655.18
 ivory	MGU3.654.25	 ivory	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	Colour	2 modules
 white	MGU3.614.18	 white	MGU3.615.18
 ivory	MGU3.614.25	 ivory	MGU3.615.25

Residual current device (RCD) switches

6 A (IΔn 10 mA)		10 A (IΔn 10 mA)	
			
Colour	 2 modules	Colour	 2 modules
 white	MGU3.610.18	 white	MGU3.611.18
 ivory	MGU3.610.25	 ivory	MGU3.611.25
16 A (IΔn 10 mA)			
			
Colour	 2 modules		
 white	MGU3.612.18		
 ivory	MGU3.612.25		

Fuse holders

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

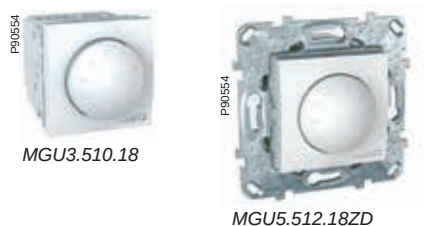
Comfort controls

Rotary electronic dimmers switches



MGU3.511.18

MGU3.559.18



MGU3.510.18

MGU5.512.18ZD



MGU3.515.18

40-400 W/VA one/two way switch	60-400W/VA one way switch
Colour	2 modules
white	MGU3.511.18
ivory	MGU3.511.25
	1 module
	MGU3.559.18
	MGU3.559.25

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
white	MGU3.510.18
ivory	MGU3.510.25
	MGU5.512.18ZD
	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

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	
400 W	400 W		1000 W	250 W	Maximum loads
400 W	400 W		1000 W	350 W	230 V AC incandescent lamps
400 VA			1000 VA	350 VA	230 V AC halogen lamps
				300 VA	ELV halogen lamps with ferromagnetic transformer (non toroidal)
				350 VA	ELV lamps with toroidal 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



MGU3.524.18



MGU3.525.18

Movement and presence detectors

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

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



MGU3.524.XX



MGU3.525.XX

Load table

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 $\varphi \geq 0,9$ 230 V AC fluorescent tube, $\Phi 26$ or $\Phi 38$ mm
	500 VA 230 V AC compact fluorescent lamps
	200 VA 230 V AC fans
300 W cos $\varphi \geq 0.95$	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



MGU3.501.18



MGU3.505.18



MGU3.503.18



MGU3.535.18



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



MGU3.546.18



MGU3.545.18



MGU3.540.18



MGU3.283.18



MGU0.824



MGU3.710.18



MGU3.711.18



MGU3.713.18



MGU3.712



MGU3.716.18

Weatherstation

Weatherstation



Colour 2 modules

white MGU3.546.18

ivory MGU3.546.25

- Ambient temperature
- Atmospheric pressure
- Relative humidity

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

Key card switches

8 A timed



Colour 2 modules

white MGU3.540.18

ivory MGU3.540.25

10 A



Colour 2 modules

white MGU3.283.18

ivory MGU3.283.25

With locator lamp

Supplementary lamp for key card switch



MGU0.824

Technical alarms

Detectors

Methane gas detectors - 12 V AC/DC



Colour 2 modules

white MGU3.710.18

ivory MGU3.710.25

LPG gas detectors - 12 V AC/DC



Colour 2 modules

white MGU3.711.18

ivory MGU3.711.25

Flood detectors - 12 V AC/DC



Colour 2 modules

white MGU3.713.18

ivory MGU3.713.25

Sensor for flood detectors



MGU3.712 (white)

Power supplies

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

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

16 A 2P + E, shuttered, screwless with lamp



Colour	2 modules
white	MGU3.057.18SL
red	MGU3.057.03SL

Side earth

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

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

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

Only Unica Basic 16 A 2P + IP44 cover, screw terminals



Colour	
white	MGU61.037.18
ivory	MGU61.037.25





MGU3.059.18



MGU3.059.25



MGU3.039.18



MGU3.039.25



MGU3.039.18SL



MGU3.030.18



MGU3.023.18



MGU3.045.18



MGU3.046.18

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



Colour 2 modules

white MGU3.039.18

ivory MGU3.039.25

red MGU3.039.03

16 A 2P + E, shuttered, screw terminals with lamp



Colour 2 modules

MGU3.039.18SL

MGU3.039.03SL

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

British socket-outlets

13 A 2P + E, shuttered, screw terminals



Colour 2 modules

white MGU3.045.18

ivory MGU3.045.25

15 A 2P + E, shuttered, screw terminals



Colour 2 modules

MGU3.046.18



MGU3.047.18



MGU3.077.18



MGU3.031.18



MGU3.033.18



MGU3.020.18



MGU3.021.18



MGU3.041.18



MGU3.043.18



MGU3.068.18



MGU3.064.18

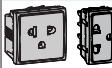
Special socket-outlets

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

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

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			
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			
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			
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			



MGU3.027.18



MGU3.028.18



MGU3.061.18



MGU0.839.18

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	

15 A duplex 2P + E, shuttered, screw terminals

Colour	3 modules
white	MGU3.061.18
ivory	MGU3.061.25

Socket-outlet centerplate with lamp

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



MGU23.063.18

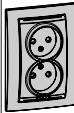


MGU23.065.18



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



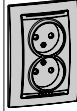
MGU63.063.18



MGU63.065.18

Double socket-outlets Unica Plus

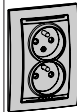
Unearthed, shuttered, screw terminals



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	

2P + E, CZ/SK (2), shuttered, screw terminals



Only
Unica Plus

2P + E, CZ/SK (2), shuttered, screw terminals



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	MGU63.065.524D (1)
indigo blue			MGU63.065.842D	MGU63.065.542D (1)
terracota	MGU63.065.851	MGU63.065.551	MGU63.065.851D	MGU63.065.551D (1)
glacial blue	MGU63.065.854	MGU63.065.554	MGU63.065.854D	MGU63.065.554D (1)
apple green	MGU63.065.863		MGU63.065.863D	MGU63.065.563D (1)
mist grey	MGU63.065.865	MGU63.065.565	MGU63.065.865D	MGU63.065.565D (1)
pistachio	MGU63.065.866		MGU63.065.866D	MGU63.065.566D (1)
sand	MGU63.065.867	MGU63.065.567	MGU63.065.867D	MGU63.065.567D (1)
orange	MGU63.065.869	MGU63.065.569	MGU63.065.869D	MGU63.065.569D (1)
water green	MGU63.065.870		MGU63.065.870D	(1)
cacao	MGU63.065.871	MGU63.065.571	MGU63.065.871D	MGU63.065.571D (1)
garnet	MGU63.065.872	MGU63.065.572	MGU63.065.872D	MGU63.065.572D (1)
maganese blue			MGU63.065.873D	(1)
mink	MGU63.065.874	MGU63.065.574	MGU63.065.874D	MGU63.065.574D (1)
mauve	MGU63.065.876		MGU63.065.876D	MGU63.065.576D (1)
slate grey	MGU63.065.877	MGU63.065.577	MGU63.065.877D	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



MGU63.067.18



MGU63.069.18

Double socket-outlets Unica Plus

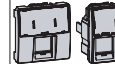
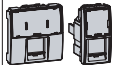
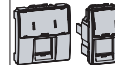
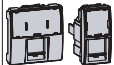
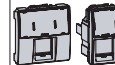
	Side earth, shuttered, screw terminals		Side earth, shuttered, screw terminals		
Only Unica Plus					
	Colour				
	 white	MGU63.067.18		MGU63.067.18D ⁽¹⁾	
	 ivory	MGU63.067.25		MGU63.067.25D ⁽¹⁾	
	Colour	white	ivory	white	ivory
	 champagne	MGU63.067.824	MGU63.067.524	MGU63.067.824D ⁽¹⁾	MGU63.067.524D ⁽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				
Only Unica Plus			DSO in pin pack		
	2P + E, PO/FR (3), shuttered, screw terminals				
					
	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



	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

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 compatibility 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.



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

P87357



MGU3.451.18

P87360



MGU3.454.18

P140691



MGU3.450.18

P87371



MGU3.468.18

TV/FM/SAT sockets

TV/FM sockets

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

R-TV/SAT socket for parallel 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

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

TV/SAT Female socket-F type



Colour	1 module
white	MGU3.468.18
ivory	MGU3.468.25



MGU3.462.18



MGU3.464.18



MGU3.465.18



MGU3.467.18



MGU9.440.18



MGU9.441.18

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

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

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.

RJ11- 4 contacts screw



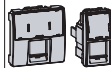
Colour	2 modules	1 module
white	MGU3.492.18	MGU3.490.18
ivory	MGU3.492.25	MGU3.490.25

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

6 contacts screwless



Colour	1 module
white	MGU3.499.18
ivory	MGU3.499.25

Belgian telephone sockets

Belgacom type



Colour	2 modules
white	MGU3.498.18
ivory	MGU3.498.25

Indication

Indicator lamps

Orange



Colour	1 module
white	MGU3.775.18A
ivory	MGU3.775.25A

Red



1 module
MGU3.775.18R
MGU3.775.25R

Green



Colour	1 module
white	MGU3.775.18V
ivory	MGU3.775.25V

Colourless



1 module
MGU3.775.18T
MGU3.775.25T

Neon lamp for indicator lamp



MGU0.821



MGU3.492.18



MGU3.497.18



MGU3.490.18



MGU3.491.18



MGU3.499.18



MGU3.498.18



MGU3.775.18A



MGU3.775.18R



MGU3.775.18V



MGU3.775.18T



MGU0.821

Multimedia sockets

USB data connectors



MGU3.429.18

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	

HDMI sockets



MGU3.430.18

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	

RCA sockets



MGU3.431.18

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	

HD15 sockets



MGU3.432.18

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	

Mini jack sockets



MGU3.433.18

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	



MGU70.567.18



MGU70.566.18



MGU70.598



MGU3.486.18



MGU3.487.25



MGU3.428.18



MGU3.418.18



MGU3.418.25

Bluetooth audio receivers

	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 adaptor
	Characteristics: • Audio receiver ○ 2 modules ○ voltage: 15-16 V DC	• Power supply ○ voltage: 93-265 V AC ○ frequency: 47-63 Hz

Loudspeakers and accessories

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



	2 modules	1 module
Colour		
white	MGU3.486.18	MGU3.487.18
ivory	MGU3.486.25	MGU3.487.25

Pressure-fixing of terminals

USB chargers

Single USB

Colour	1 module
white	MGU3.428.18
ivory	MGU3.428.25
	• Nominal input voltage: 100-240 V AC $\pm$10 % • USB output voltage: 5 V DC $\pm$ 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
white	MGU3.418.18
ivory	MGU3.418.25
	• Nominal input voltage: 100-240 V AC $\pm$10 % • USB output voltage: 5 V DC $\pm$ 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 output power 10.5 W • Overvoltage category: OVC III • Isolation class: class II



MGU3.785.18



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



MGU3.776.T



MGU3.780.T

Emergency light

Emergency light



2 modules
MGU3.776.T

Pilotlamp

Autonomous pilotlamp



2 modules
MGU3.780.T

Complementary offers

Cable outlet

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

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

Rocker with light symbol



Colour	2 modules	1 module
white	MGU9.200.18L	MGU9.100.18L
ivory	MGU9.200.25L	MGU9.100.25L

Rocker with fan symbol



Colour	1 module
white	MGU9.200.18V
ivory	MGU9.200.25V

Rocker with 2 speeds fan symbol



Colour	2 modules	1 module
white	MGU9.200.18VMC	MGU9.100.18VMC
ivory	MGU9.200.25VMC	MGU9.100.25VMC

Rocker with boiler symbol



Colour	2 modules	1 module
white	MGU9.200.18BOIL	MGU9.100.18BOIL
ivory	MGU9.200.25BOIL	MGU9.100.25BOIL

Rocker with heater symbol



Colour	2 modules	1 module
white	MGU9.200.18H	MGU9.100.18H
ivory	MGU9.200.25H	MGU9.100.25H



MGU3.862.18



MGU3.860.18



MGU9.866.18



MGU9.865.18



MGU9.200.18L



MGU9.100.18L



MGU9.200.18V



MGU9.100.18VMC



MGU9.200.18BOIL



MGU9.100.18BOIL



MGU9.200.18H



MGU9.100.18H

Emitters

Battery powered push-button



	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)



	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



	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



	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

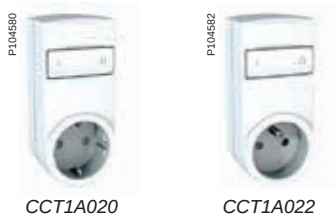
MGU3.572.XX	MGU3.573.XX	MGU3.574.XX
2300 W	20 - 315 W	
2000 W	20 - 315 W	
500 VA	20 - 315 VA	
500 VA	20 - 270 VA	
920 VA		
880 VA		
880 W		
690 VA		
		690 W

Combined modules load table

Loads	
	230 V AC incandescent lamps
	230 V AC halogen lamps
	230 V/12 V AC halogen lamps with ferromagnetic transformer (non toroidal)
	230 V/12 V AC halogen lamps with electronic transformer
	230 V/12 V AC halogen lamps with toroidal transformer
	230 V AC fluorescent tubes Φ 28 or Φ 38 mm (48 μ F)
	230 V AC compact fluorescent lamps
	230 V AC LED lamps
	230 V AC single phase motors and ventilators
	230 V AC single phase tubular motors for roller blind (with or without limit switches)

Receivers

Mobile socket-outlets relay (On/Off)



	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



	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 $\cos \varphi \geq 0,9$			230 V AC fluorescent tubes Φ 28 or Φ 38 mm (100 μ F)
1840 VA			230 V AC compact fluorescent lamps
1840 W			230 V AC LED lamps
1380 W			230 V AC motors, ventilators



CCT1A000



CCT1A010



CCT1A030



CCT1A031



CCT1A090



MGU0.570.18

Remote controls

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

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

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

Universal receiver relay



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

Test kit

RF signal tester



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

Accessories

Set of scenario symbols

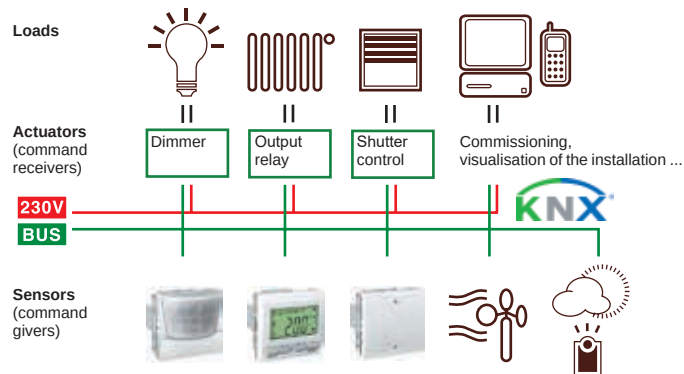
Colour	
□ white	MGU0.570.18
■ ivory	MGU0.570.25
	Set content: 2x cooking, 2x diner, 2x little light, 2x much light, 2x at home, 2x leaving home, 2x TV, 2x empty.

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.

Introduction



Controls

Push-buttons



MGU3.530.18

MGU3.530.25



MGU3.531.18

MGU3.531.25



MGU3.532.18

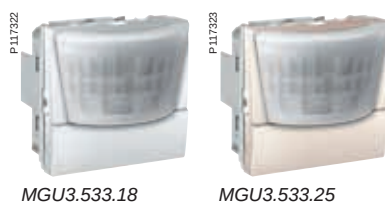
MGU3.532.25



MTN570222

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	
	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.			
2 buttons, blue status LED and Infra Red (IR) receiver, with screwless bus connecting terminals			
			
Colour	2 modules		
	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.			
Infra Red (IR) remote control for IR push-button receiver			
			
Colour			
	MTN570222		
• 10-channel IR remote control • Battery: 2 microcells (IEC LR 03, AAA) • Range: up to 20 m • Contents: without battery.			

Comfort controls



MGU3.533.18

MGU3.533.25



MGU3.534.18

MGU3.534.25

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.

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.

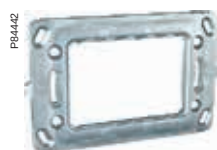
For more information on functions and products in association with KNX, go to Schneider Electric KNX catalogue.



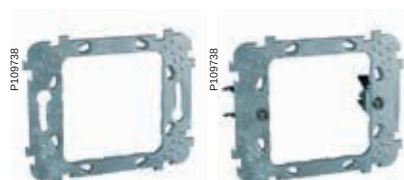
MGU7.002



MGU7.004.P



MGU7.103



MGU7.012

MGU7.012.GL

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



Type	1 gang
zamak	MGU7.002.GG
plastic	MGU7.002.PGL
For attachable universal box	

Fixing frame with long fixed claws



Type	1 gang
zamak	MGU7.002.GL
plastic	MGU7.002.GLS (1)
(1) Stainless claws	

Fixing frame without claws



Type	2 gang
plastic	MGU7.004.P
For attachable universal box	

Short claw with plastic protection



Type	2 gang
plastic	MGU7.892
Set of 20 units	

Italian fixing frames

Italian fixing frames



Type	3 modules
zamak	MGU7.103
plastic	MGU7.103.P

Italian fixing frames



Type	4 modules
zamak	MGU7.104
plastic	MGU7.104.P

Italian fixing frame



Type	6 modules
zamak	MGU7.106
plastic	

57 mm interaxis fixing frames

Fixing frames without claws



Type	1 gang
zamak	MGU7.012

Fixing frames with long stainless claws

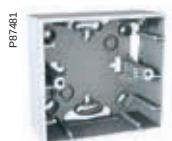


Type	1 gang
zamak	MGU7.012.GLS

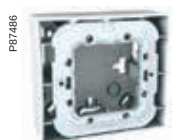
Extension for long claws



Type	MGU7.892.A
Set of 20 units, to be assembled with long claws	



MGU8.002.18



MGU87.022.18



MGU8.103.18



ENN35303

ENN37303



MGU22.302.18



MGU22.304.18



MGU8.624



MGU8.601

Surface mounting boxes

Only Unica Basic Unica Colors	Boxes		
	1 gang	2 gang	3 gang
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
Only Unica Plus	Boxes with clip-on fixing frame		
	1 gang	2 gang	3 gang
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
Only Unica Allegro	Italian boxes		
	3 modules	4 modules	
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
	1 gang	2 gang
Colour	1 gang	2 gang
□ white	MGU22.302.18	MGU22.304.18
■ ivory	MGU22.302.25	MGU22.304.25
Cover and fixing frame + box		

Flush mounting boxes

Only Unica Basic	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
Insulated box for thin panels				
	MGU8.601			

Unica Plus



Unica Plus aesthetics



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

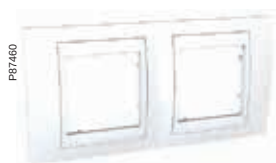
Slate grey .x77

Unica Plus

Cover frames



MGU6.002.18



MGU6.004.18



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

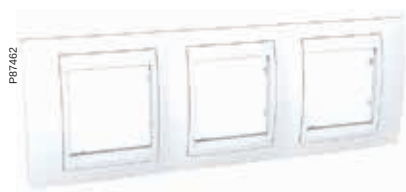
2 gang horizontal installation



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



MGU6.006.18

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

3 gang horizontal installation



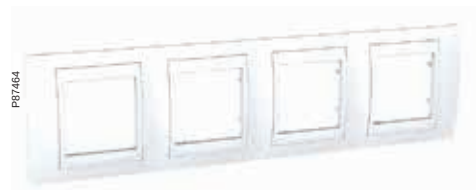
Colour	white	ivory
white	MGU6.006.18	
ivory		MGU6.006.25
champagne	MGU6.006.824	MGU6.006.524
indigo blue	MGU6.006.842	MGU6.006.542
terracotta	MGU6.006.851	MGU6.006.551
glacier blue	MGU6.006.854	MGU6.006.554
apple green	MGU6.006.863	MGU6.006.563
mist grey	MGU6.006.865	MGU6.006.565
pistachio	MGU6.006.866	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

Unica Plus

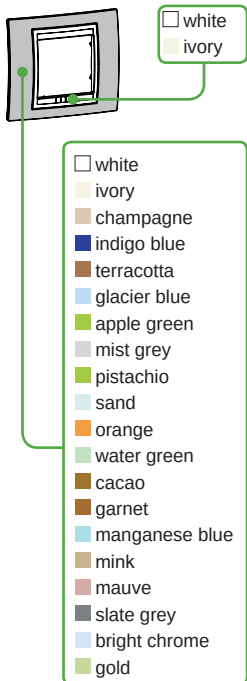
Cover frames



MGU6.006V.18



MGU6.008.18



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

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



MGU6.014V.18



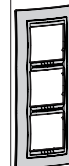
MGU6.016V.18

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
garment	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
garment	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
garment	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	



MGU248.424.18



MGU48.426.18

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

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

Unica Plus

Cover frames

www.schneider-electric.com



MGU6.502.18

MGU6.504.18



MGU6.506.18



MGU61.002.18G

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	

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

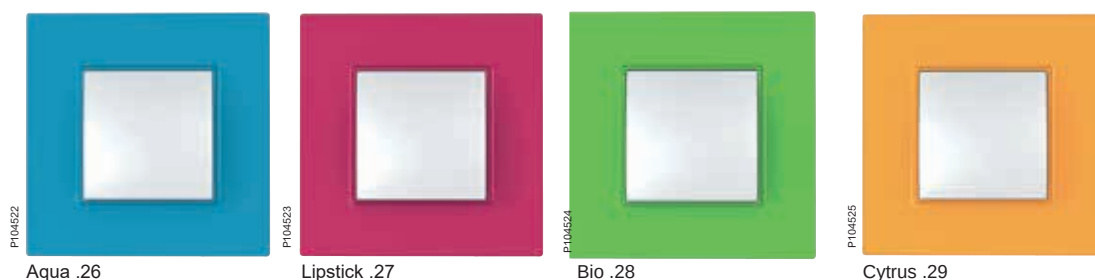


Unica Quadro aesthetics

Metallized colours



Natura colours





P104903

Pearl colours



P104526

Salmon .37

P104527

Pearl .35

P104528

Candy .36

Quadro colours



P104520

White .18

P104521

Ivory .25

P104518

Stone .16

P104519

Urban green .17



MGU2.702.18



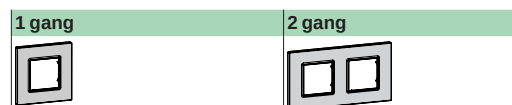
MGU2.704.18



MGU42.706.18



MGU2.708.18



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

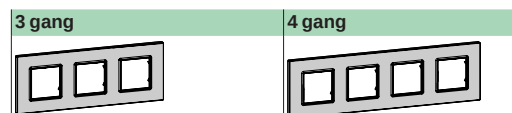
aqua	MGU4.702.26	MGU4.704.26
lipstick	MGU4.702.27	MGU4.704.27
bio	MGU4.702.28	MGU4.704.28
citrus	MGU4.702.29	MGU4.704.29

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



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
citrus	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

Unica Quadro

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



Unica Allegro aesthetics



White .18



Ivory .25



Cream .59



Sand .67



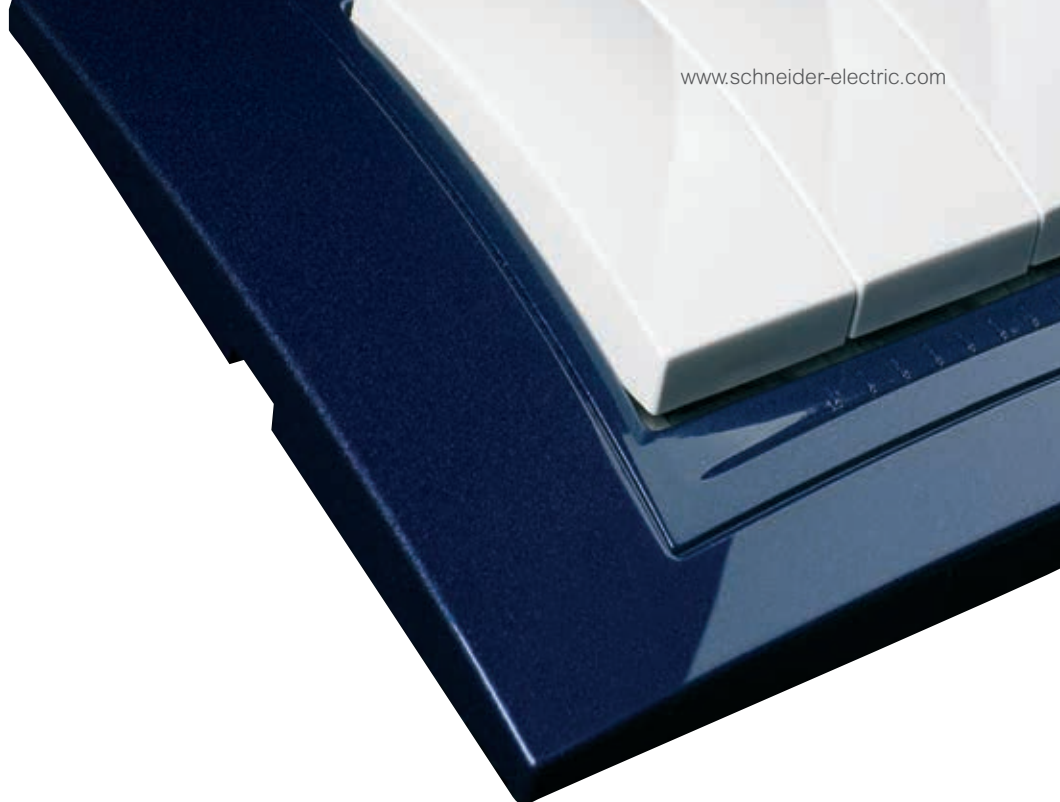
Golden .64



Bronze .13



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



MGU4.101.18



MGU4.102.18



MGU4.103.18

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

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

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



MGU4.104.18



MGU4.106.18

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

6 modules

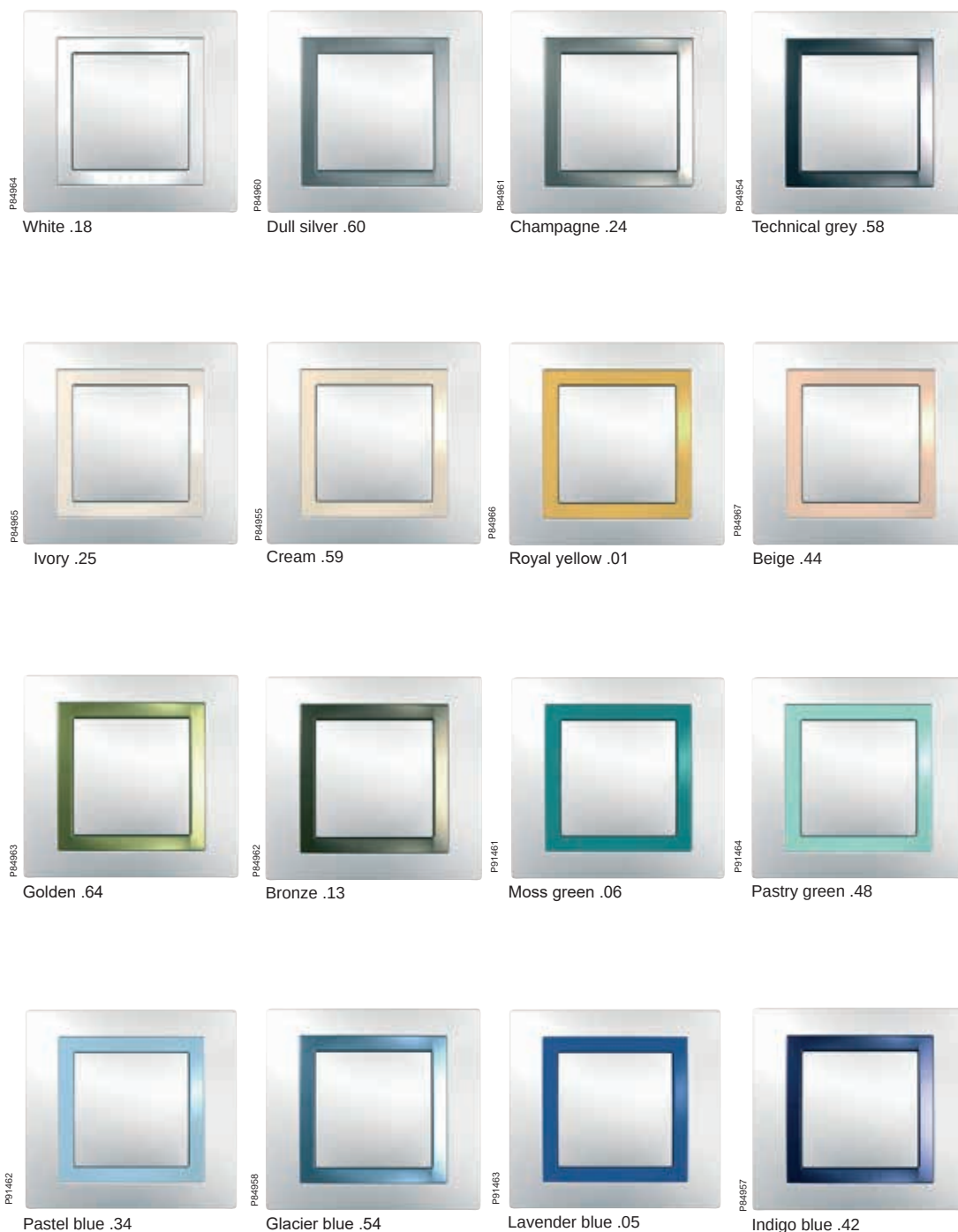


Colour	
☐ white	MGU4.106.18
☐ ivory	MGU4.106.25
☐ technical grey	MGU4.106.58
☐ aluminium	MGU4.106.30
☐ cream	MGU4.106.59
☐ graphite grey	MGU4.106.62
☐ indigo blue	MGU4.106.42
☐ glacier blue	MGU4.106.54
☐ terracotta	MGU4.106.51
☐ dull silver	MGU4.106.60
☐ champagne	MGU4.106.24
☐ bronze	MGU4.106.13
☐ golden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

Unica Colors



Unica Colors aesthetics



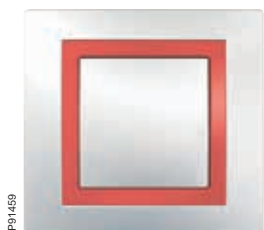


P104902



P84956

Graphite grey .62



P91459

Red .43



P84959

Terracotta .51



P91460

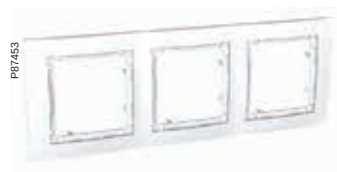
Violet .31



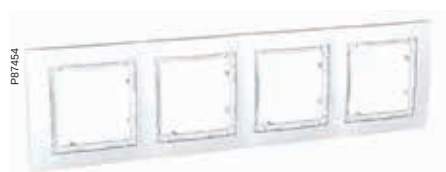
MGU4.002.18



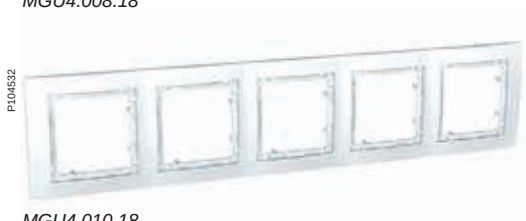
MGU4.004.18



MGU4.006.18



MGU4.008.18



MGU4.010.18



MGU22.302.18

1 gang



Colour

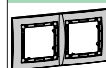
☐ white

☐ ivory

MGU4.002.18

MGU4.002.25

2 gang



Colour

☐ white

☐ ivory

MGU4.004.18

MGU4.004.25

3 gang



Colour

☐ white

☐ ivory

MGU4.006.18

MGU4.006.25

4 gang



Colour

☐ white

☐ ivory

MGU4.008.18

MGU4.008.25

5 gang



Colour

☐ white

☐ ivory

MGU4.010.18

MGU4.010.25

Cover frames and boxes

1 gang complete assembly



Colour

☐ white

☐ ivory

MGU22.302.18

MGU22.302.25

2 gang complete assembly



MGU22.304.18

MGU22.304.25

Cover and fixing frame + box



MGU4.000.18



MGU2.502.18

P87492

Decorative frames



Colour	
☐ white	MGU4.000.18
☐ ivory	MGU4.000.25
☐ royal yellow	MGU4.000.01
☐ lavender 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

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

Unica Basic

Cover frames

www.schneider-electric.com



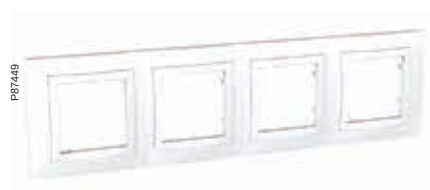
MGU2.002.18



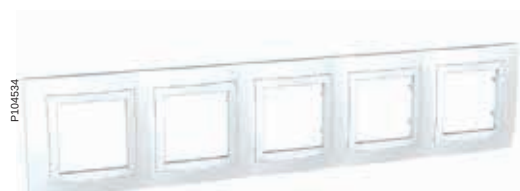
MGU2.004.18



MGU2.006.18



MGU2.008.18



MGU2.010.18



MGU47.201.18P



MGU47.202.18P

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



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	

	page
Switches and push-buttons	156
MCB and RCD switches	160
Fuse holders	161
Rotary electronic dimmer switches	162
Push-button dimmer switches	166
Movement and presence detectors	167
Thermostats	171
Weekly-programmable thermostats	173
Time-delay switches	175
Weekly programmable timers	176
Weatherstations	177
Wake up clocks	178
Key card switches	179
Technical alarms	181
Socket-outlets	182
RJ45 data sockets	183
TV/FM/SAT sockets	192
USB chargers	194
In-wall bluetooth audio receivers	195
Telephone sockets	197
Indicator lamps	198
Buzzers	199
Electronic bells	200
Emergency lights	201
Autonomous pilotlamps	202
Fixing frames	203
Surface-mounted boxes	205
IP55 surface-mounted boxes	206
Flush mounting boxes	207
Cover frames	208

Unica

Technical information

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

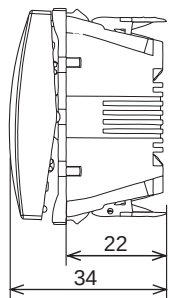
- Rated current and voltage: 10 A- 250 V AC (2.5 A motor control).
- Used to control motorized shutters, roller blinds, etc.
- These devices are available in 2 ranges:
 - switch: for direct start-up of motors without automation system (with limit stop)
 - push-button: for motor control by automation 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

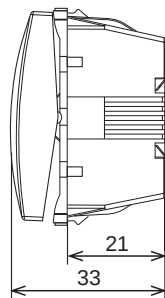
- Rated current and voltage: 10 AX 250 V AC; 16 AX 250 V AC, 20 AX and 32 A (25 AX) (also suitable for fluorescent loads).
- Materials: self-extinguishing technopolymer with excellent impact strength and halogen-free.
- All the devices and covers are resistant to cleaning products and UV radiation.
- 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

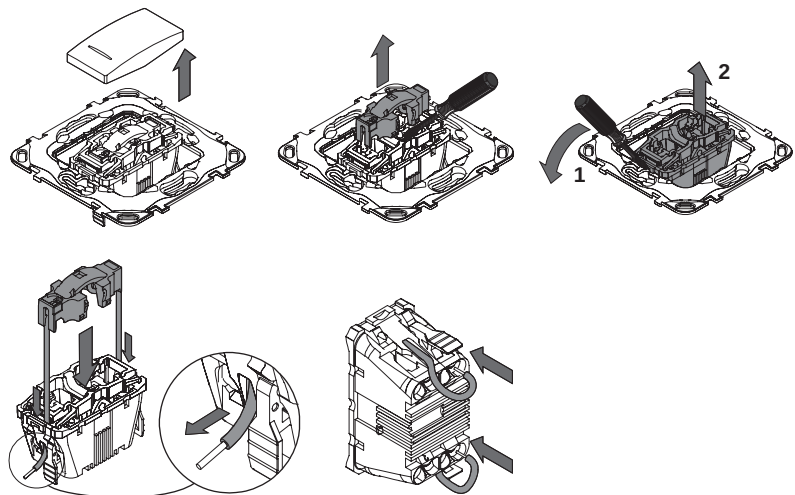
- These devices can be easily assembled and disassembled by the front panel by clipping On and Off. During assembly, a «clicking» noise informs you that the device has been placed correctly in the rack.
- Push-buttons can be customized on request using drawings produced by pad printing.

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.

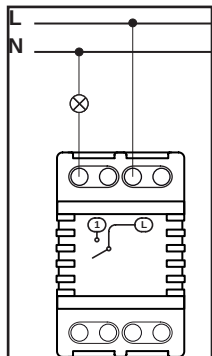
Blue locator or amber indicator lamps

Lamps replacement

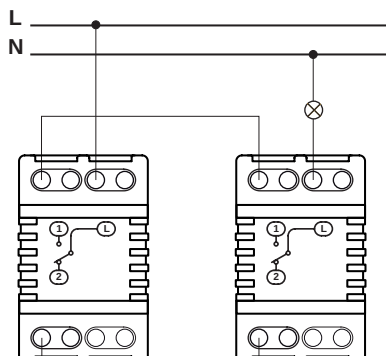


Switches and push-buttons

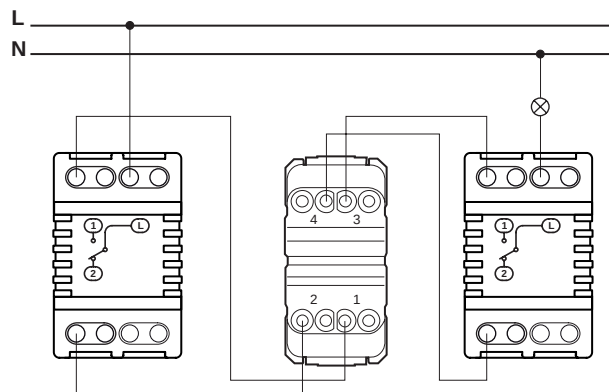
Connection examples



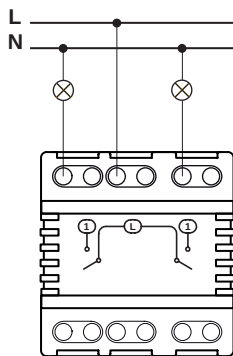
One-way switch



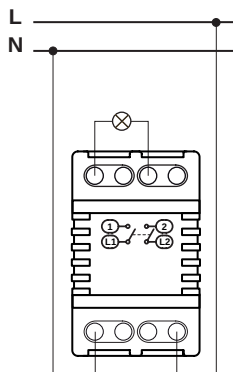
2 two-way switches



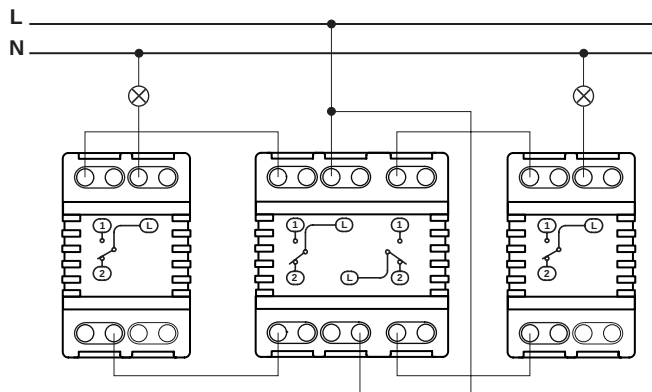
2 two-way switches + 1 intermediate switch



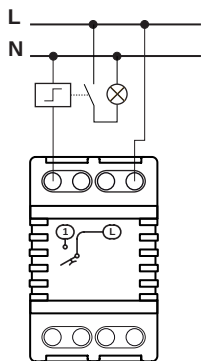
Double one-way switch



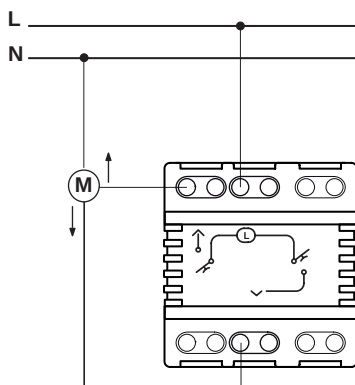
Double pole switch



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



Push-button



Switch or push-button for roller blinds

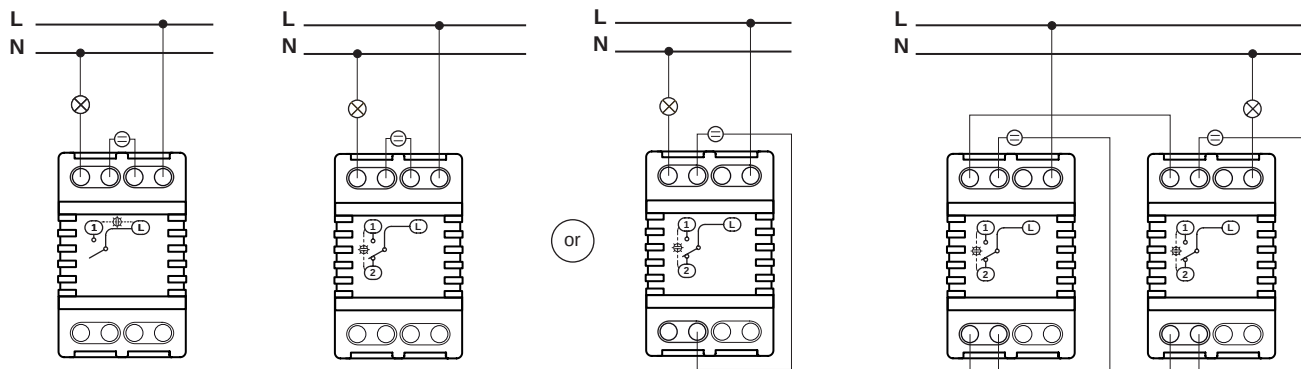
Unica

Technical information

Switches and push-buttons

Switches and push-buttons with locator lamps

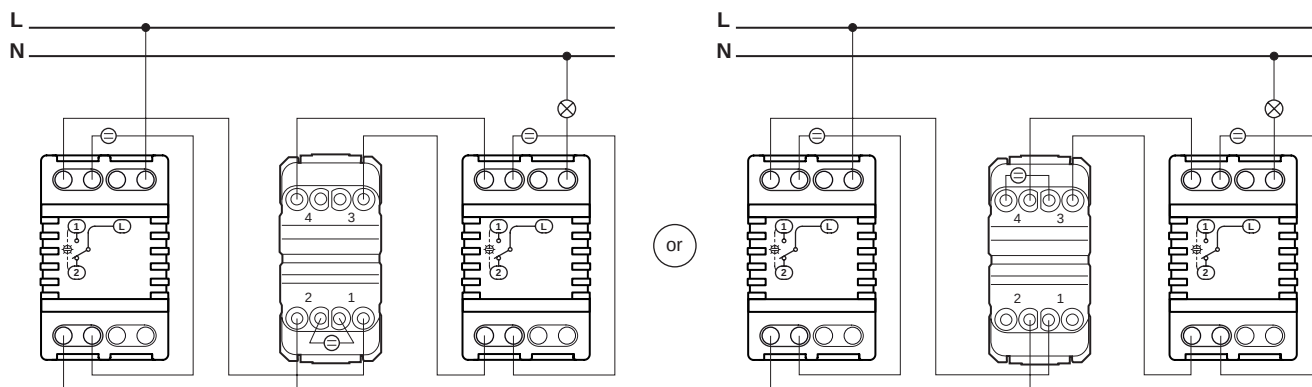
Connection examples



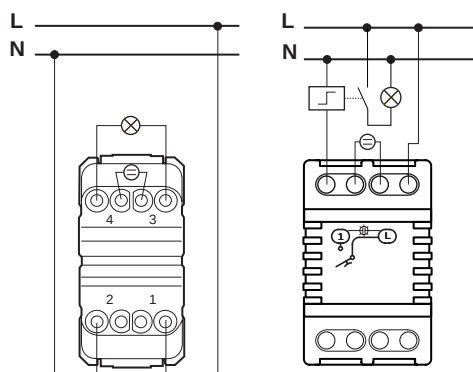
One-way switch
with locator lamp

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

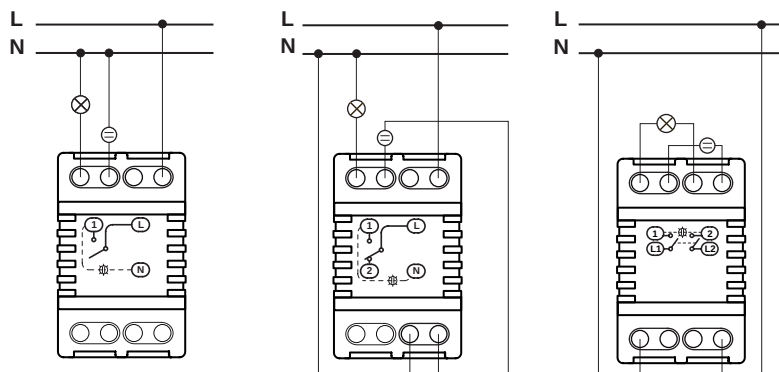


Double pole switch
with locator lamp

Push-button
with locator lamp

Switches and push-buttons with indicator lamps

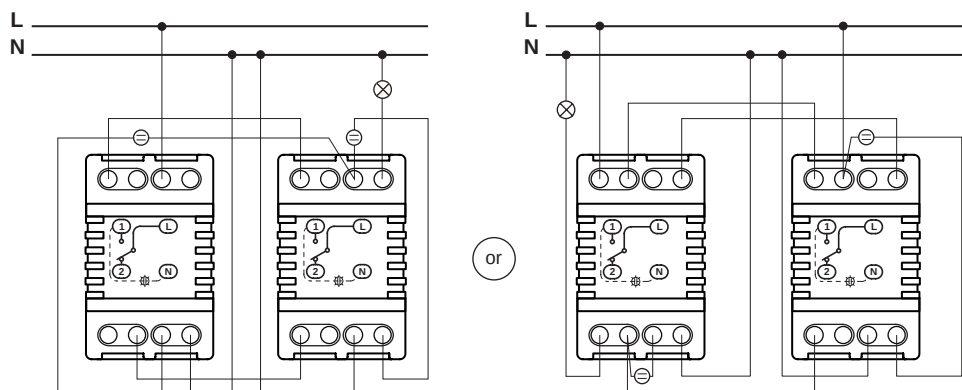
Connection examples



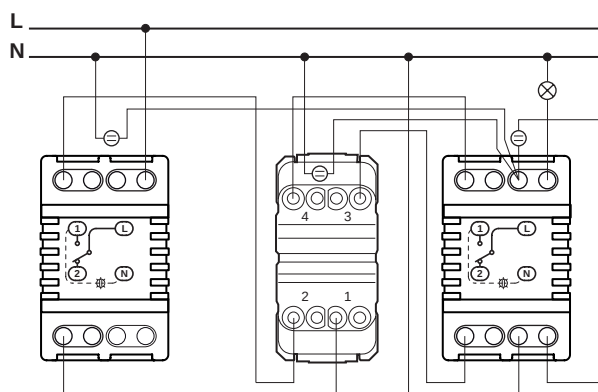
One-way with indicator lamp

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

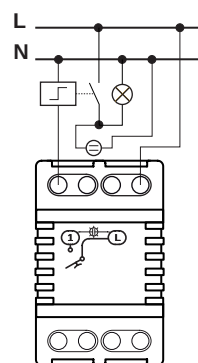
Double pole switch
with indicator lamp



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

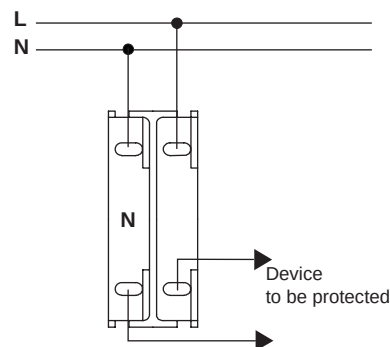
- Miniature circuit breaker switches (MCB) and Residual current device switches (RCD) are used in addition to the safety device installed at the incoming end of the system. They can therefore significantly improve the protection of sensitive parts of the system against overloads, short-circuits and bypass 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

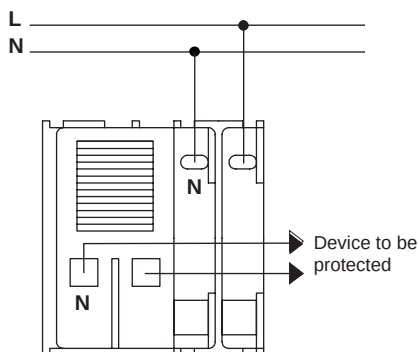
- In accordance with EN 60898 and EN 61009-1:
- the electromagnetic part conforms to EN 60898
 - the differential part conforms to EN 61009.

Connections

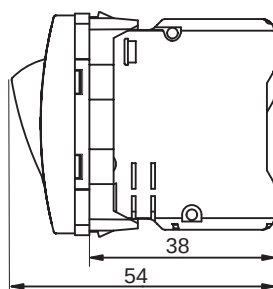
MCB connection



RCD connection

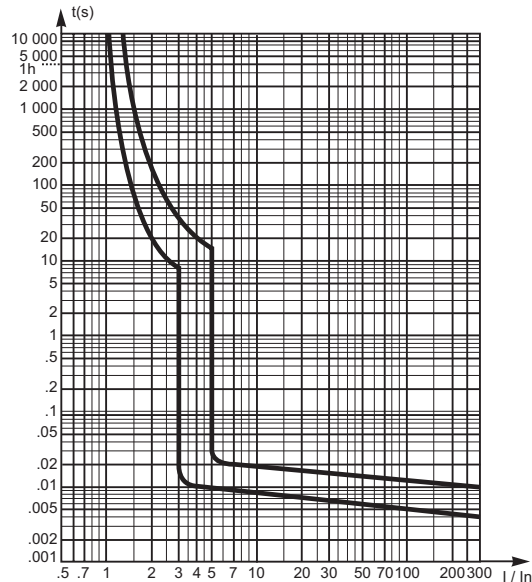


Dimensions (mm)



Technical data

- Rated voltage: 230 V AC $\pm 10\%$, 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 mm^2 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.

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

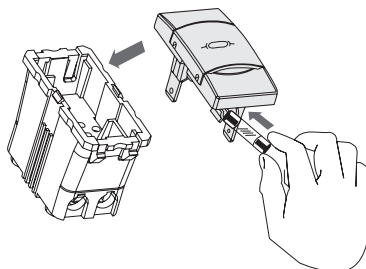
Fuse holder with a permissible maximum current of 16 A at 230 V AC for 8.5 x 31.5 mm, 00 type fuses (not supplied).

Standards

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

Fuse replacement

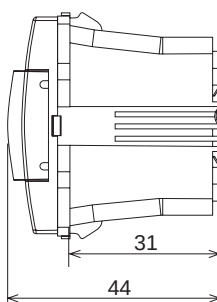
MGU3.630.XX



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 $\pm 10\%$, 50 Hz.
- For fluorescent tubes $\varnothing 26$ 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, $\varnothing 26$ 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 %
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Load table

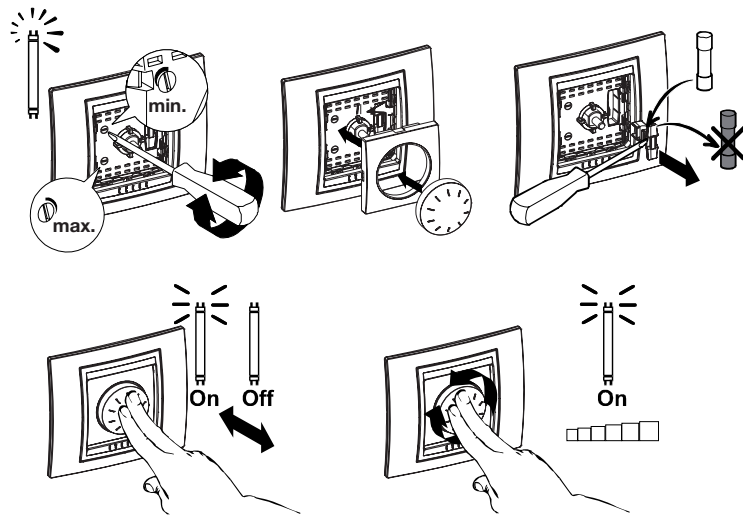
1	2	3	4	5	6	7	8	9
25 °C 230 V 50 Hz Max. VA	NO	NO	NO	NO	400	NO	NO	NO

- 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)

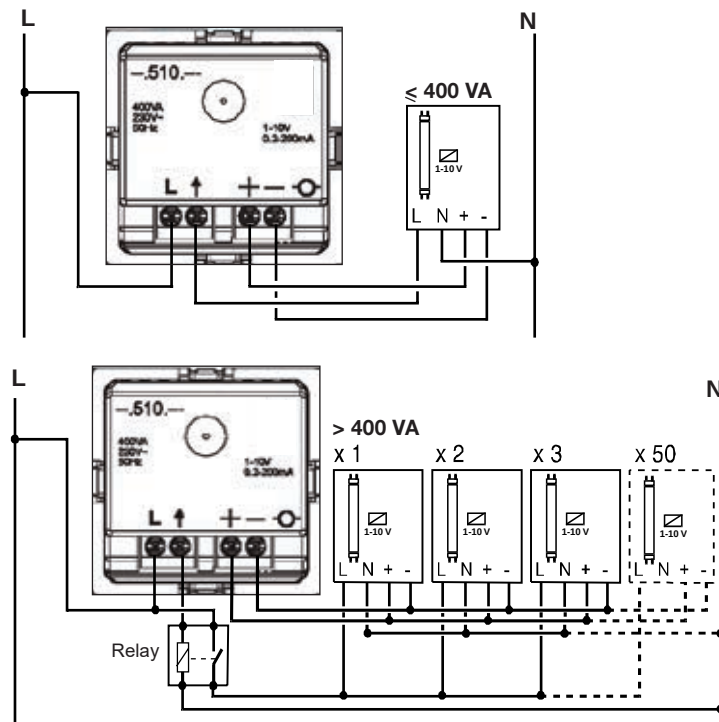
Standards

In accordance with EN 60669-2-1.

Use

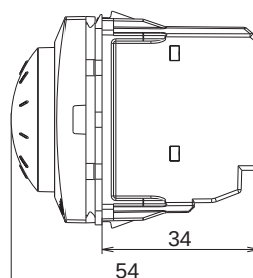


Connections



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

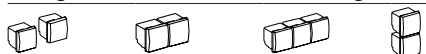
Area of application

- 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 $\pm 10\%$ 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

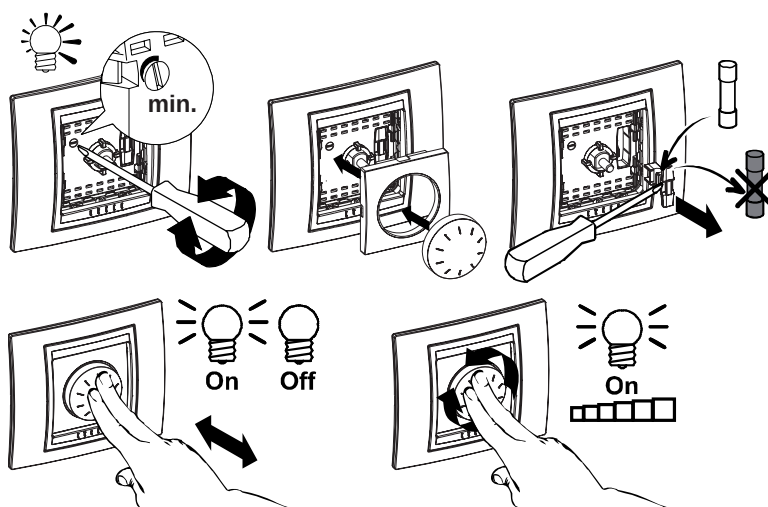
	1	2	3	4	5	6	7
25 °C 230 V 50 Hz							
Max. Min. W/VA	400 40 400	400 40 400	NO NO NO	NO NO NO	NO NO NO	NO NO NO	NO NO NO

- 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)

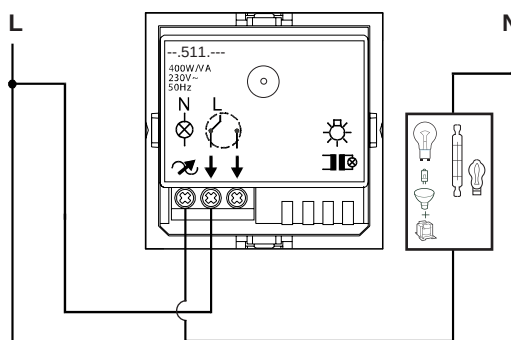
Standards

In accordance with EN 60669-2-1.

Use

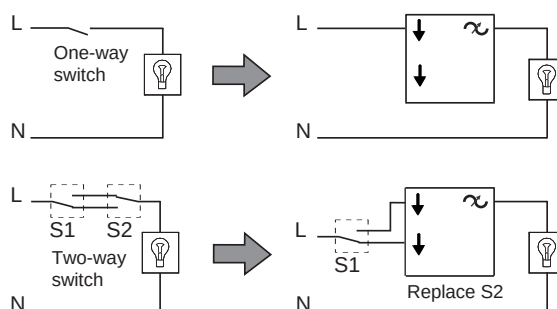


Connections

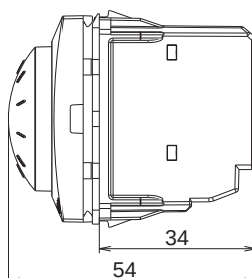


Connection terminals: screw connection for cables up to 2 x 2.5 mm²

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 $\pm$ 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

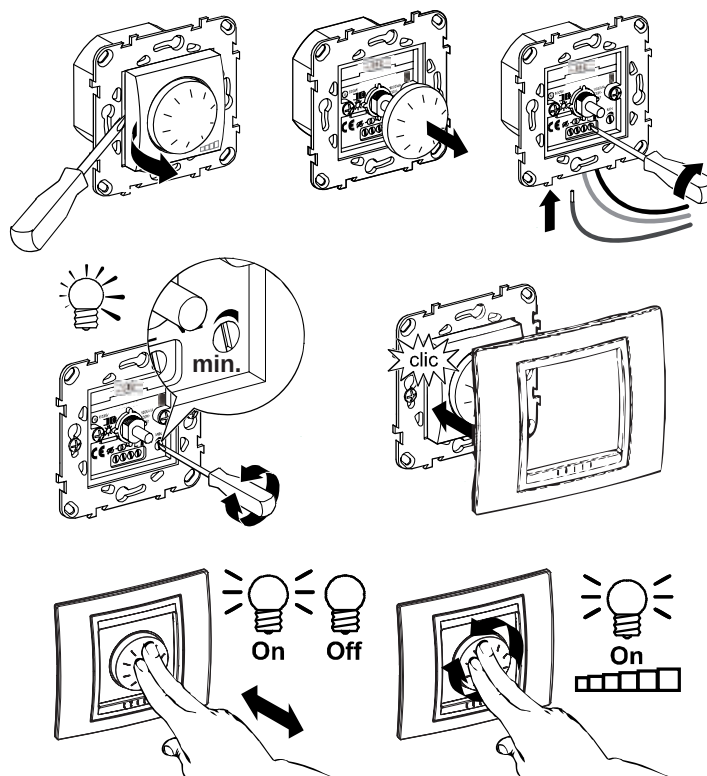
	1	2	3	4	5	6	7
25 °C 230 V 50 Hz							
Max. Min. W/VA	1000 40	1000 40	NO NO	NO NO	NO NO	NO NO	600 60

- 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)

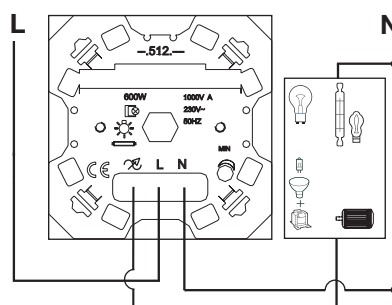
Standards

In accordance with EN 60669-2-1.

Use

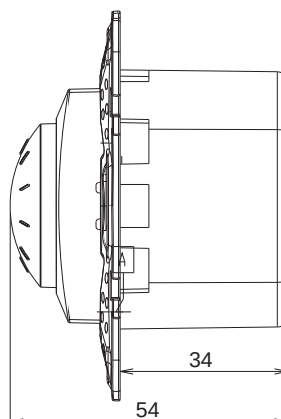


Connections



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

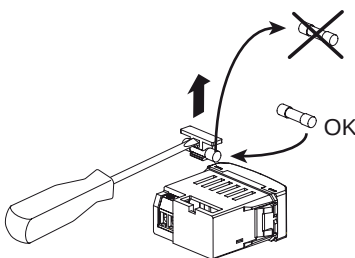
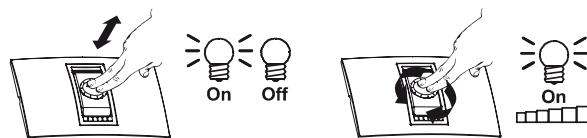
	1	2	3	4	5	6
25 °C 50/60 Hz						
127 V AC						
Max. W/VA	250	NO	NO	NO	NO	NO
Min. W/VA	40					
230 V AC						
Max. W/VA	400	NO	NO	NO	NO	NO
Min. W/VA	60					

- 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)

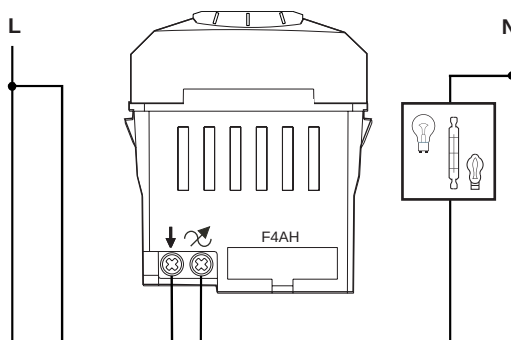
Standards

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

Use

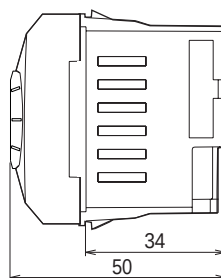


Connections



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

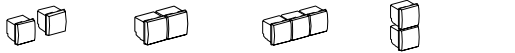
Area of application

- 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 $\pm 10\%$, 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

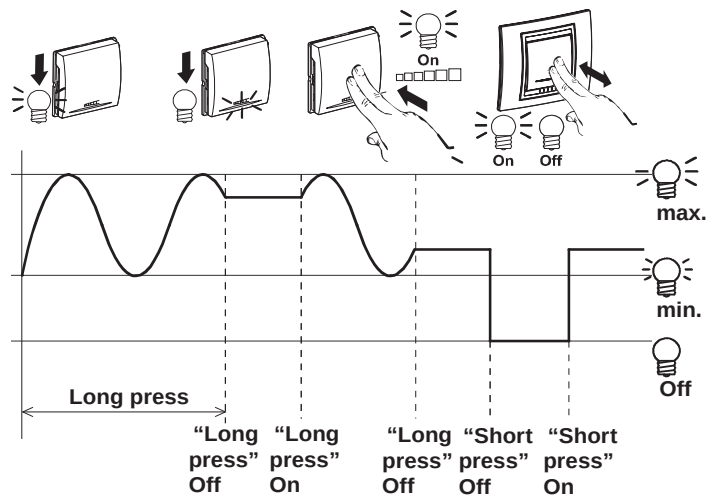
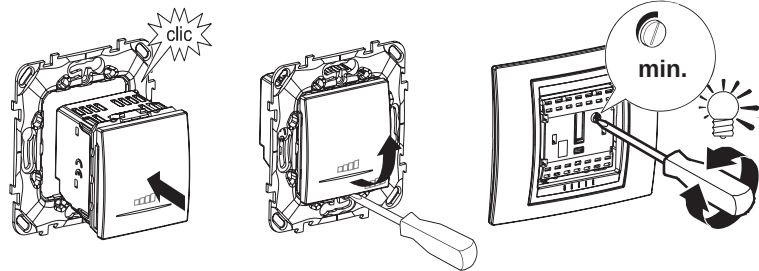
	1	2	3	4	5	6	7	8	9
25 °C 230 V 50 Hz									
Max. Min. W/VA	250 20	350 20	350 20	300 20	NO	NO	NO	200 20	350 20

- 1 - Incandescent lamps
- 2 - Halogen lamps
- 3 - Low voltage halogen lamps with ferromagnetic transformer or electronic transformer
- 4 - Low voltage halogen lamps with toroidal 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

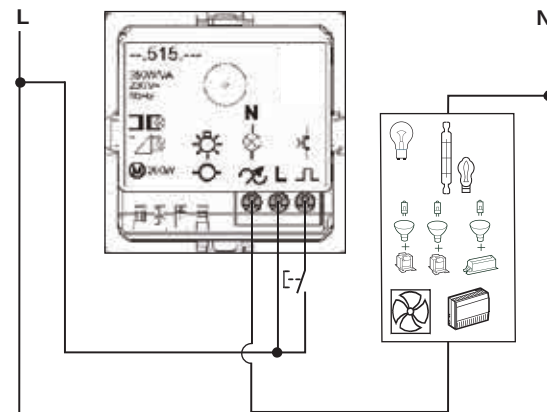
Standards

In accordance with EN 60669-2-1.

Use

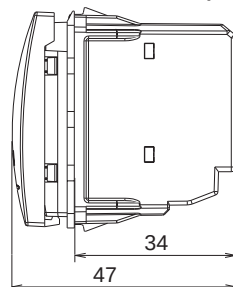


Connections



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 $\pm 10\%$, 50 Hz.
- Movement detection area:
 - 10 x 20 m (PIR mounting height: 2.15 m)
 - 9 x 18 m (PIR mounting height: 1.2 m).
- Presence detection area:
 - 6 x 12 m (PIR mounting height: 2.15 m).
 - 5 x 10 m (PIR mounting 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: adjustable 2 s to 20 min.
- Luminosity threshold: adjustable 5 to 1000 lux.

Load table

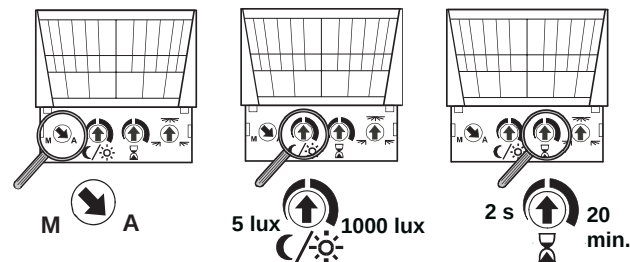
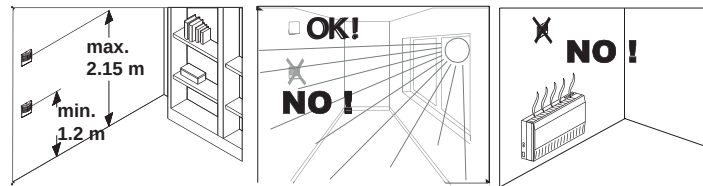
	1	2	3	4	5	6	7
25 °C 230 V 50 Hz							
Max. Min. WVA	300 40	NO	NO	NO	NO	NO	NO

- 1 - Incandescent lamps, halogen lamps or heaters (Pf > 0.9)
- 2 - Low voltage halogen lamps with ferromagnetic or toroidal 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

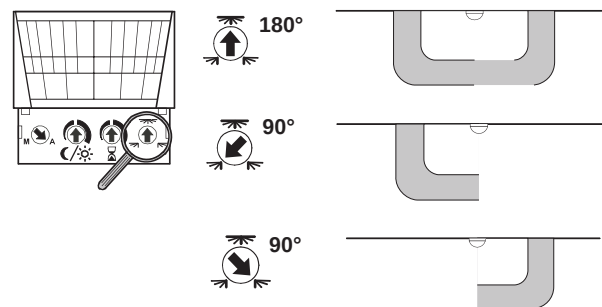
Standards

In accordance with EN 60669-2-1.

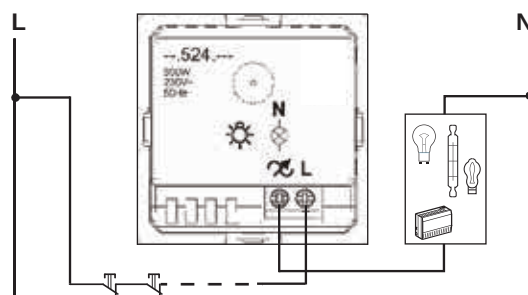
Use



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.

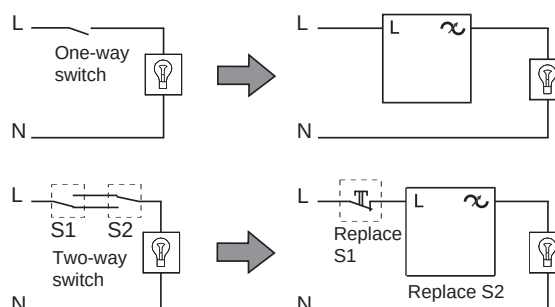


Connections



- 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.

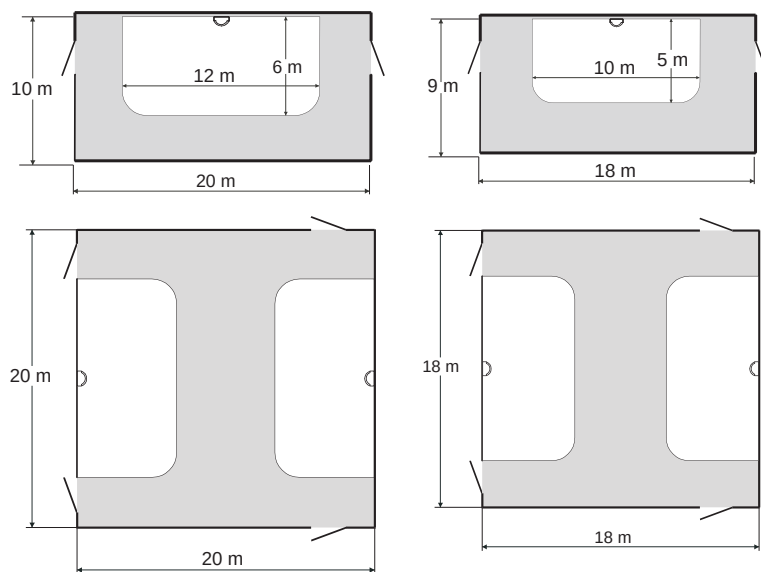
Substitution examples



Movement and presence detectors

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

Detection areas



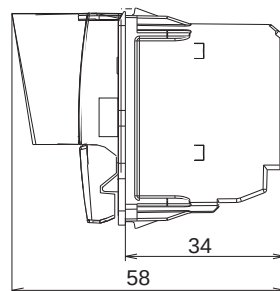
Maximum mounting height: 2.15 m

Maximum mounting 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 $\pm 10\%$, 50 Hz.
- Movement detection area:
 - 10 x 20 m (PIR mounting height: 2.15 m)
 - 9 x 18 m (PIR mounting height: 1.2 m).
- Presence detection area:
 - 6 x 12 m (PIR mounting height: 2.15 m).
 - 5 x 10 m (PIR mounting 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 conjunction with a master detector, allowing a larger detection area coverage.
- Time delay: adjustable 2 s to 20 min.
- Luminosity threshold: adjustable 5 to 1000 lux.

Load table

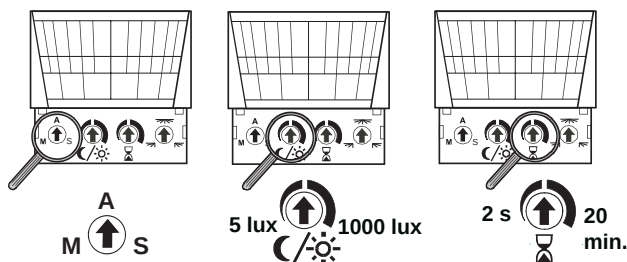
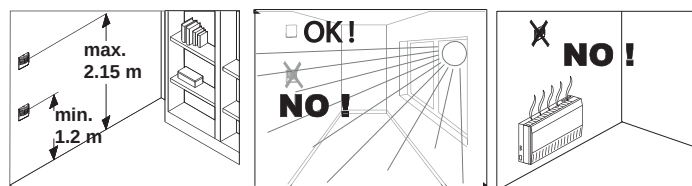
	1	2	3	4	5	6	7	8	9	10
25 °C 230 V 50 Hz Max. WVA	2300	2000	1050	1150	2000	500	500	200	2300	200

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

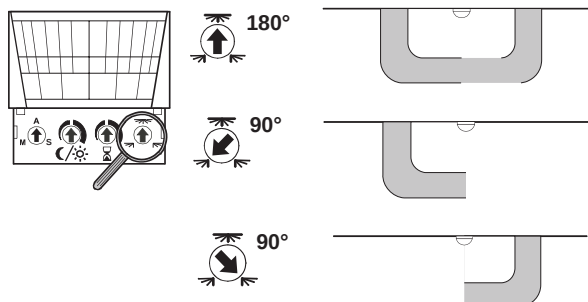
Standards

In accordance with EN 60669-2-1.

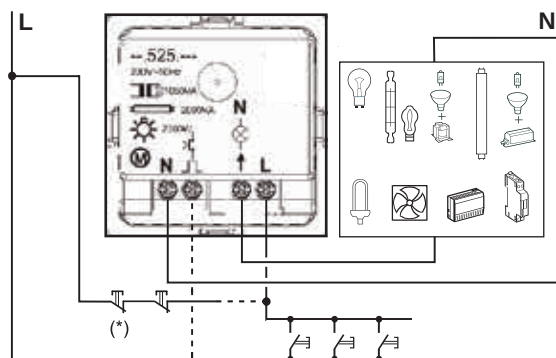
Use



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 conjunction with a master detector, allowing a larger detection area coverage.

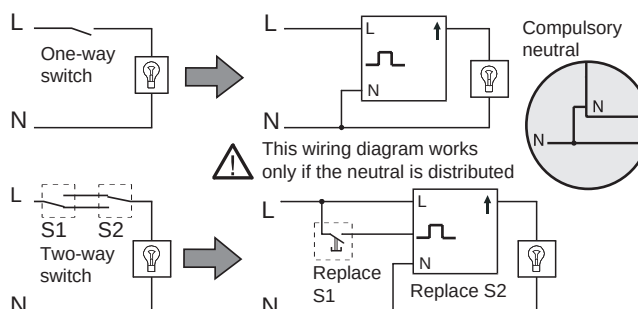


Connections



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.

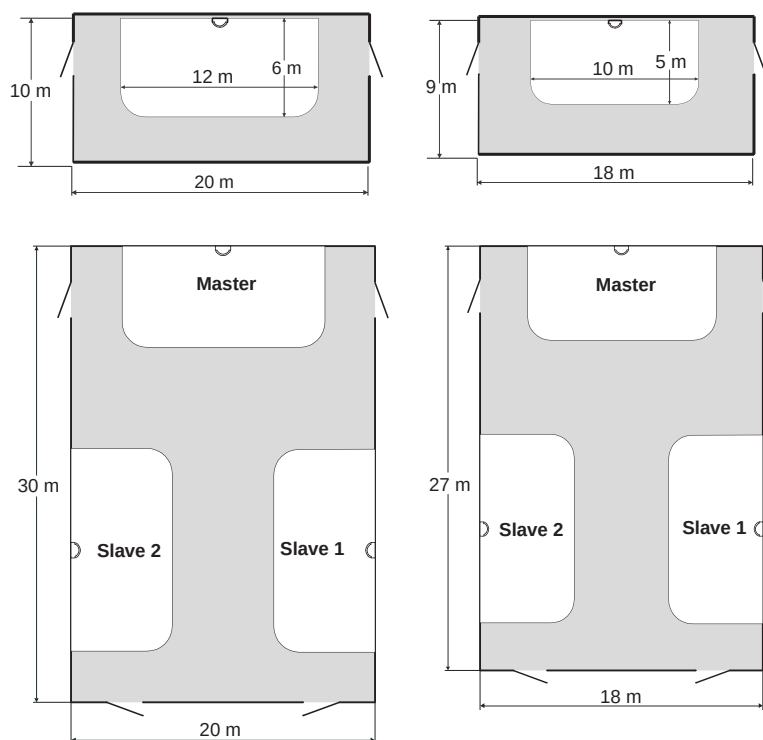
Substitution examples



Movement and presence detectors

MGU3.525.XX - 2300 W (cont'd)

Detection areas

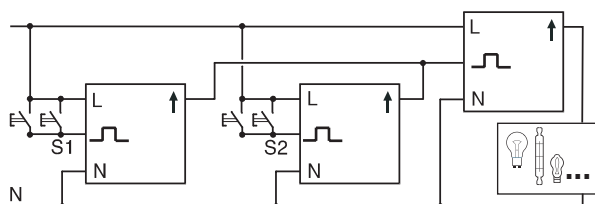


Maximum mounting height: 2.15 m

Maximum mounting height: 1.2 m

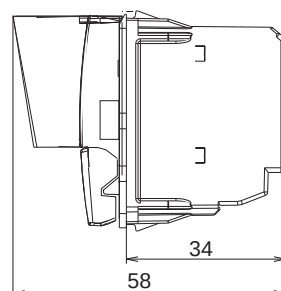
Slaves allow coverage of a larger area

□ 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 than 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. .

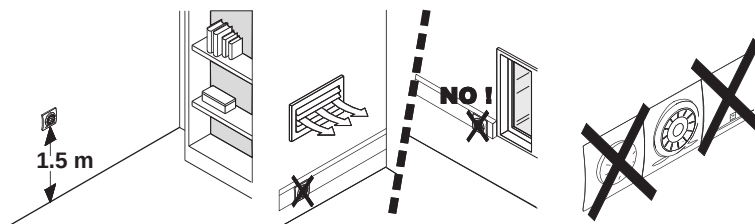
Technical data

- Rated voltage: 230 V AC $\pm 10\%$, 50 Hz.
- Settings range: $+5\text{ }^{\circ}\text{C}$ to $+30\text{ }^{\circ}\text{C}$.
- Accuracy: $0.5\text{ }^{\circ}\text{C}$.
- The comfort temperature is set via a graduated dial on the front panel.
- Load types:
 - 8 A (resistive)
 - 2 A, $\text{Pf}(\cos\phi) = 0.6$ (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

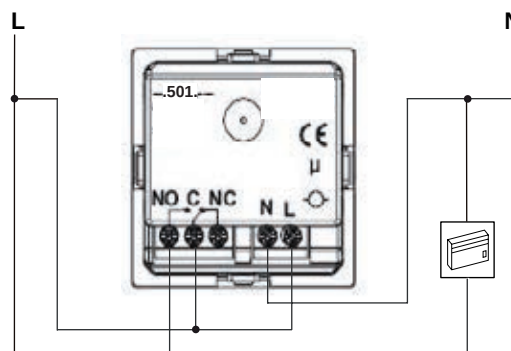
- In accordance with:
- EN 607320-2-9.
 - LV and EMC directives.

Use

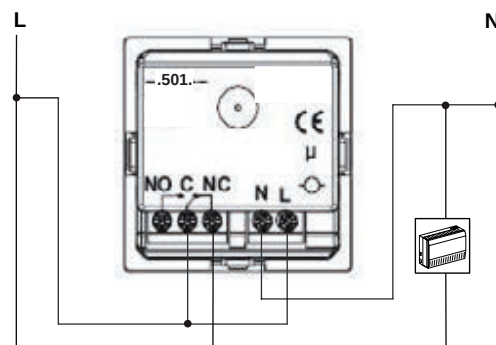


Connections

Heating

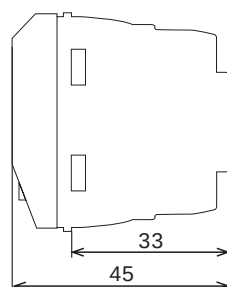


Air-conditioning



- 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 $2 \times 2.5\text{ mm}^2$

Dimensions (mm)



Thermostats

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

Area of application

Floor heating for homes.

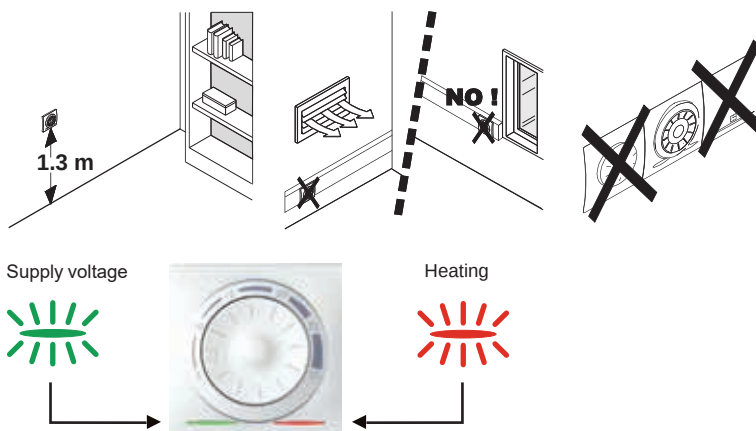
Technical data

- Rated voltage: 230 V AC $\pm$ 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, $\cos\phi = 1$ (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 k Ω at 25°C, NTC sensor
 - length: 4 m.

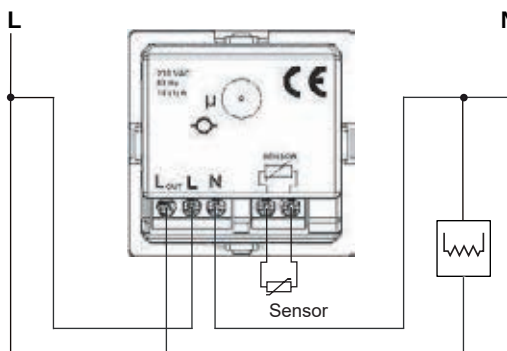
Standards

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

Use



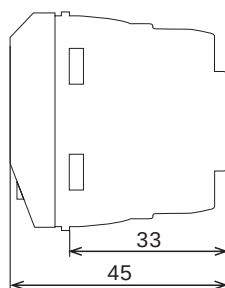
Connections



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)



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 $\pm$ 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).

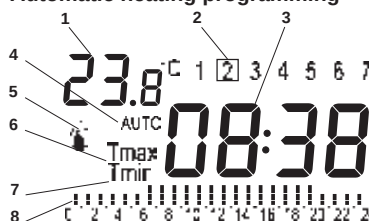


Simultaneously press the MENU and OK keys for 10 s (only from AUTO mode) to restore the original parameters. Press the «▲» and «▼» keys for 5 s (only from AUTO mode) to access INSTALLER PARAMETERS.

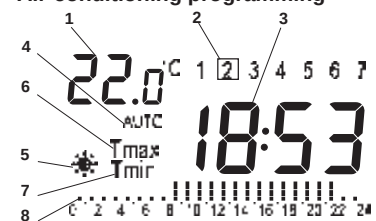


Press the «▲» and «▼» keys for 5 s (only from AUTO mode) to access INSTALLER PARAMETERS.

Automatic heating programming



Air-conditioning programming

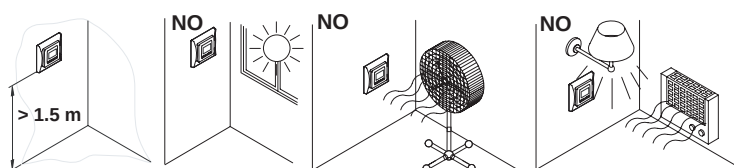


- 1 - Ambient room temperature in °C
- 2 - Day indicator
- 3 - Time indicator
- 4 - AUTO indicator: automatic function
- 5 - Heating or air-conditioning indicator: On (●) or On (*)
- 6 - Tmax indicator: comfort temperature indicator
- 7 - Tmin indicator: economy temperature indicator
- 8 - Temperature/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

Weekly-programmable thermostats

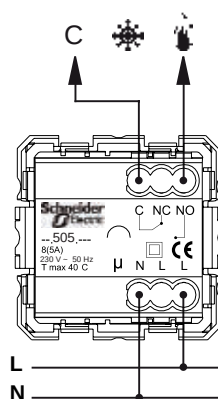
MGU3.505.XX- 8 A resistive/ 5 A inductive (cont'd)

Installation

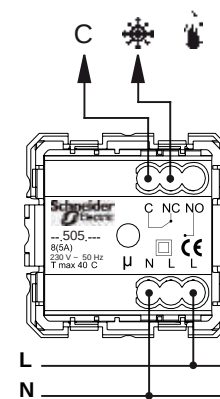


Connections

Heating

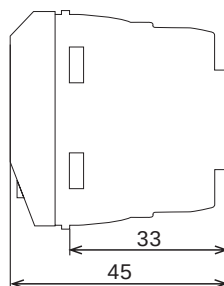


Air-conditioning



- 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 $\pm 10\%$, 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

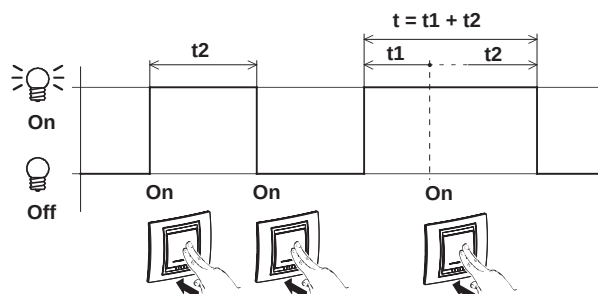
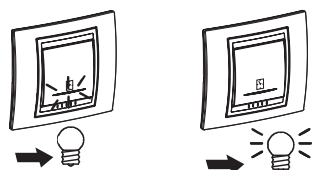
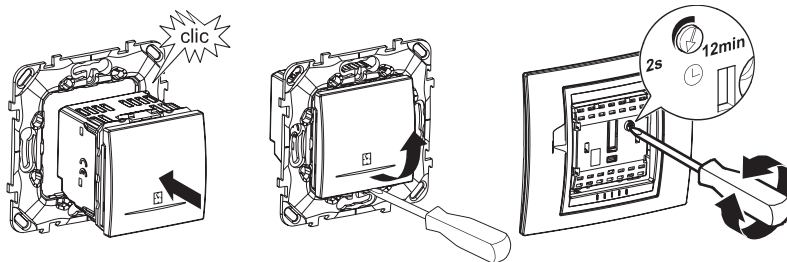
	1	2	3	4	5	6	7	8
25 °C 230 V 50 Hz								
Max.	1800 W	1300 W	1000 VA	1800 W	8 A 35 μ F	60 W	3 A	1800 W

- 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

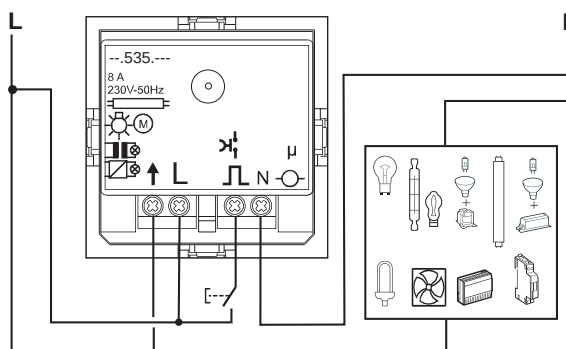
Standards

In accordance with EN 60669-2-1.

Use

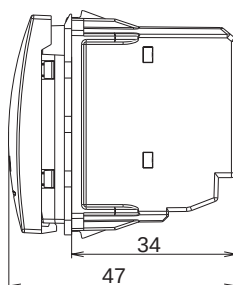


Connections



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

Dimensions



Unica

Technical information

Time delay switches

MGU3.535.XX

www.schneider-electric.com

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 $\pm 10\%$, 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

Icon	1	2	3	4	5	6	7	8	9
25 °C 230 V 50 Hz Max. WVA	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

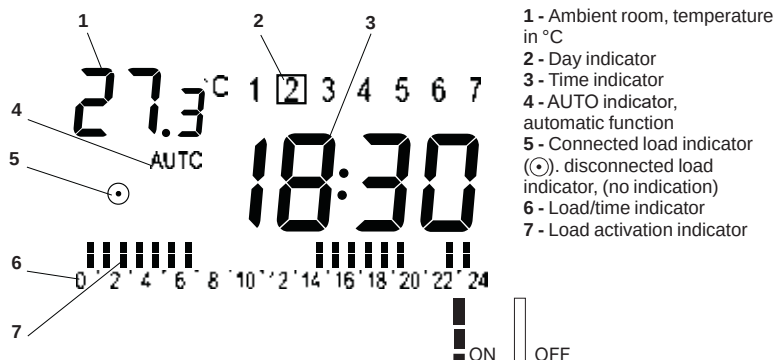
User data

- **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.

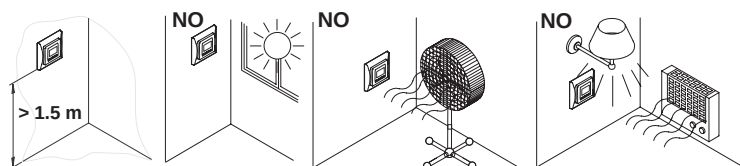
Keys

- Menu/ 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.
- 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).

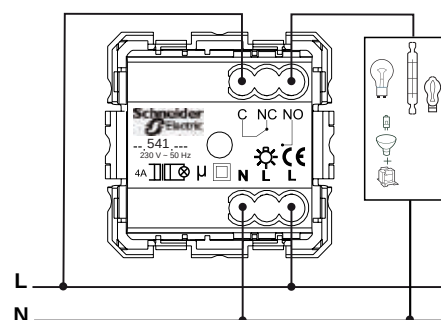
Automatic mode screen



Installation

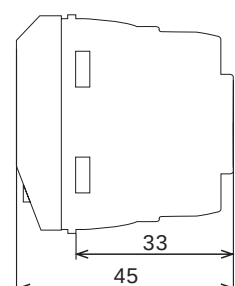


Connections



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

Dimensions (mm)



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 $\pm$ 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

MENU



SELECT



OK



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.

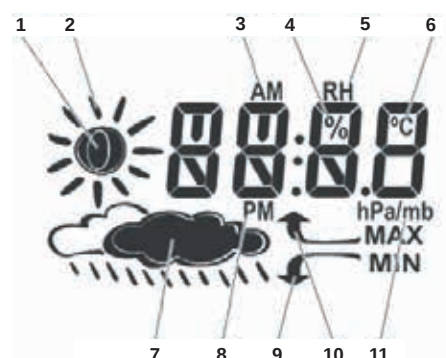
Increase values/ SELECT

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

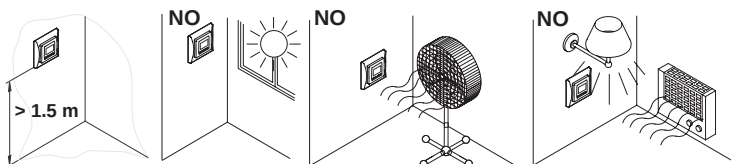
Confirm values and actions

Automatic mode screen

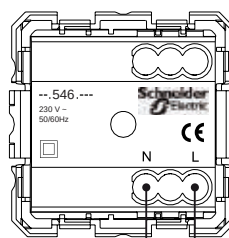


- 1 - Sunny weather forecast
- 2 - Sunlight status information
- 3, 8 - Twelve-hour time indicators
- 4, 5 - Relative humidity expressed as a %
- 6 - Indoor temperature in °C
- 7 - Atmospheric conditions forecast
- 9, 10 - Atmospheric pressure trend
- 11 - Atmospheric pressure in hPa/mb (hecto pascal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

Installation

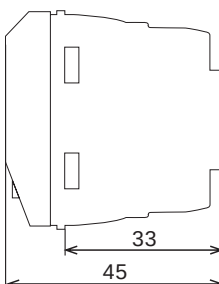


Connections



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

Dimensions (mm)



Unica

Technical information

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 $\pm 10\%$, 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



SELECT



OK



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.

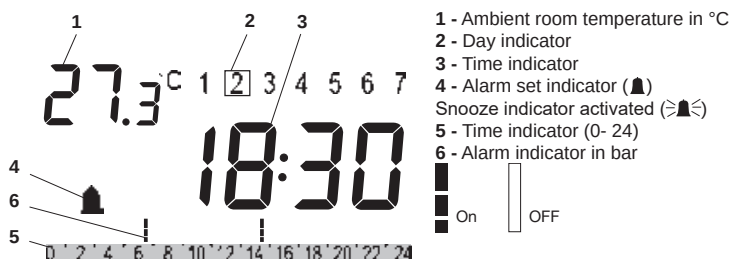
Increase values / SELECT

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

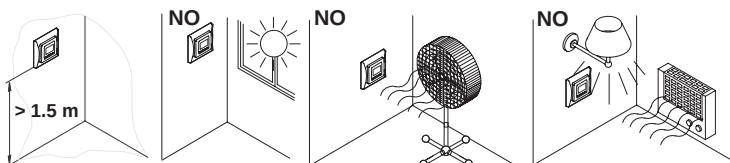
Decrease values

Confirm values and actions

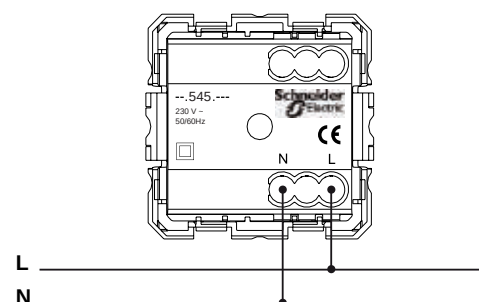
Automatic mode screen



Installation

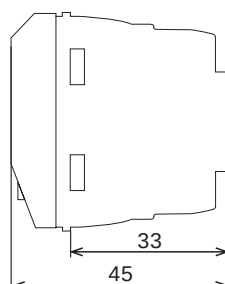


Connections



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 $\pm 10\%$, 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)

	1	2	3	4	5	6	7	8	9	10
25 °C 230 V 50 Hz										
Max. WVA	1470	1000	1470	1470	NO	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

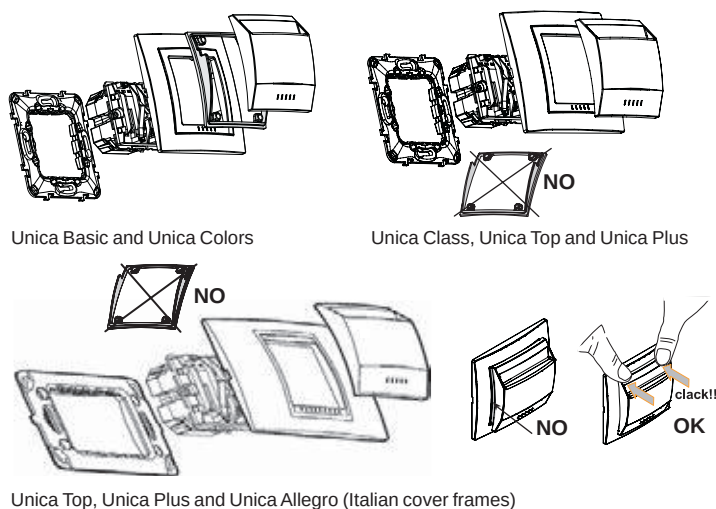
MGU3.283.XX (10 A)

- Power supply: 230 V AC $\pm 10\%$ 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.

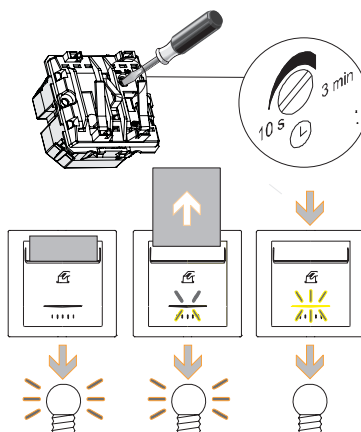
Standards

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

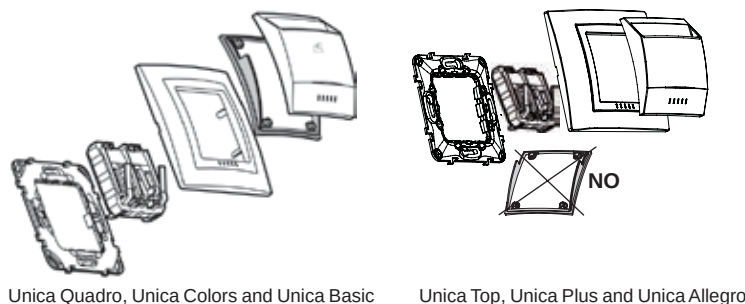
Installation (MGU3.540.XX)



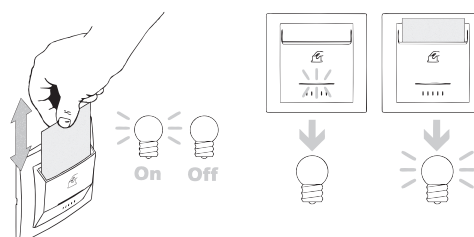
Use (MGU3.540.XX)



Installation (MGU3.283.XX)



Use (MGU3.283.XX)

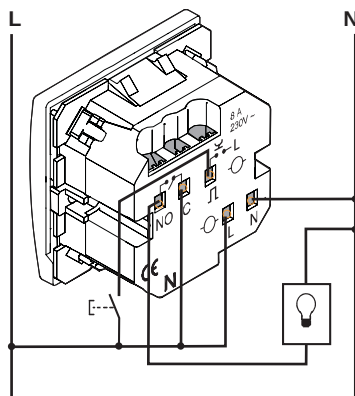


Key card switches

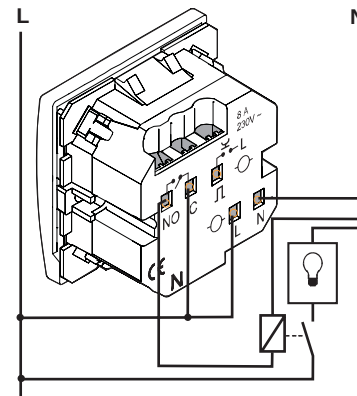
MGU3.540.XX (8 A timed) - MGU3.283.XX (10 A) (cont'd)

Connections (MGU3.540.XX)

< 8 A



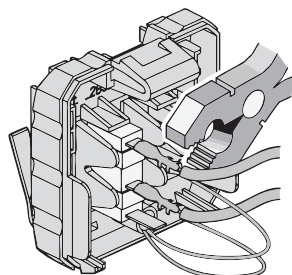
> 8 A



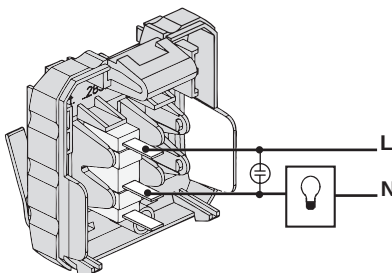
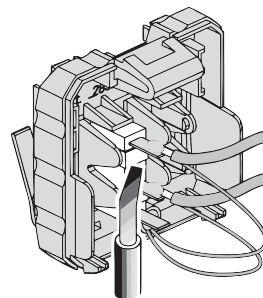
Connection terminals: screw connection for cables up to 2 x 2.5 mm².

Connections (MGU3.283.XX)

6 A max. (Faston)



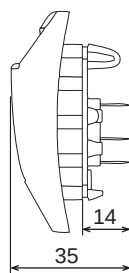
10 A (soldering)



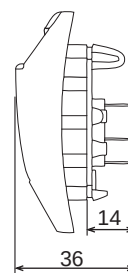
Connection terminals: Faston or soldering connection for cables up to 2.5 mm².

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 ambient 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 dB -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 dB -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

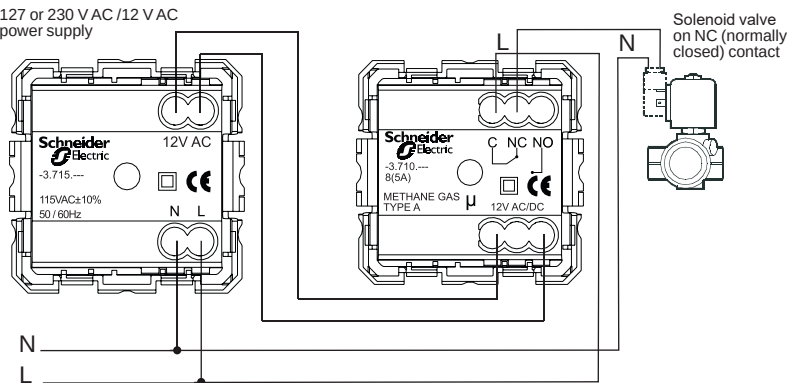
- When the detectors are activated, an alarm is triggered, a red LED flashes and a powerful audible signal is given.
- The detectors have potential free switch over contact, one NO and one NC to connect directly to a solenoid valve or siren.
- The detectors are equipped with a test button on front face; 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

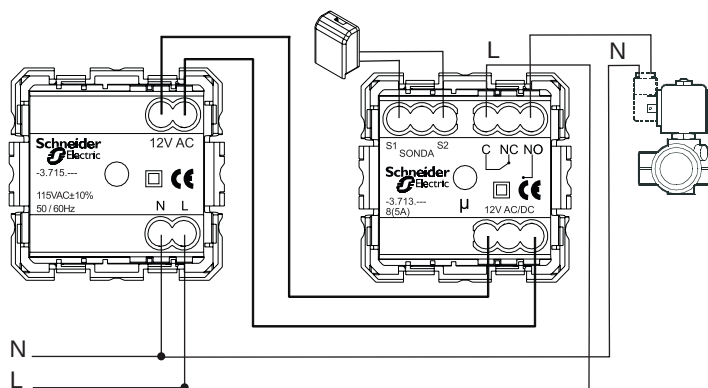
Gas detectors connection

127 or 230 V AC / 12 V AC power supply



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

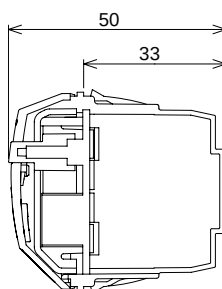
Flood detector connection



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)



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: $> 5 \text{ M}\Omega / 500 \text{ V}$.
- Dielectric strength: $> 2000 \text{ V}$.
- Minimum breaking capacity: 100 operations at $1.25 \times I_n$ and $1.1 \times I_n$, where $P_f (\cos \phi) = 0.6$.
- Enveloping and elastic cells.
- For operations, the earthing contact is made first and broken last.
- Minimum useful life: 10,000 position changes at I_n and V_n , where $P_f (\cos \phi) = 0.8$.
- 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

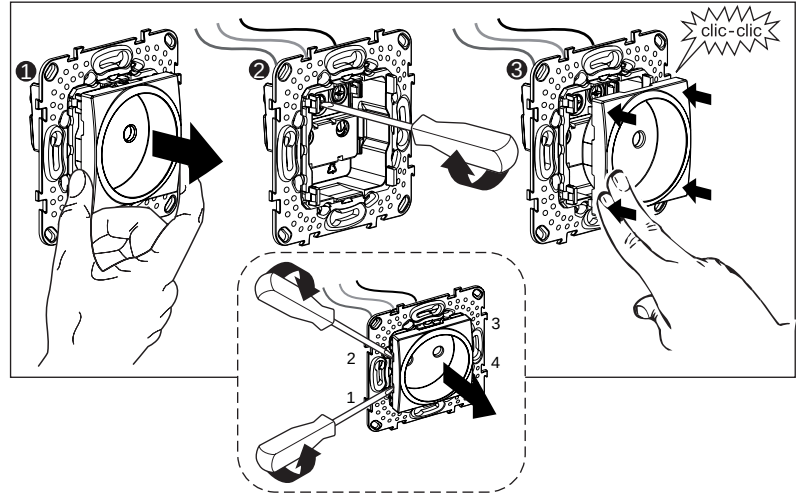
- Screws or screwless connection:
 - screw connection by mixed head screw,
 - screwless connection without tool.
- Terminals accessible on a side part of the socket facilitating connection of terminals and insertion of the device in the box as the rear part remains free of cables.
- Terminals for cables up to 4 mm^2 , 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.

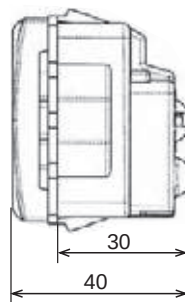
Installation

German or french, screw terminals socket-outlet

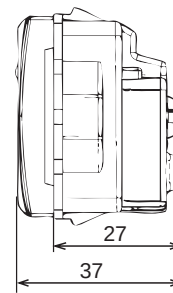


Dimensions (mm)

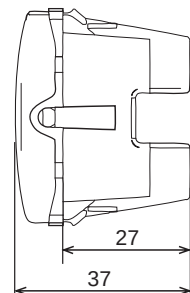
10/16 A- 2P, German type



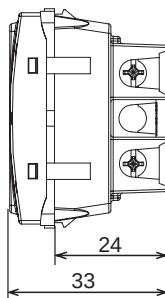
10/16 A- 2P, European type
10/16 A- 2P + E, French type



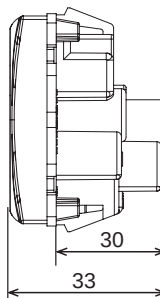
10 A- 2P, European type



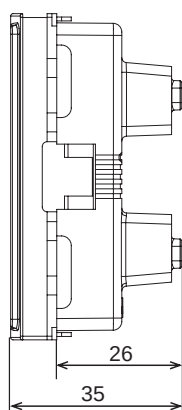
10/16 A- 2P, 2P + E,
Euroamerican, American
and Italian type



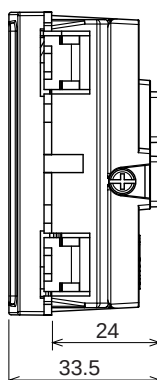
10 A- 2P + E, shuttered
British type



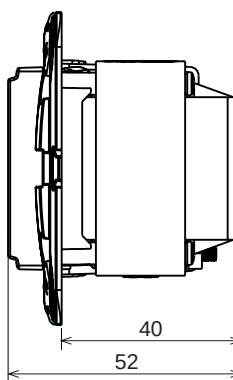
10/16 A- 2P + E, duplex,
American type



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



20 VA- 2P + E, shaver
socket



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

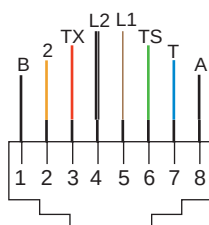
- So that an installation can be included in a certain category, all the elements making it up must belong to the same category, or, otherwise, it will be classed in the category of the lower category element.

Unica offer

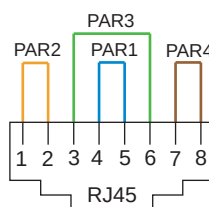
- The Unica offer consists of supports for RJ45 connectors and of a broad and comprehensive range of RJ45 infraplus and LexCom connectors covering virtually all structured cabling needs, both current and future.
- This offer satisfies the technical requirements of prevailing regulations soon to be standardised 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

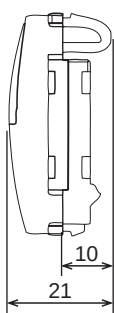


EIA/TIA 568B

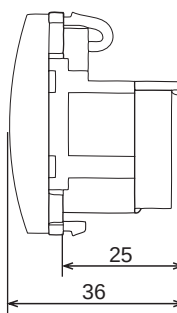


Dimensions (mm)

RJ45 cover



RJ45 socket



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			•	
1375189-1	STP	Cat. 5	•	•
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	Cat. 6	•	•
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	Cat. 5	•	•
GPC-JAK-F-B1-2			•	
GPC-JAK-F-A1-3			•	
GPC-JAK-F-BK-2			•	
GPC-JAK-F-AK3			•	

Unica
Technical information
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			●

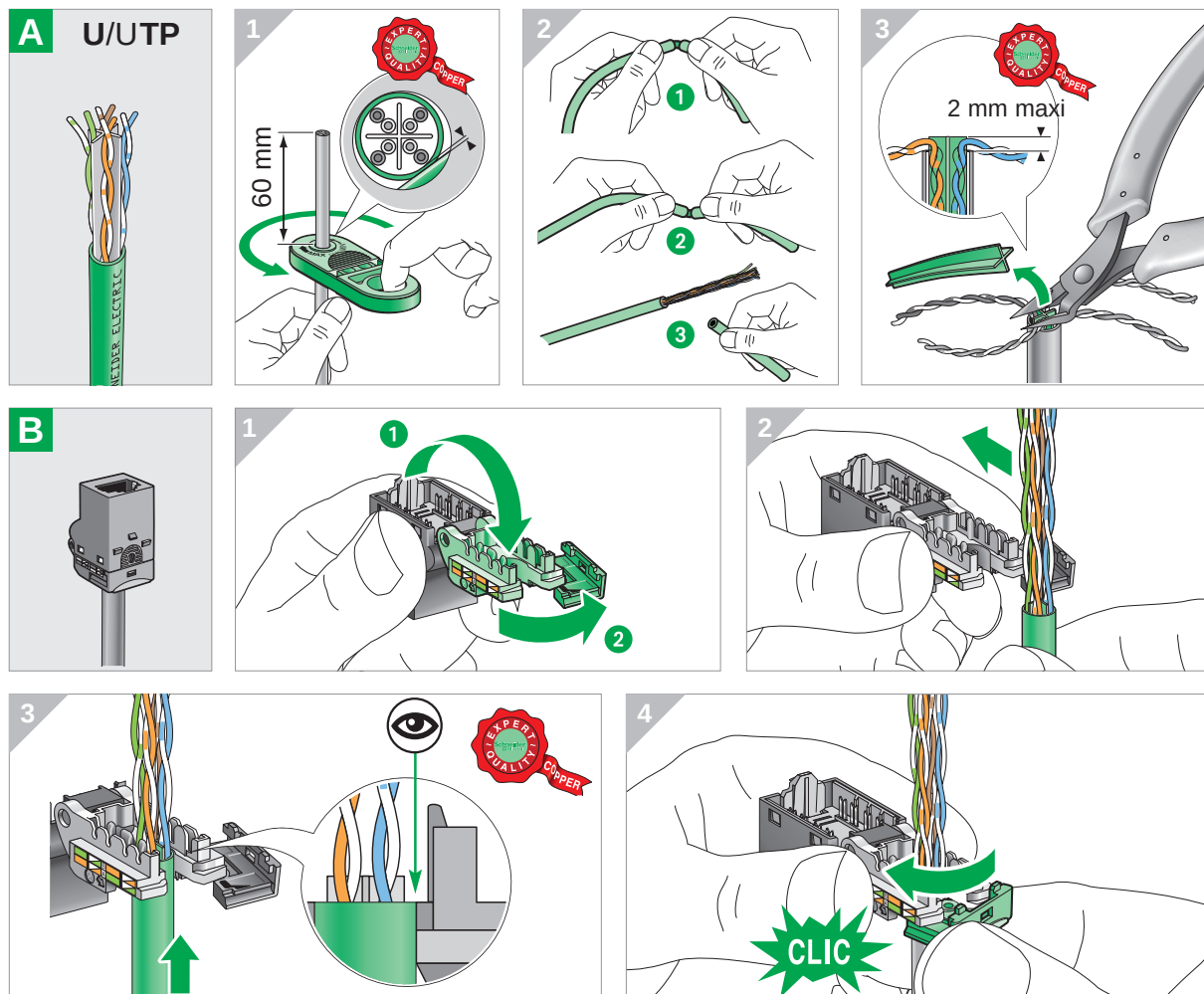
Unica

Technical information

RJ45 data sockets (cont'd)

Installation

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





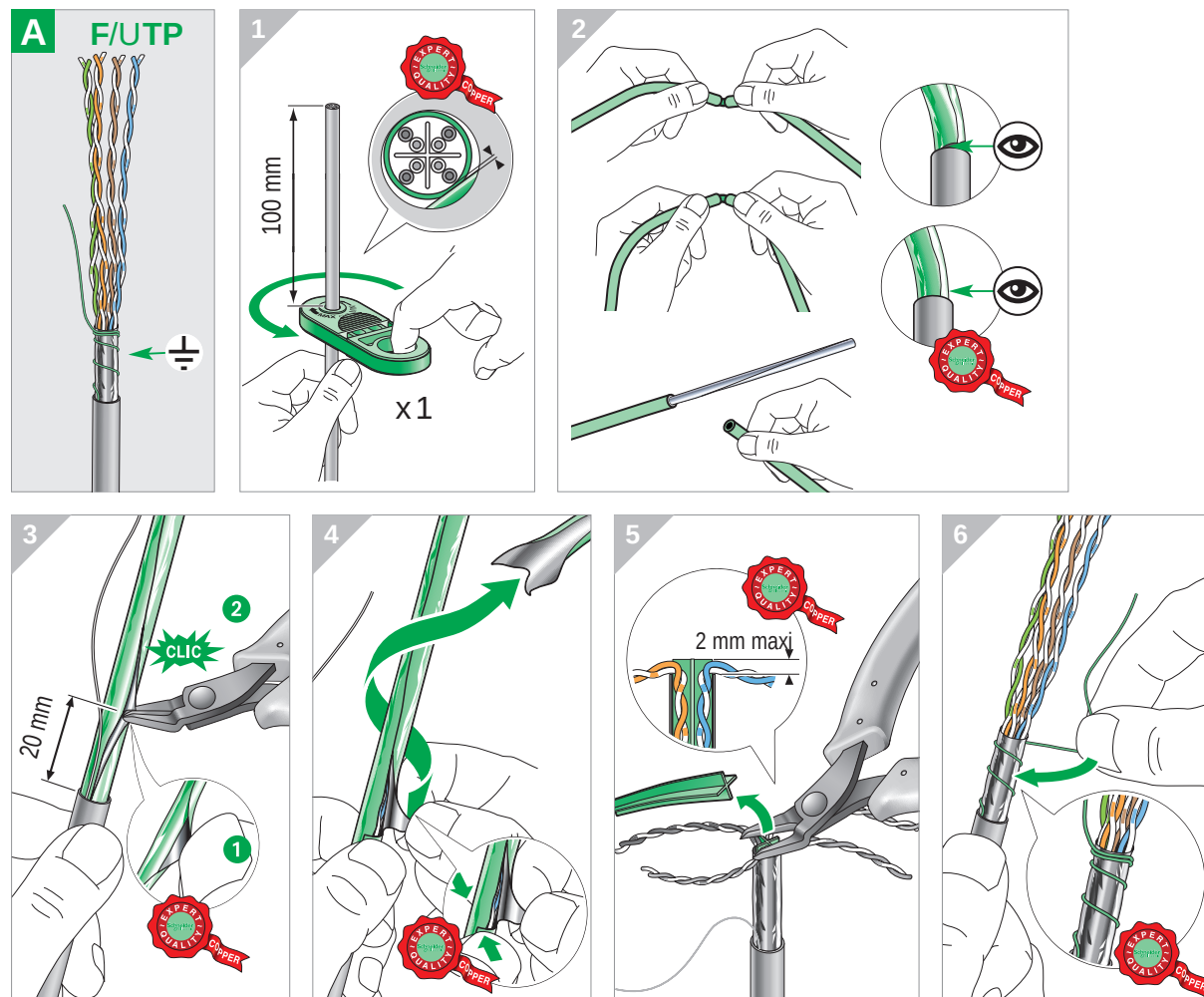
Unica

Technical information

RJ45 data sockets (cont'd)

Installation

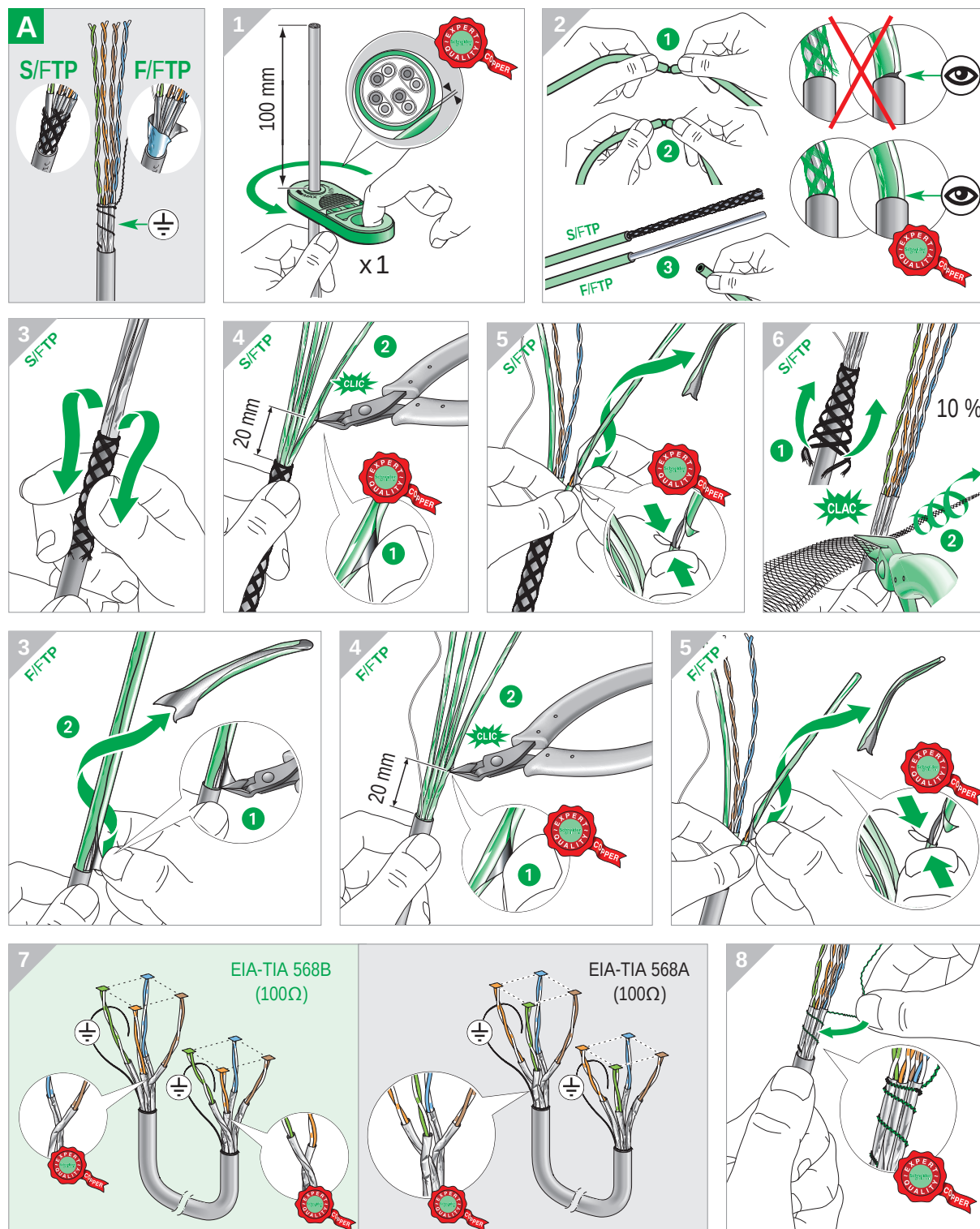
Example of shielded data socket installation (cat 6A, 5, 5e)



Unica

Technical information

RJ45 data sockets (cont'd)



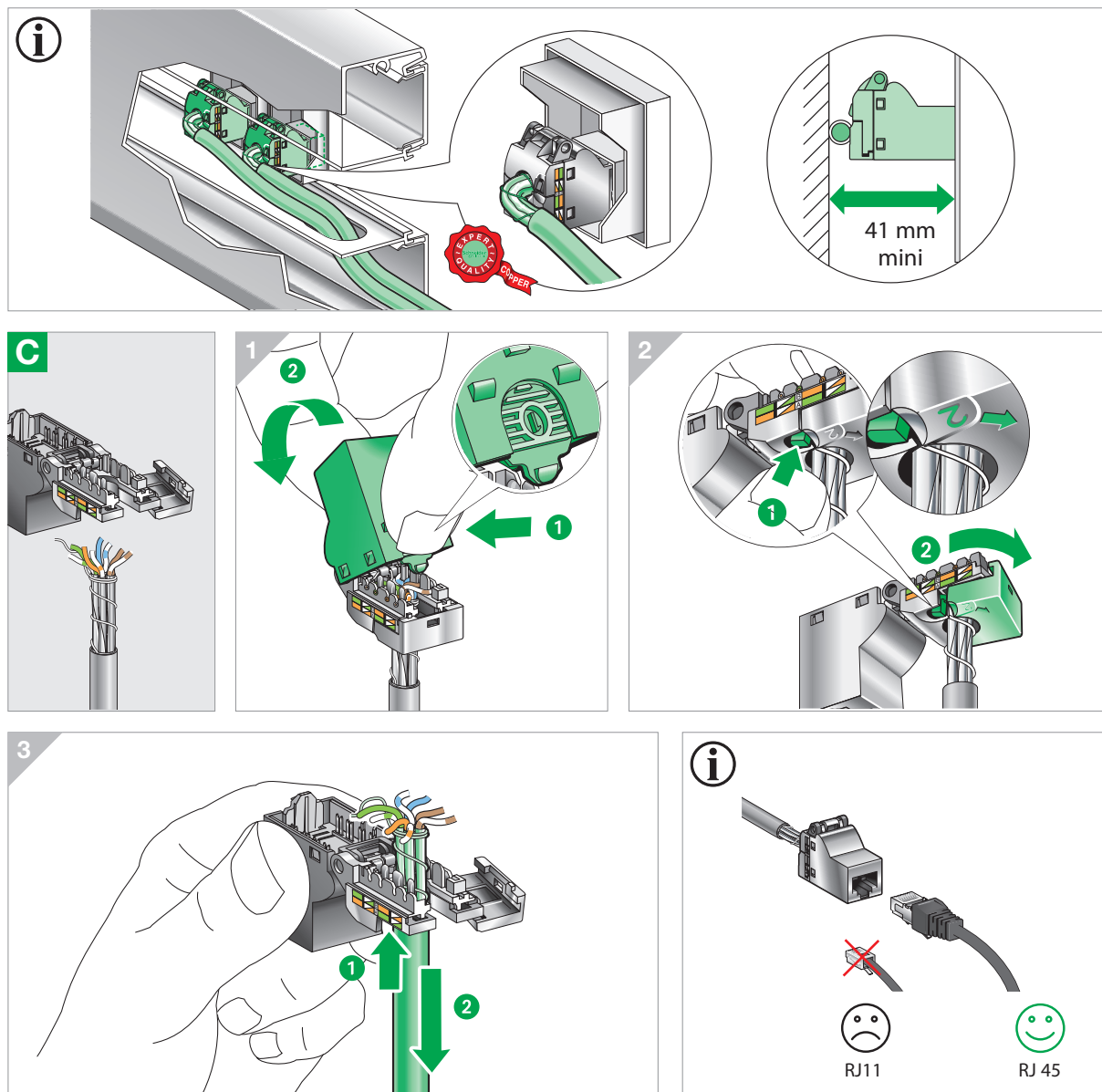
Unica

Technical information

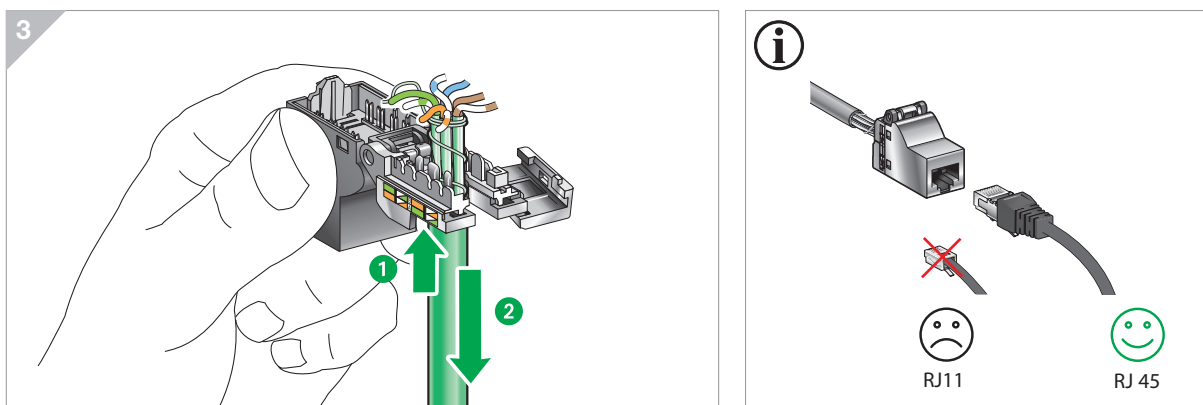
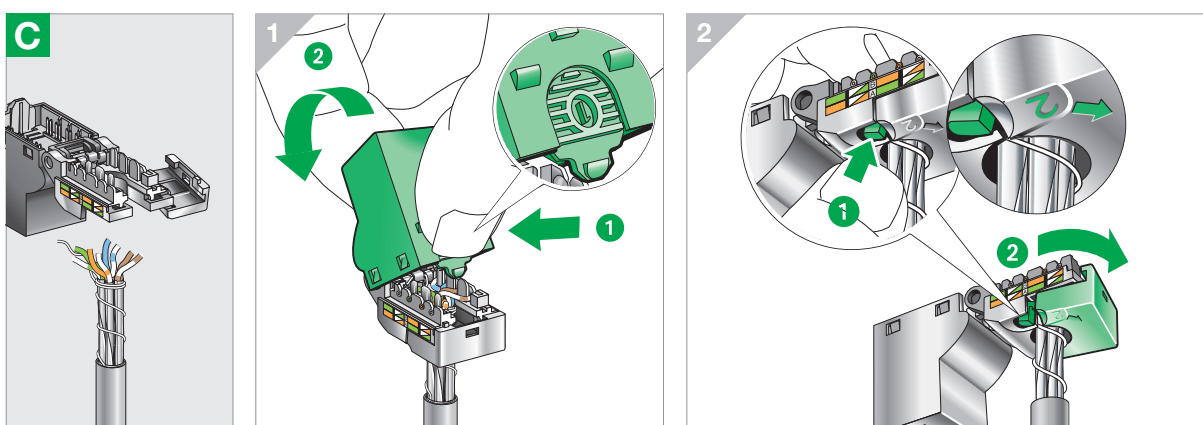
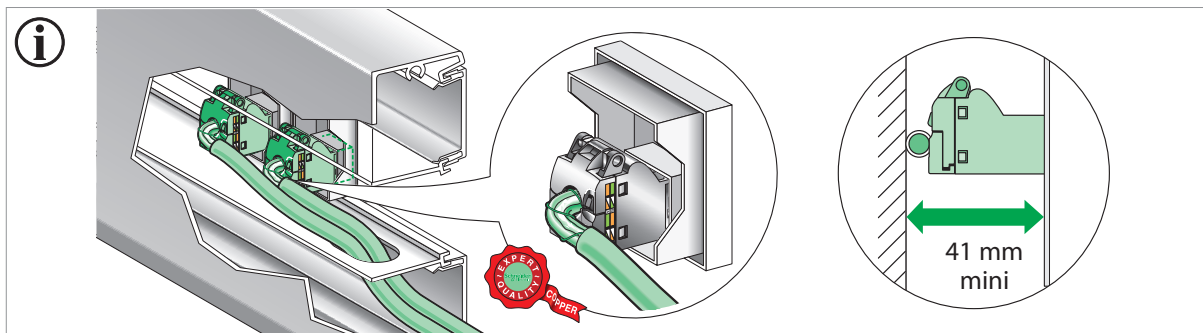
RJ45 data sockets (cont'd)

Installation

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



Unica
Technical information
RJ45 data sockets (cont'd)



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

		MGU3.451.XX	MGU3.452.XX	MGU3.453.XX	MGU3.458.XX	MGU3.459.XX
Frequencies		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)				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

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

R/TV/SAT sockets

		MGU3.450.XX
Frequencies		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

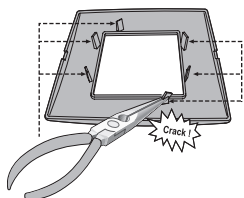
		MGU3.462.XX	MGU3.463.XX	MGU3.464.XX
		Individual	Passage	Terminal
Frequency (MHz)		5-2150		
Shunt attenuation (dB)		11	11	8
Passage attenuation (dB)		-	< 1 (2150 MHz)	-
Current passage		NO		
Sockets/line		1	4	1
Connector		IEC Ø 9.5 mm male		

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		

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..

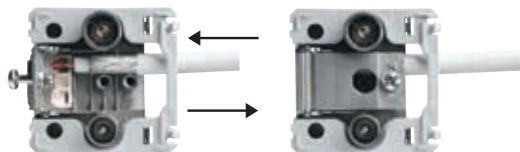


Connections

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



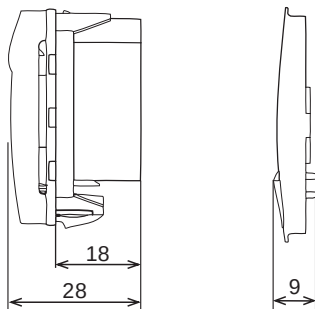
- Lift up the central cover of the socket and place the cable or cables as per the following photo: when installing the 2 cables (on the Intermediate Series sockets), check that the cable properly matches the position given by the arrows on the "signal input" and "signal output" socket.
- Fold back down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



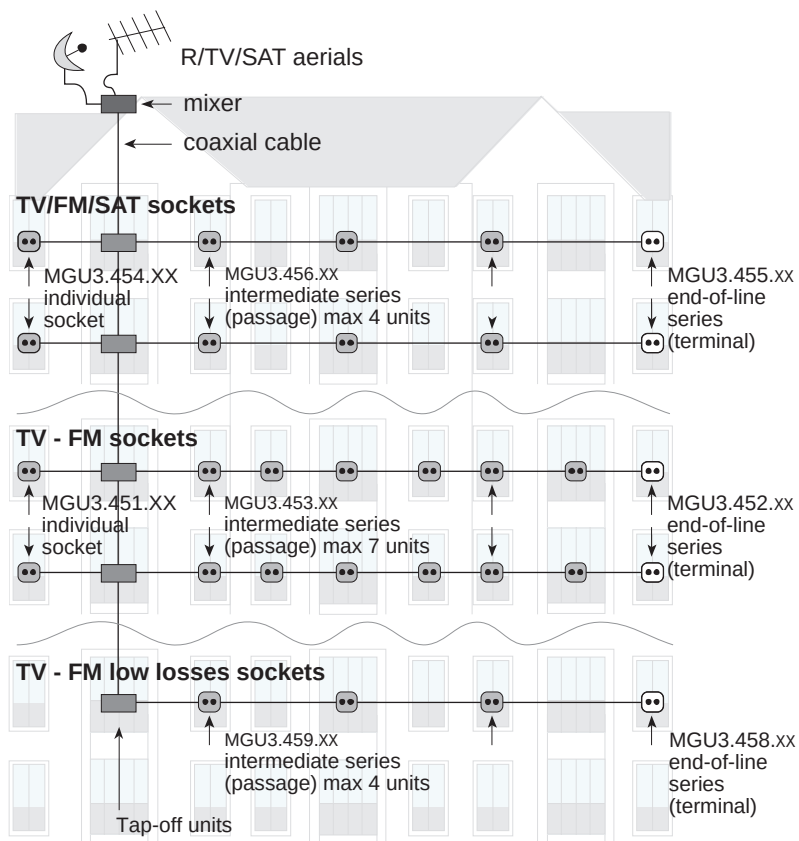
TV socket

Cover

Dimensions (mm)



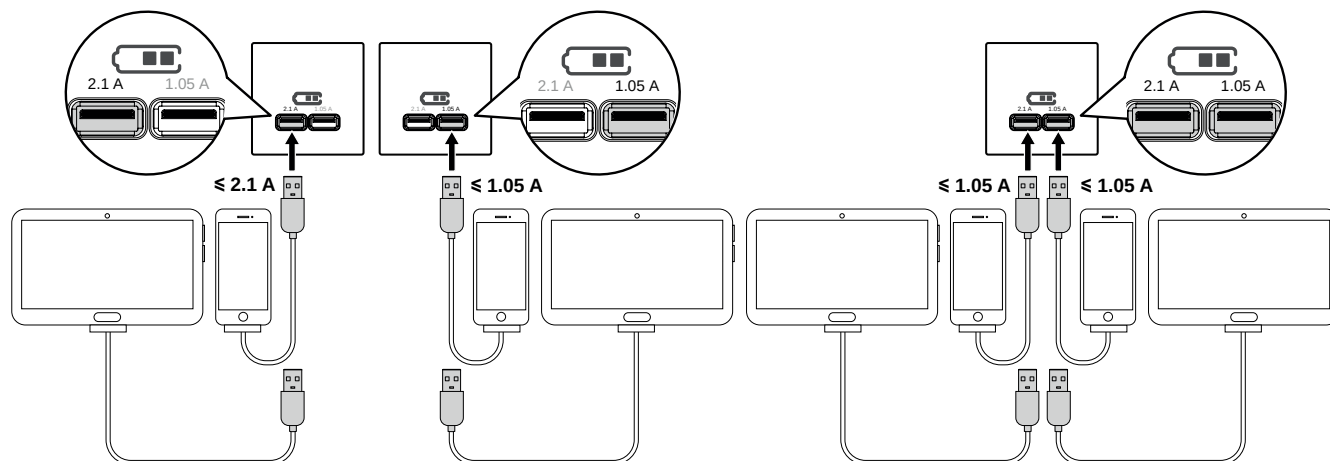
Installation



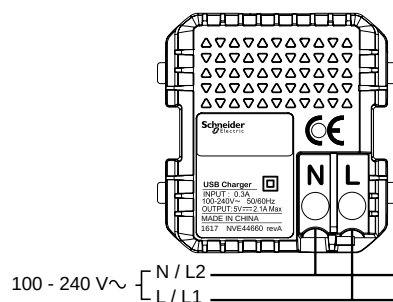
Area of application

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

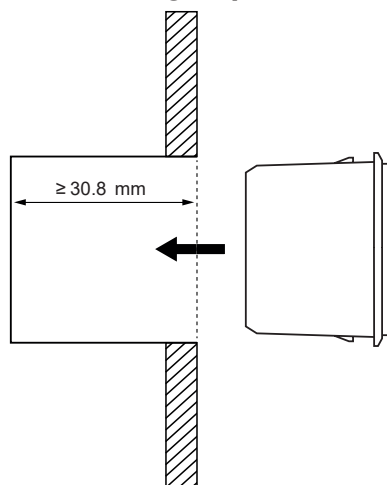
Use



Connection



Embedding depth



Unica

Technical information

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, business 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
- bandwidth: 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

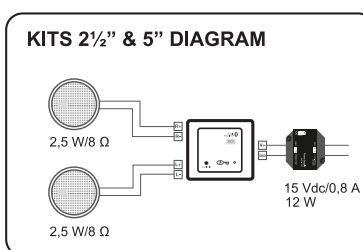
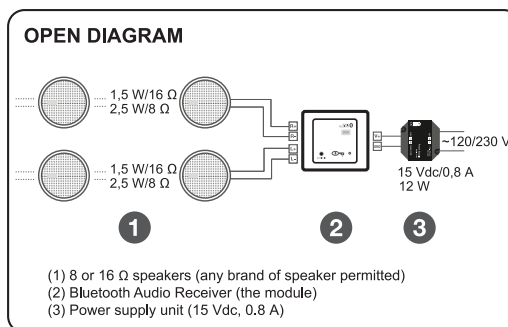
Power supply:

- 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

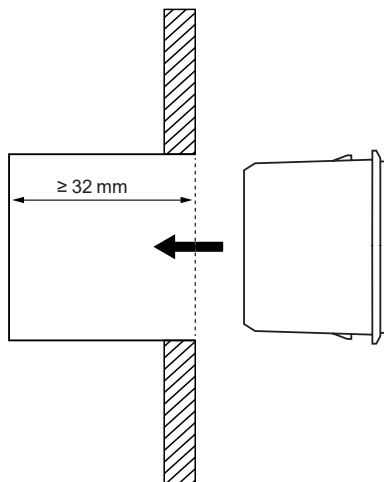
Loudspeakers:

- 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

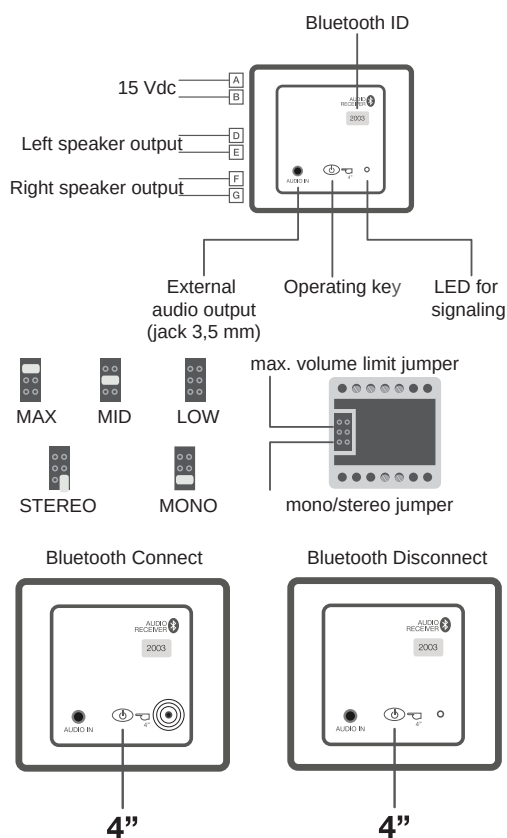


Embedding depth



In-wall bluetooth audio receivers (cont'd)

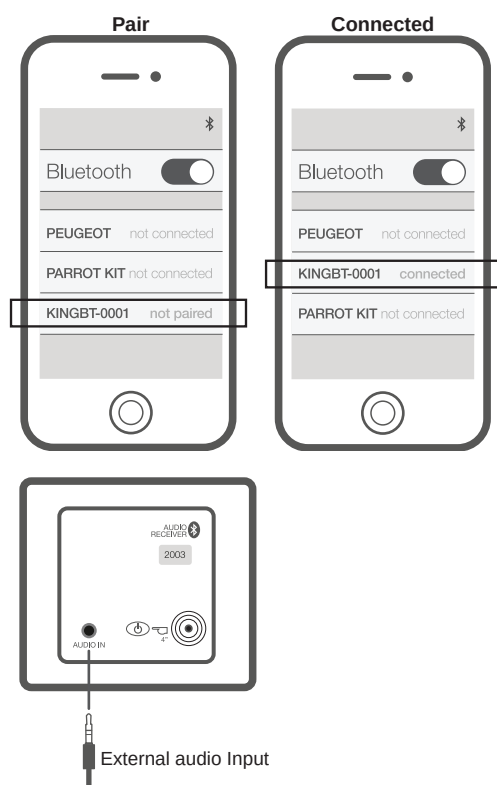
Use



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



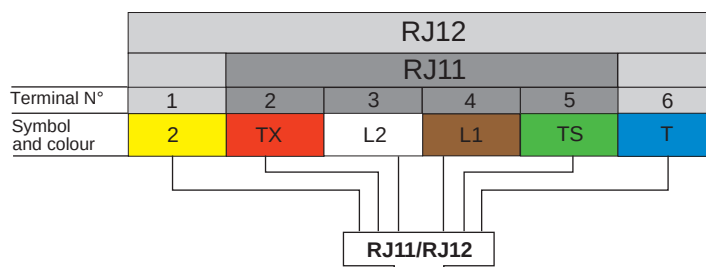
Area of application

- 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

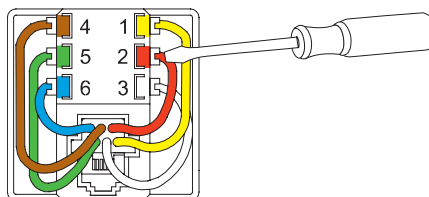
- 4 to 6-pin connectors (RJ11 and RJ12 respectively) with screw connection or insulator displacement.
- These connectors are Category 3, implying transmission rates of up to 16 Mb/s.
- The standard line with 1 pair of wires is connected between L1 and L2 connection of RDSI, ADSL lines and other 4-wire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

Connection

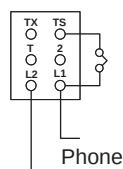
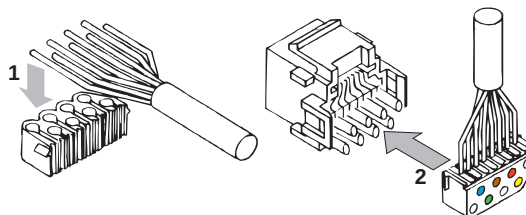


Screw connection system

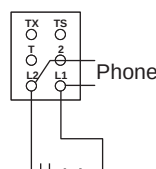
Connection terminals: screw connection for rigid cables up to 0.2 mm².



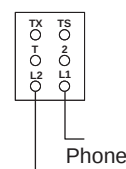
Connection system by insulator displacement



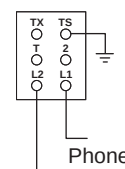
Normal



Transfer and call returned



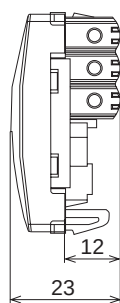
Additional bell without capacitor



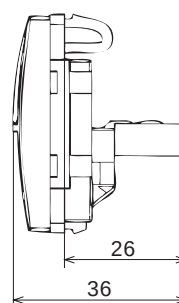
Additional bell with capacitor

Dimensions

Screw connection



Connection by insulator displacement



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.

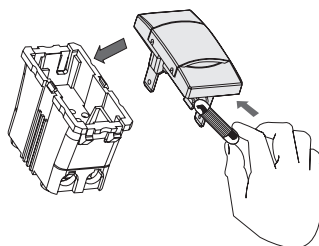
Technical data

Incorporates a neon bulb, ref. MGU0.821.

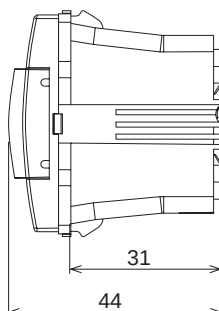
Standards

In accordance with LV and EMC directives.

Neon bulb replacement



Dimensions (mm)



Unica
Technical information
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.

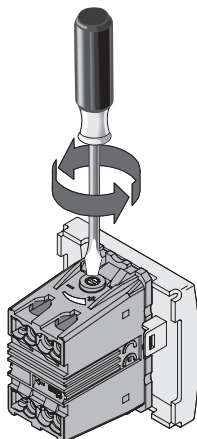
Technical data

- Rated voltage: 230 V AC $\pm 10\%$, 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.

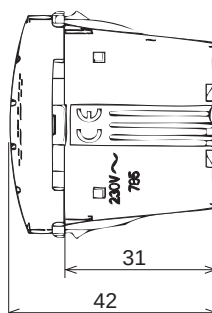
Volume setting



Connections

- Terminal identification: L (phase), N (neutral)
- Connection terminals: screw connection for cables up to 2 x 1.5 mm².

Dimensions (mm)



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 $\pm$ 10 %, 50-60 Hz.
- Number of programmable melodies: 5.
- Conventional push-buttons with or without indicator lamp can be used for electronic 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.

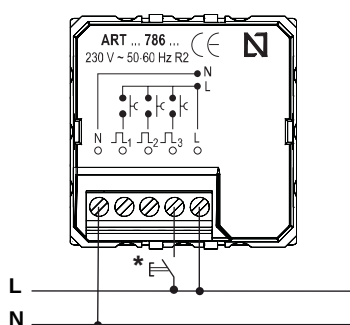
Use

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

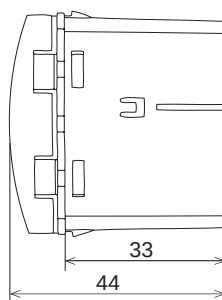
- Press the button for 15 s to access the melody programming mode. The bell plays all the available melodies in turn until you press briefly to make your choice. If no melody has been selected within approximately 3 minutes, the bell returns to its initial state and the original melody remains unchanged.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

Connections



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

Dimensions (mm)



Unica

Technical information

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.

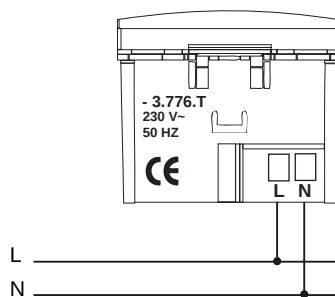
Technical data

- Rated voltage: 230 V AC $\pm$ 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

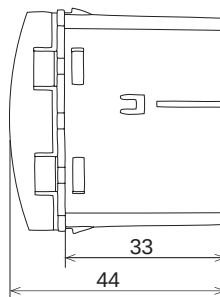
In accordance with EN 60598-2-22 concerning emergency lighting and with LV and EMC directives.

Connections



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

Dimensions (mm)



Unica

Technical information

Autonomous pilotlamps

MGU3.780.T

www.schneider-electric.com

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.

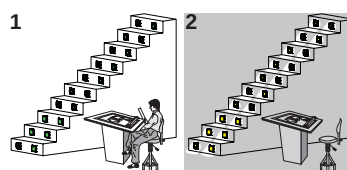
Technical data

- Rated voltage: 230 V AC $\pm$ 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

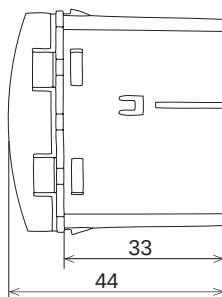
In accordance with EN 60598-2-2.

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)

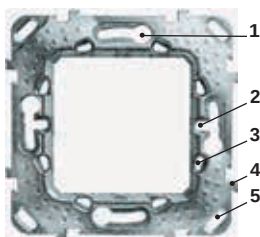


Area of application

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

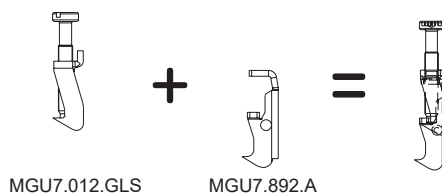
In accordance with EN 60669-1.

Installation

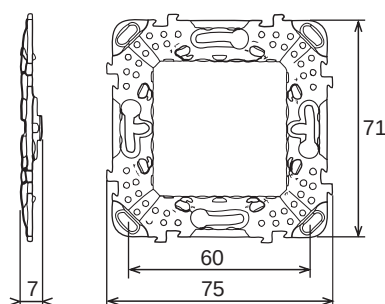


Fixing frames with long fixed claws and short fixed claws.

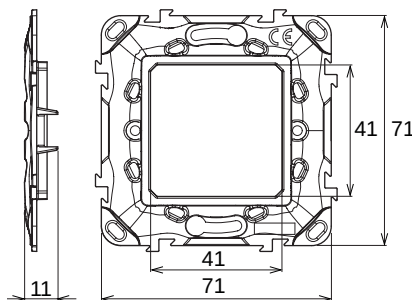
Extension for long claws



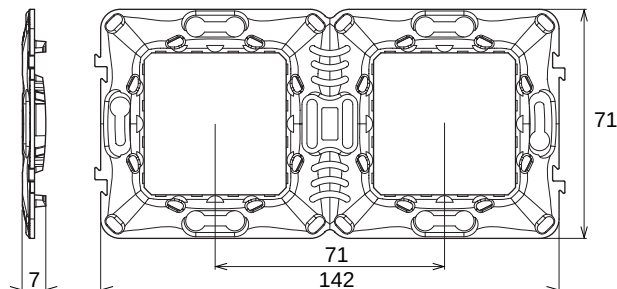
Dimensions (mm)



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



Universal fixing frame without claws (2 gang)



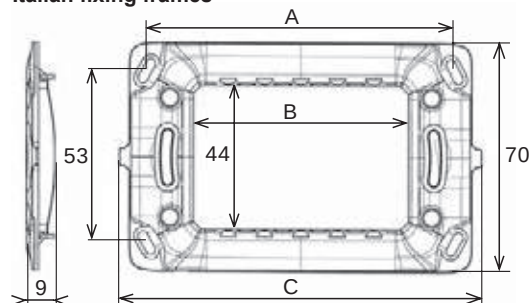
Unica

Technical information

Fixing frames (cont'd)

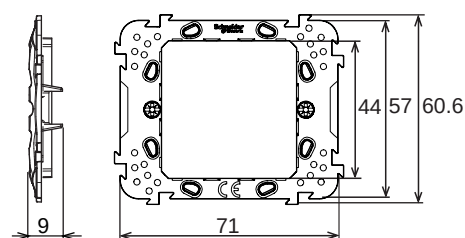
Dimensions (mm)

Italian fixing frames

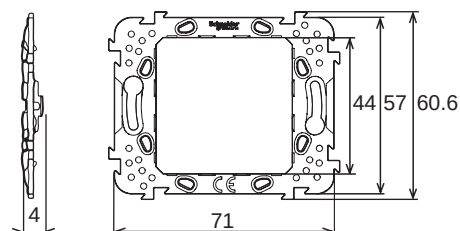


	A (mm)	B (mm)	C (mm)
3 modules	95	67	112
4 modules	117	89	134
6 modules	162	134	179

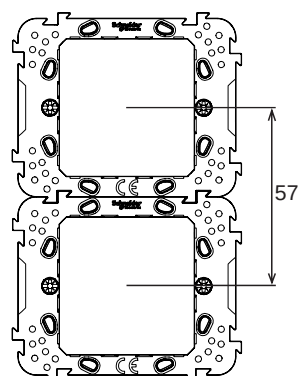
57 mm interaxis fixing frame with long fixed claws (1 gang)



57 mm interaxis fixing frame without claws (1 gang)



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



Unica

Technical information

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

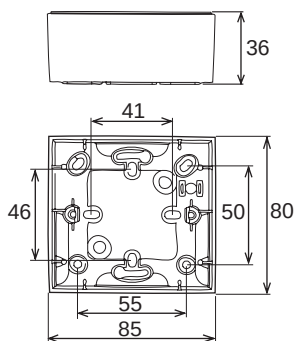
- For Universal and Italian fixing frames.
- For Unica Basic and Unica Colors cover frames with 1, 2 or 3 elements (up to 2, 4 or 6 modules respectively).
- For Unica Allegro cover frames, up to 3 or 4 modules.

Technical and installation data

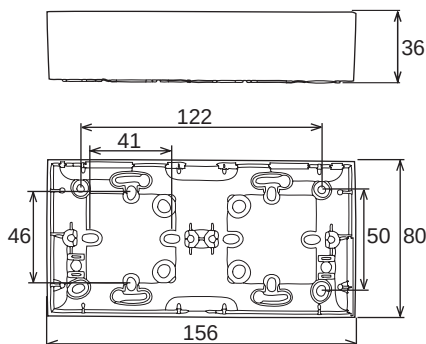
- Surface-mounted boxes are prepared to accommodate an inlet by means of mini-channels.
- They are equipped with pre-cutouts for direct coupling of mini-channels (without adapter) on the 4 sides.
- The dimensions selected for the mini-channels match those of the UNEX and QUINTELA catalogs: 7 x 12, 10 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)

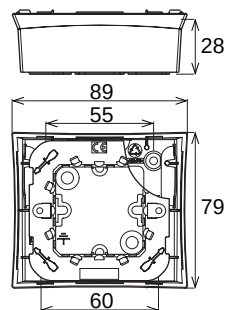
1 gang surface mounting box (Unica Colors, Unica Basic)



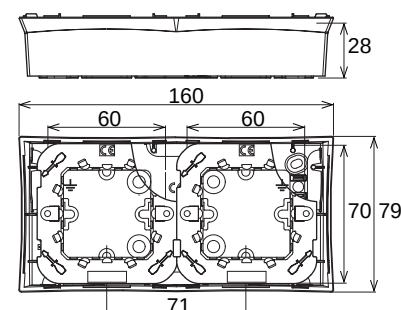
2 gang surface mounting box (Unica Colors, Unica Basic)



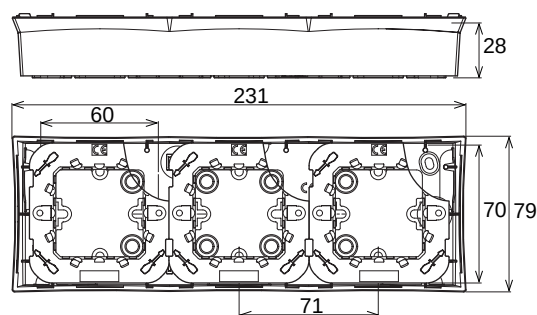
1 gang surface mounting box with clip-on fixing frame (Unica Top, Unica Plus)



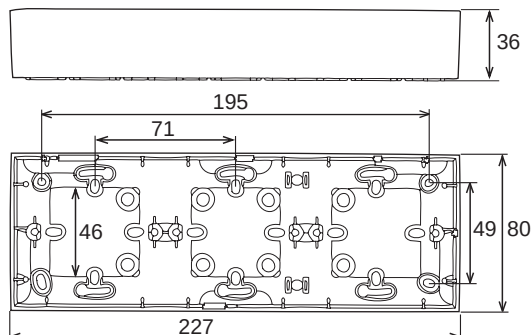
2 gang surface mounting box with clip-on fixing frame (Unica Top, Unica Plus)



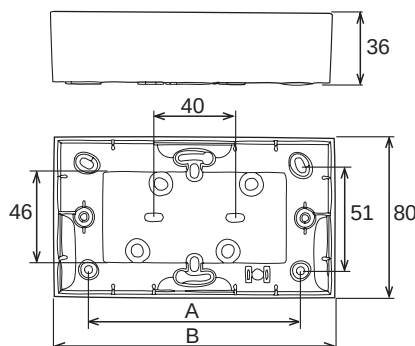
3 gang surface mounting box with clip-on fixing frame (Unica Top, Unica Plus)



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



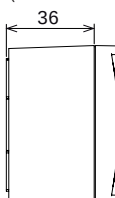
Italian surface mounting boxes (Unica Allegro)



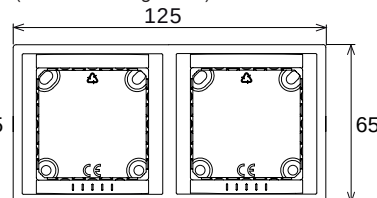
	A (mm)	B (mm)
3 modules	82	116
4 modules	104	139

Complete assemblies (Unica Basic, Unica Color)

1 gang surface mounting box (cover and fixing frame)



2 gang surface mounting box (cover and fixing frame)



Unica

Technical information

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

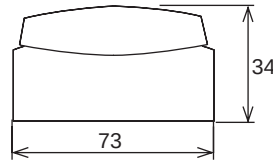
- Tightness level: IP55.
- Impact strength: IK07.
- Cables enter via adjustable membranes.
- Cable inlets are 6 to 21 mm in diameter.
- Easy, quick installation by closing bolts.
- Many wall-mounting points.

Standards

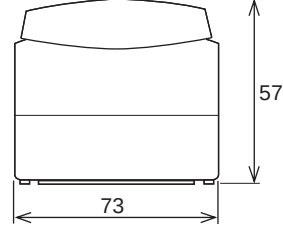
In accordance with EN 60529-91 + E: 93.

Dimensions (mm)

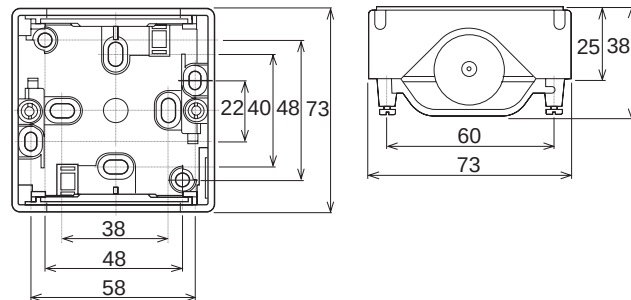
IP55 box cover with fixing frame



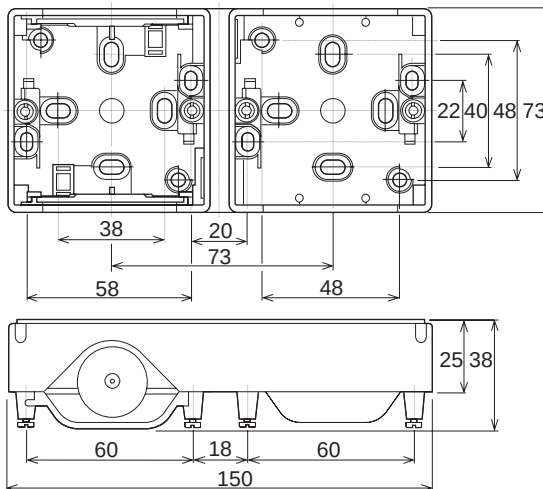
IP55 monobloc box with fixing frame



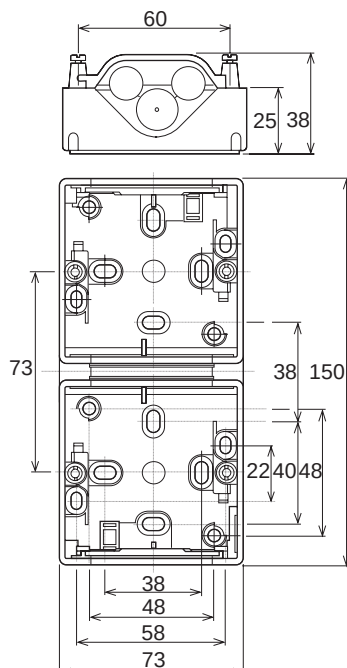
IP55 single box (1 gang)



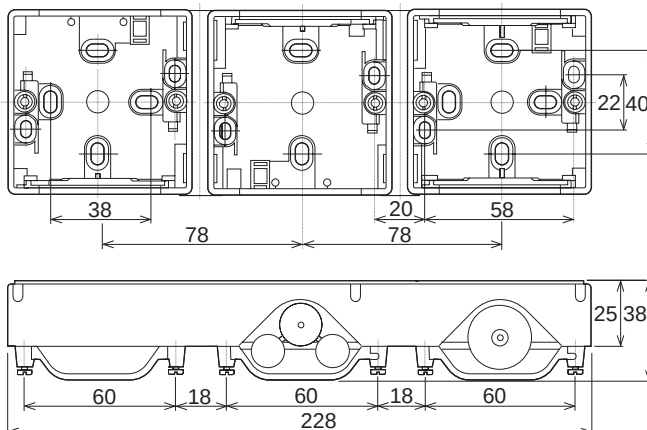
IP55 double horizontal box (2 gang)



IP55 double vertical box (2 gang)



IP55 triple horizontal box (3 gang)



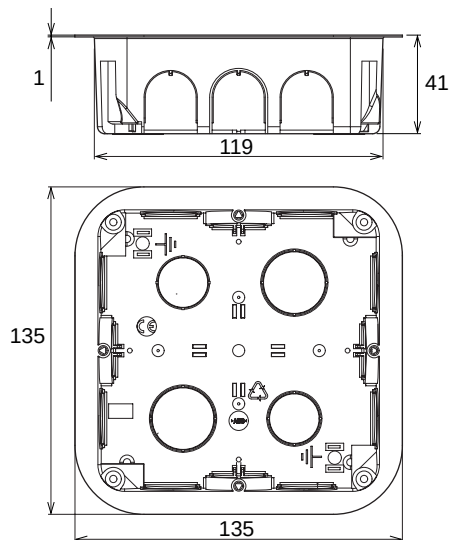
Unica

Technical information

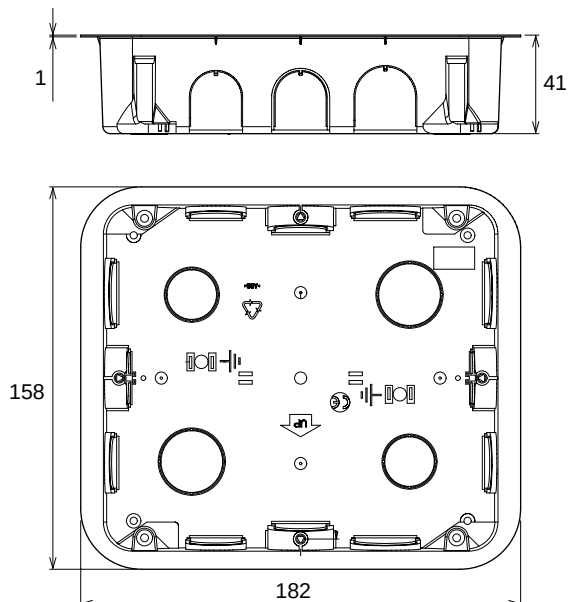
Flush mounting boxes

Dimensions (mm) (Cont'd)

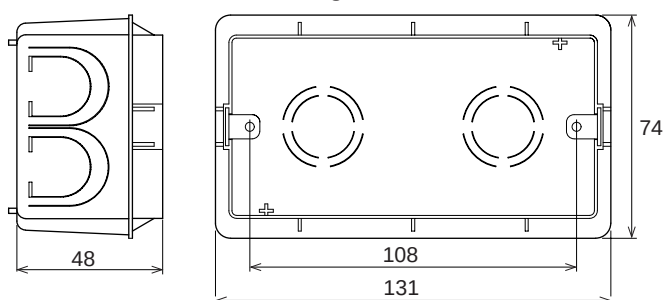
2 x 4 modules flush mounting box



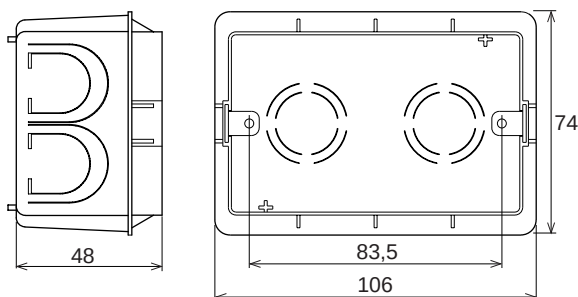
2 x 6 modules flush mounting box



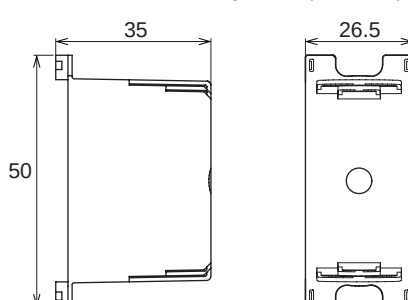
4 modules italian flush mounting box



3 modules italian flush mounting box



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



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

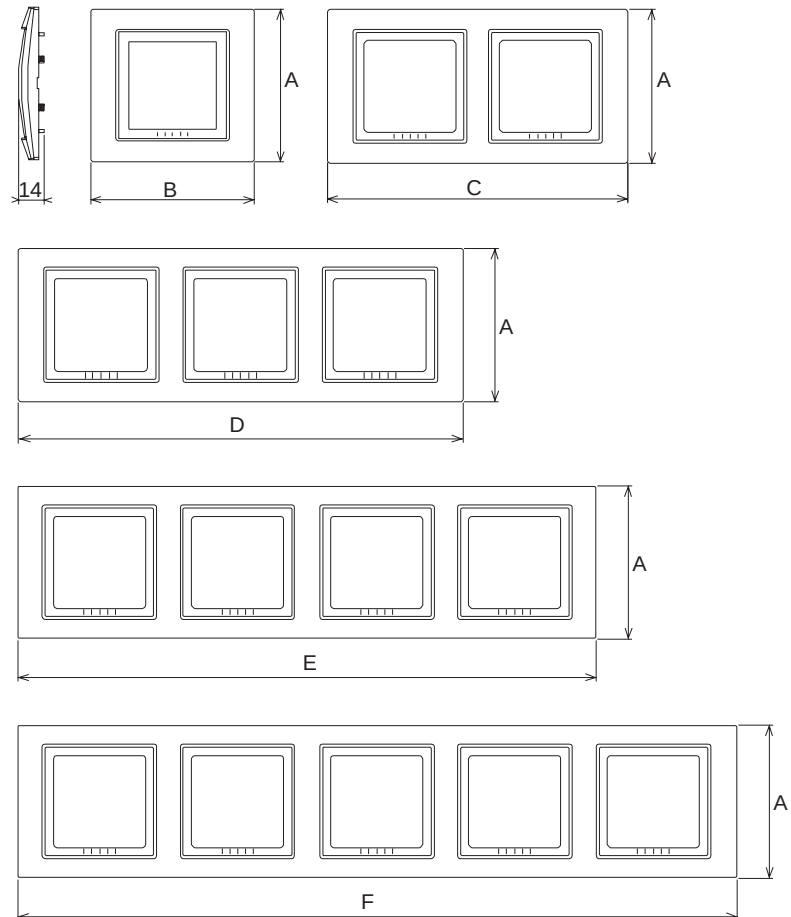
- All **Unica** finishes are resistant to cleaning products and UV radiation.
- Recyclable thermoplastic materials.
- Self-extinguishing thermoplastic materials with excellent impact strength.
- The **Unica Top** range incorporates Zamak cover frames with electroplating and finishes made of natural wood, 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.

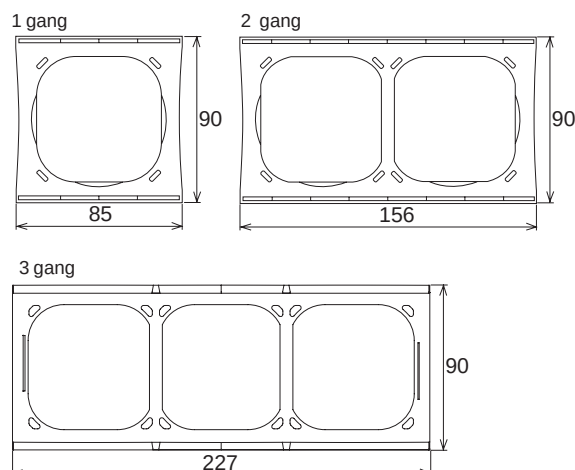
Dimensions (mm)

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	80	85	156	227	298	373
Unica Colors						
Unica Quadro	87	87	158	229	300	

Unica Basic and Unica Colors, Supplementary frames



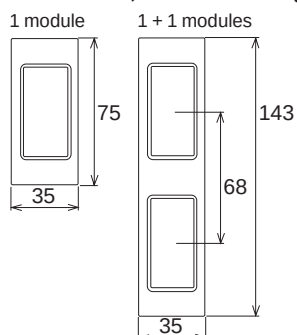
Unica

Technical information

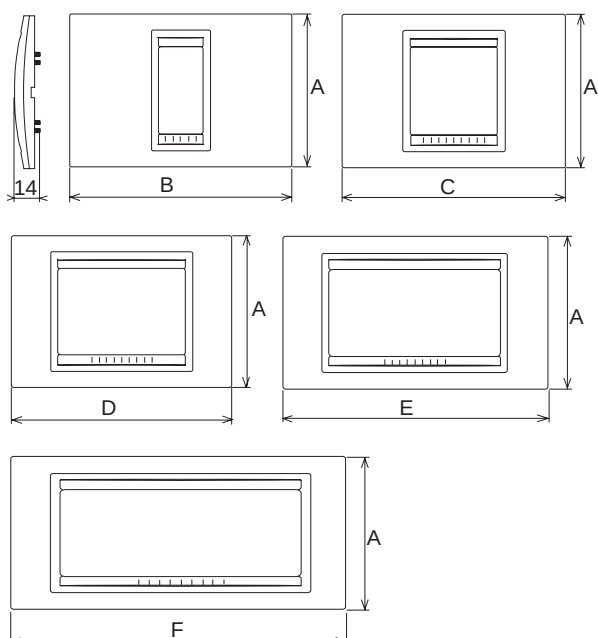
Cover frames (cont'd)

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

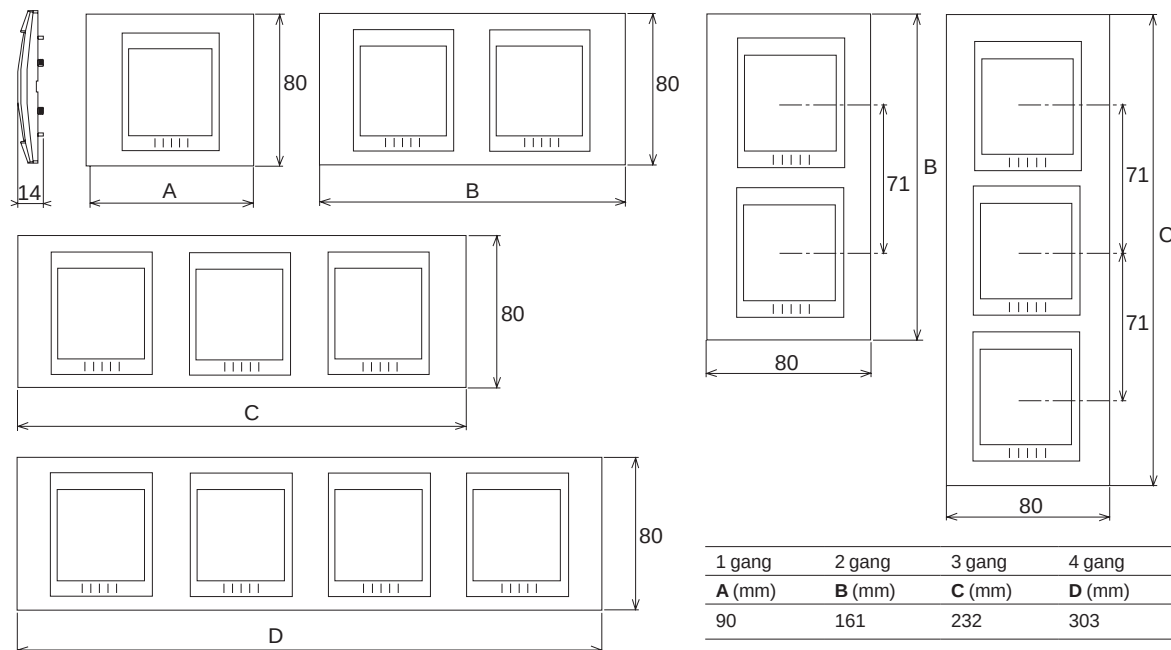
Unica

Technical information

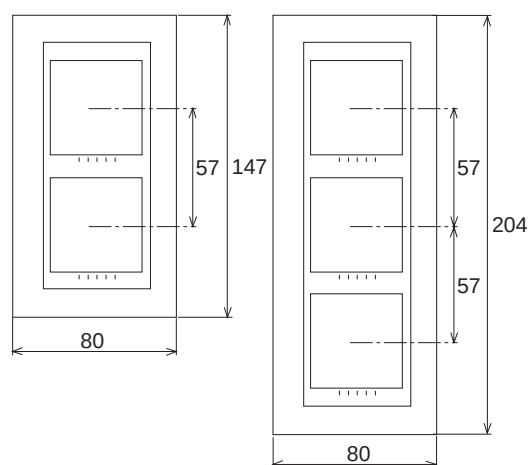
Cover frames (cont'd)

Dimensions (mm) (Cont'd)

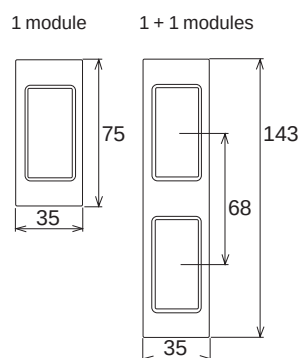
Unica Top and Unica Plus



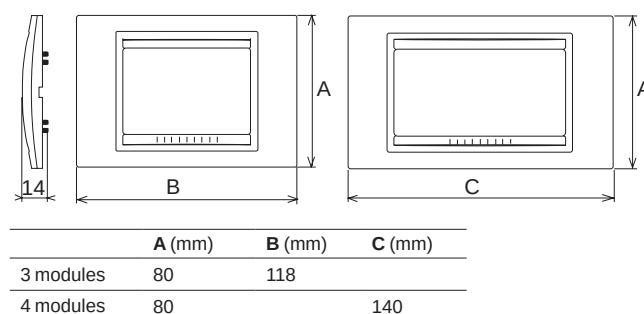
Unica Top and Unica Plus 57 mm interaxis



Unica Top, cover and fixing frame for thin panel



Unica Top and Unica Plus (Italian)



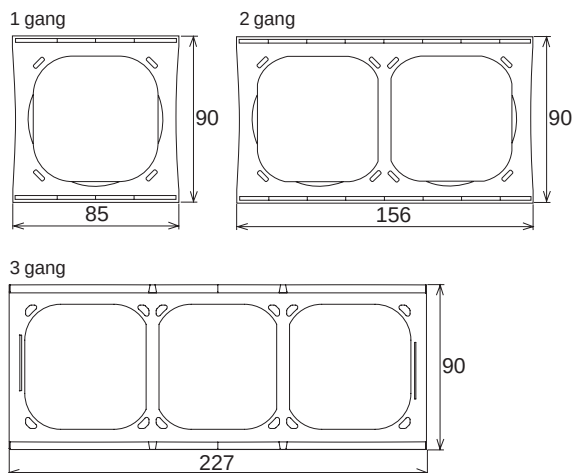
Unica

Technical information

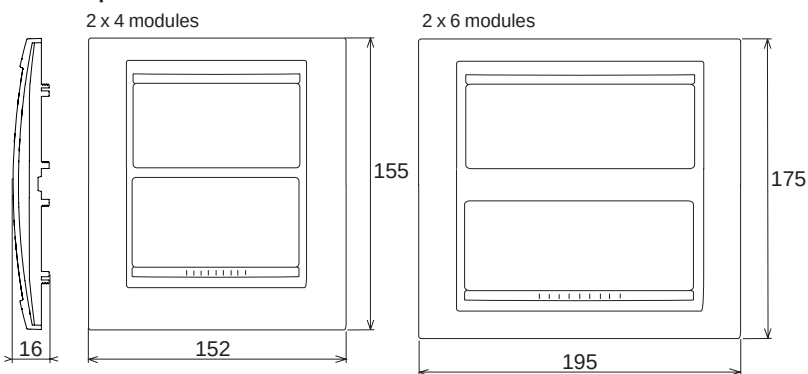
Cover frames (cont'd)

Dimensions (mm) (Cont'd)

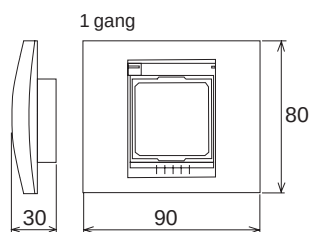
Unica Top and Unica Plus, supplementary frames



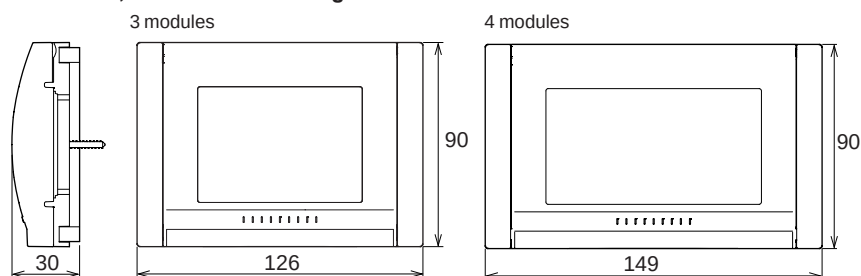
Unica Top and Unica Plus



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



Unica Plus, IP55 cover and fixing frame



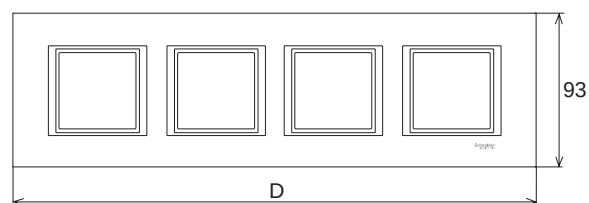
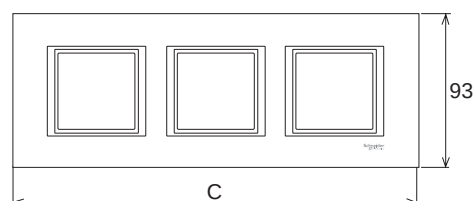
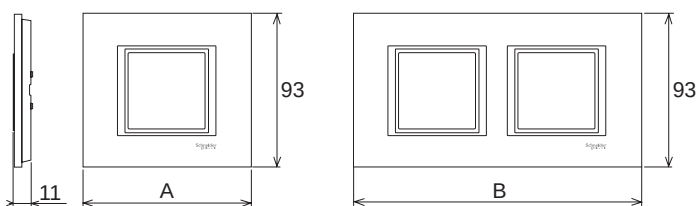
Unica

Technical information

Cover frames (cont'd)

www.schneider-electric.com

Unica Class



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

Unica Wireless



Wireless comfort

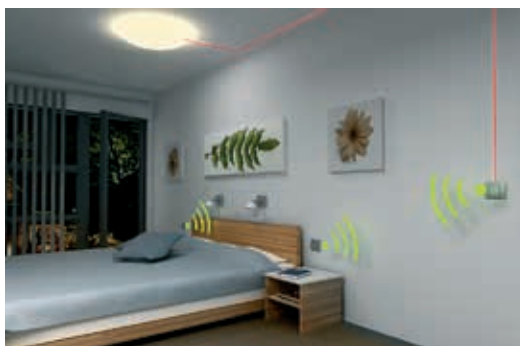
Unica Wireless is a range of wireless products which use radio technology (RF) to exchange information. The products are highly suitable for refurbishment work in residential and small building environments without damaging the walls.

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.

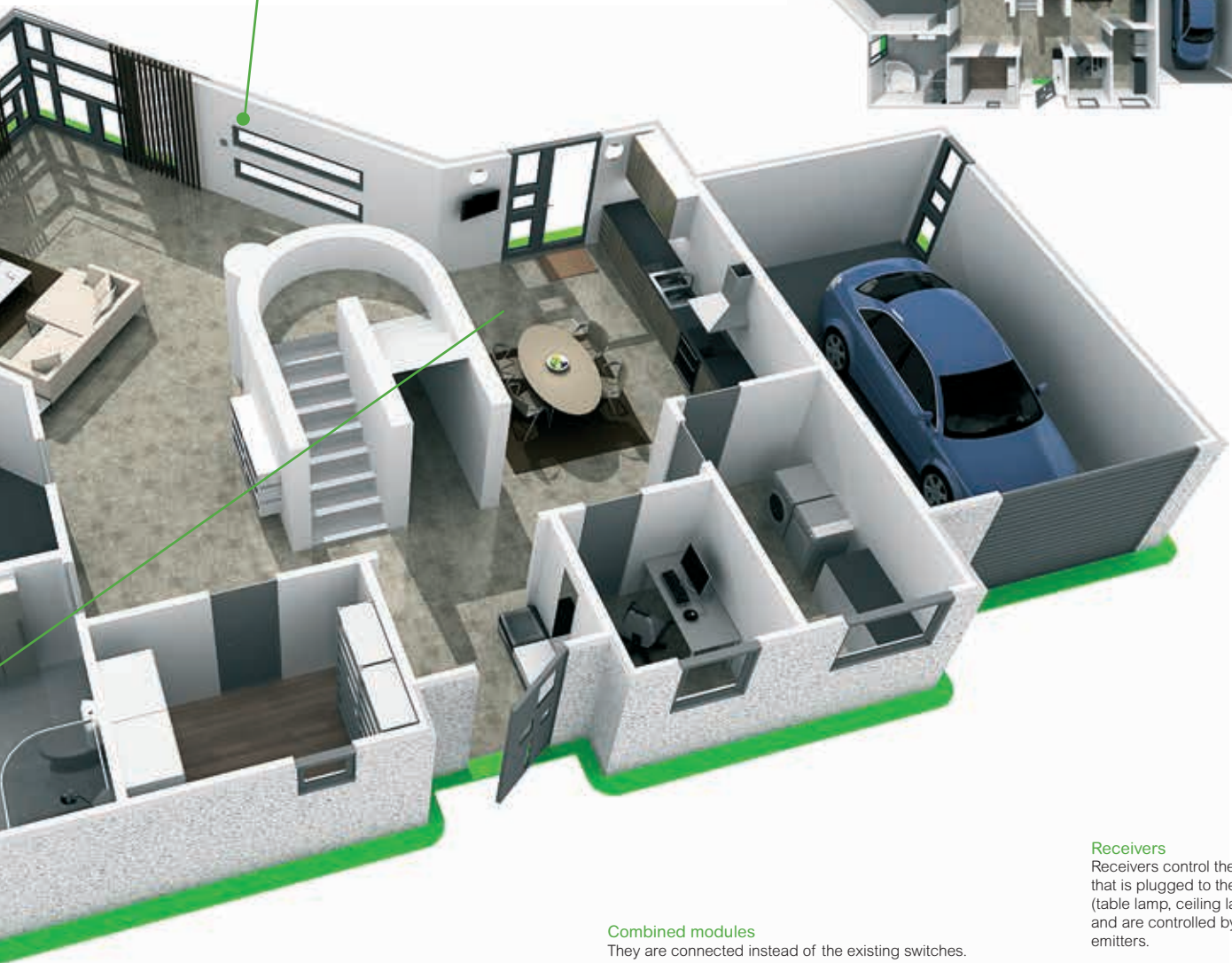
- Replace the existing switches by Unica Wireless combined modules.
- If necessary, add mobile socket outlets to connect standard lamps, table lamps, etc.
- Add a battery-powered push-button with the symbols corresponding to the various scenarios.
- Link them by simple programming.



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

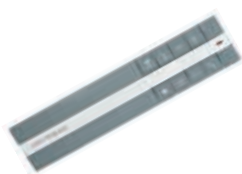
Emitters are battery-operated and can be screwed or stuck wherever you wish to add a control point, without connecting them to the mains supply.



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.



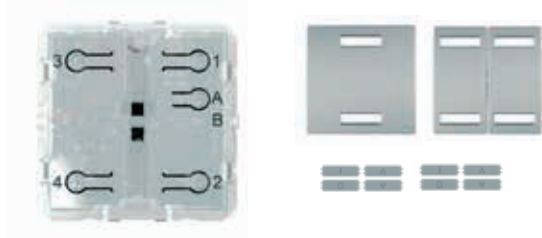
Mobile socket-outlet, relay or dimmer



Universal wireless receiver (relay)

A complete range of wireless products

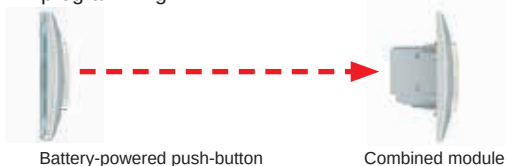
Flexibility



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

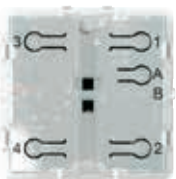
Emitters and receivers are linked by simple programming.



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:

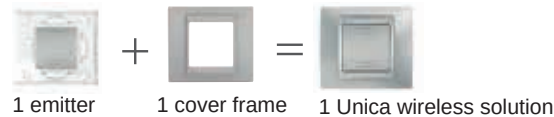
- White or Ivory for Unica Basic, Unica Colors and Unica Plus.
- Aluminium or Graphite for Unica Top and Unica Class.

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.



Integration of a combined module:

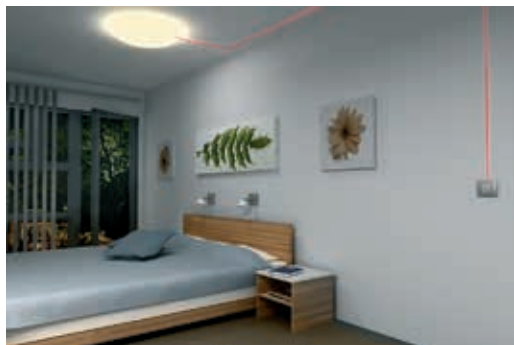


Technical advantages

- 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 mounting 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

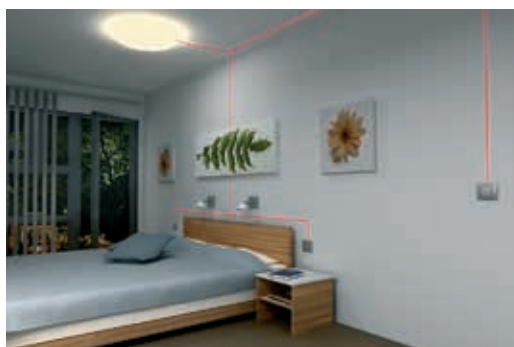


Initial situation

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.



Unica Wireless products to be used

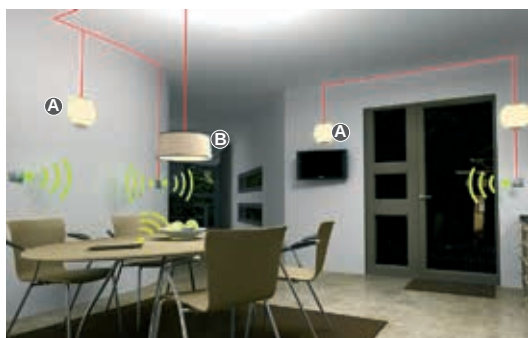
Descriptions	References
1 - Combined module (relay or dimmer)	MGU3.572.XX MGU3.573.XX
2 - Battery-powered push-buttons (Unica Colors and Unica Basic)	MGU84.071.XX
Battery-powered push-buttons (Unica Top and Unica Plus)	MGU86.071.XX
Battery-powered push-buttons (Unica Class)	MGU88.071.XX

Initial situation

Each light has its own mechanical switch.

Requirement

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



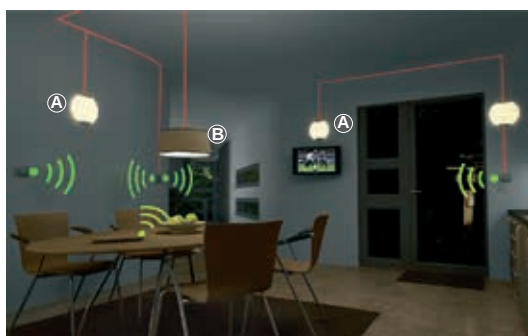
Scenario 1

«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 symbol 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

1



3



2



4



5



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

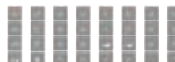
Add a remote control.



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 strength 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.

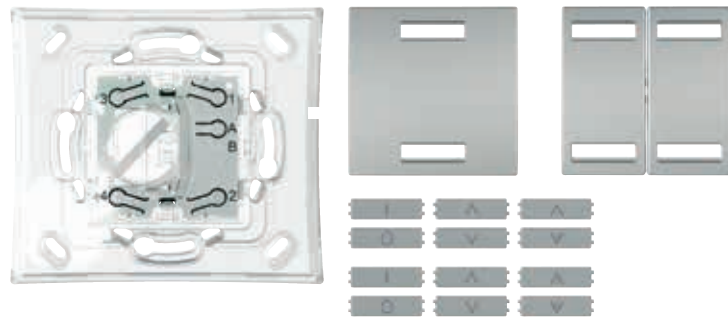


Advantages

- 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 stuck 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 the various functions.

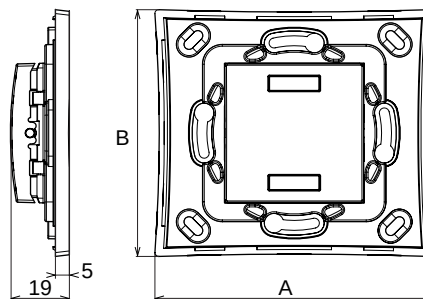


- The Unica wireless battery-powered push-button is supplied with:
 - A CR2032 type lithium battery.
 - 2 narrow covers (1 module covers).
 - 1 large cover (2 modules cover).
 - A set of 12 symbols to customize the covers: 2 symbols «1/0», 2 symbols «dimmer-up/dimmer-down» and 2 symbols «roller blind 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

Unica wireless

Technical information

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 to 100 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.

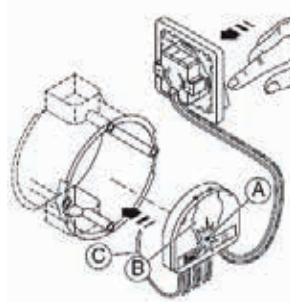
Standards

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.



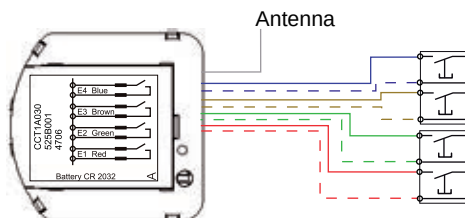
A: Programming LED
B: Battery location
C: Antenna

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

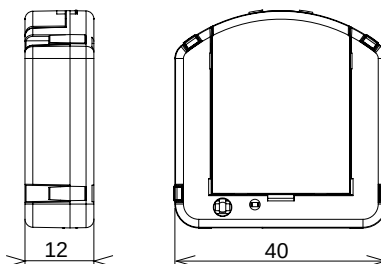
- If only 1 function is needed (e.g. on/off), only connect the pairs E1 and E2 to push-buttons.
 - The push-button connected to pair E1 will be used for ON (or dim-up with a long push for a dimmer).
 - The push-buttons connected to pair E2 will be used for OFF (or dim-down with a long push for a dimmer).
- 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 combined 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.

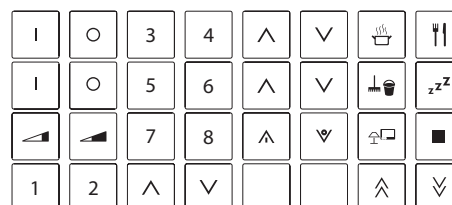
Standards

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

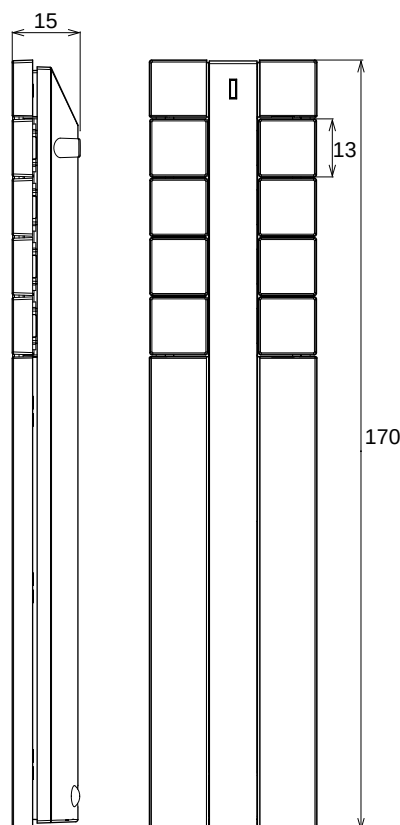
- The metal remote control can be customized via its set of 32 keys containing a large number of symbols.
- Its keys can be fitted for vertical or horizontal use to control the lighting and roller blinds.
- The metal remote control is supplied with:
 - 32 keys with symbols.
 - 2 AAA (LR3) batteries.



32 keys with symbols to customize the metal remote control

8 keys to remotely control the lighting and roller blinds

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:

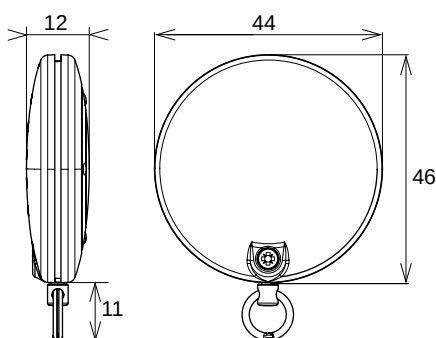
- EN 61000-6-2, EN 61001-6-3, IEC60068-2-6, IEC60068-2-27.
- ETS300220-1, ETS300220-2.
- EMC directive: 2004/108/EC.
- R&TTE directive: 99/5/EEC.

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)



Unica wireless

Technical information

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 $\pm 10\%$, 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: $-5\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$.
- Humidity: 20% - 95% without condensation.
- Protection class: IP 20.

Load table

	1	2	3	4	5	6	7
							
25 °C 230 V 50 Hz Max. WVA	2300	2000	500	920	880	880	690

- 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.

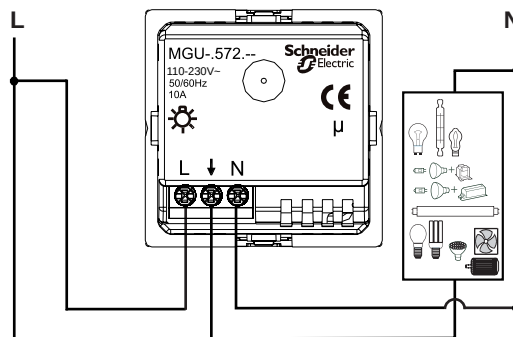


- The Unica wireless combined relay is supplied with:
 - 2 narrow covers (1 module covers).
 - 1 large cover (2 modules cover).
 - A set of 8 symbols to customize the covers (2 symbols «1/0» and 2 symbols «dimmer-up/dimmer-down»).

Programming

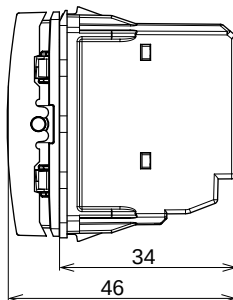
Programming operation follows the same principles as described in the «Unica wireless system» part.

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 $\pm$ 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	2	3	4	5	6	7
Max. WVA	315	315	270	NO	NO	NO

- 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.

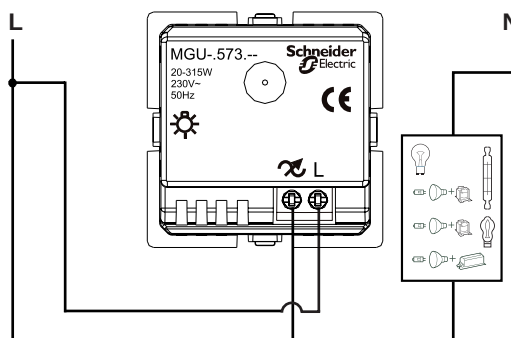


- The wireless combined dimmer is supplied with:
 - 2 narrow covers (1 module covers).
 - 1 large cover (2 modules cover).
 - A set of 8 symbols to customize the covers (2 symbols «1/0» and 2 symbols «dimmer-up/dimmer-down»).

Programming

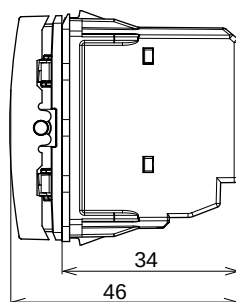
Programming operation follows the same principles as described in the «Unica wireless system» part.

Connections



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

Dimensions (mm)



Unica wireless

Technical information

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 $\pm 10\%$, 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 thermal fuse and with main fuse 10 A.
- Operating temperature: -5°C to $+50^{\circ}\text{C}$.
- 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.

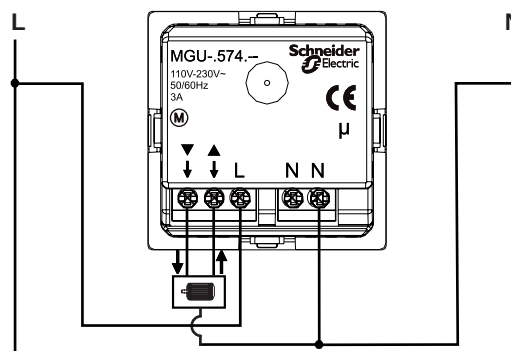


- The wireless combined roller blind is supplied with:
 - 2 narrow covers (1 module covers).
 - 1 large cover (2 modules cover).
 - A set of 4 symbols to customize the covers (roller blind up / roller blind down and roller blind all-up/all-down).

Programming

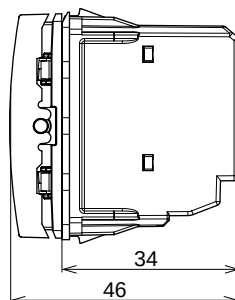
Programming operation follows the same principles as described in the «Unica wireless system» part.

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 $\pm 10\%$, 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

	1	2	3	4	5	6
 25 °C 230 V 50 Hz Max. WVA	 	 		 		
	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, IEC 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.

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

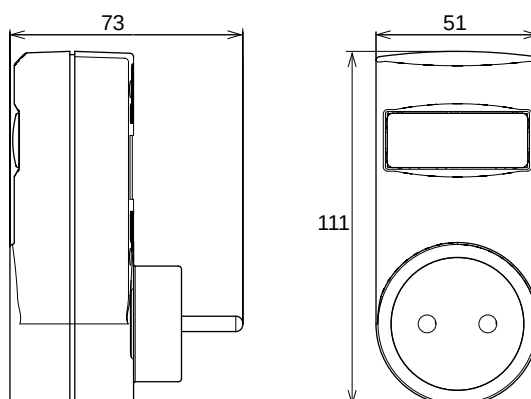


Programming keys

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 $\pm$ 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

 25 °C 230 V 50 Hz Max. WVA	1 250	2 250	3 NO	4 NO	5 NO	6 NO
--	---------------------	---------------------	--------------------	--------------------	--------------------	--------------------

- 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

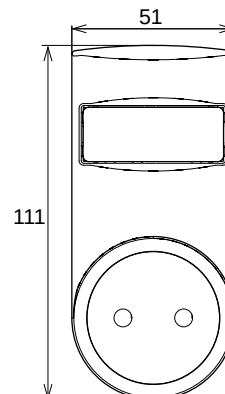
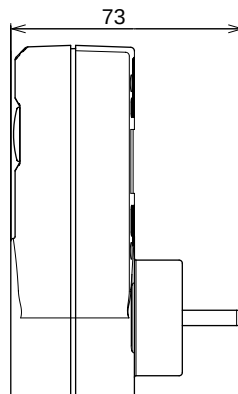


Programming keys

Programming

Programming operation follows the same principles as described in the «Unica wireless system» part.

Dimensions (mm)



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 $\pm 10\%$, 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	2	3	4	5	6	7
							
25 °C 230 V 50 Hz Max. WVA	2300	2000	500	920	880	880	690

- 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.

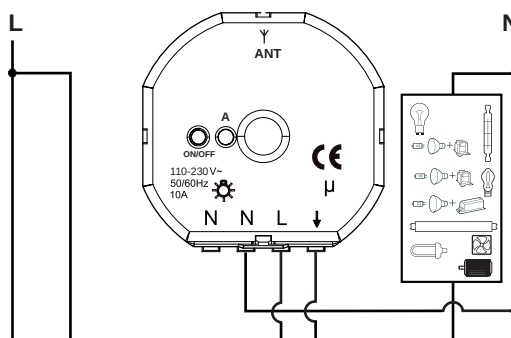
Advantages

- 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

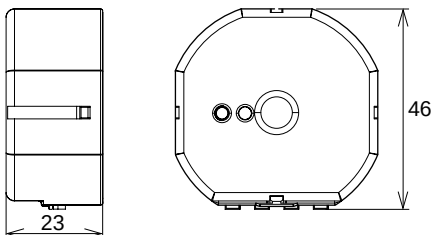
- The universal receiver can be mounted in various ways:
 - Flush-mounted in the ceiling in a box with a minimum depth of 40 mm.
 - Concealed in the base of a ceiling light. A hook can be passed through the hole in the centre to fix the lamp.
 - Concealed in a suspended ceiling.
 - In a flush wall-mounted 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.



Unica wireless

Technical information

Test kit

CCT1A090

www.schneider-electric.com

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.

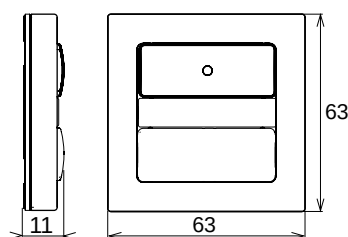
Installation

- 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)

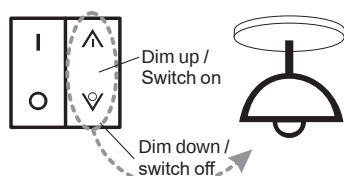


Introduction

- The Unica wireless system is used for wireless control of lamps and other electrical equipment.
- 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 used the 2 poles of a key:
 - Top to switch on/dim up/open.
 - Bottom to switch off/dim down/close.

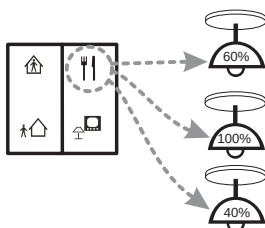


Example of "simple mode" for light dimming

The covers (2 modules or 2 x 1 module) have to be removed to access to the programming keys and the emitters have to be programmed before the receivers.

Scenario mode

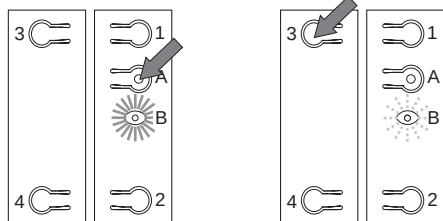
- The Unica wireless system can be programmed to remember various settings, called "Scenario mode". With a "Scenario mode" you get predefined lighting atmospheres with just one press of a key.
- "Scenario mode" is particularly useful when the receivers are designed as dimmers. A "Turn off all" function should be programmed into all "Scenario mode".
- With a "Scenario mode", each pole is independant and activates it's scenario.



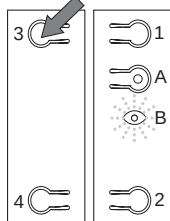
Example of "Scenario mode" for dinner

The covers (2 modules or 2 x 1 module) have to be removed to access to the programming keys and the emitters have to be programmed before the receivers.

Emitter(s) programming



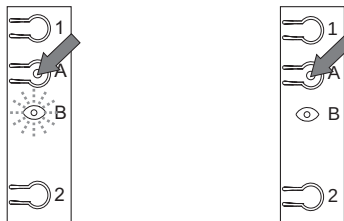
Start the programming by pressing the programming button A once. LED B lights up red.



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

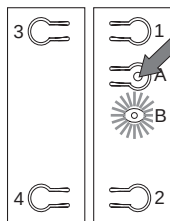


Select the receiver by pressing the programming button A once. Wait until LED B flashes red. (after 5 s with a combined module). Repeat this operation on other receiver(s) if needed.



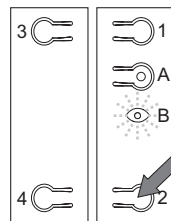
Finish the programming by pressing programming button A of any receiver. All LEDs are switched off.

Emitter(s) programming



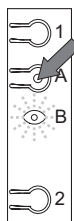
Start the programming by pressing the programming button A twice. LED B lights up green.

Repeat this operation on other emitter(s) if needed.

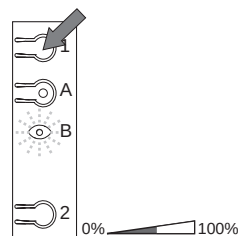


Before 5 s, select a key: Press 1 or 2 to select the top or bottom part of the right side. or press 3 or 4 to select the top or bottom part of the left side. LED B flashes green.

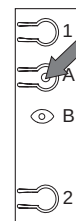
Receiver(s) programming



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.

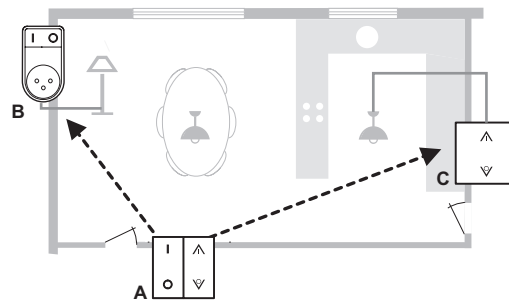


Finish the programming by pressing programming button A of any receiver. All LEDs are switched off.

Repeat this operation on other receiver(s) if needed.

Programming examples (cont'd)

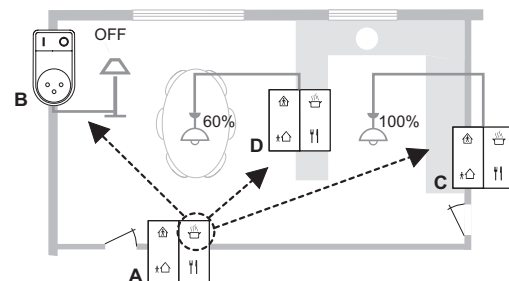
"Simple mode" example



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.

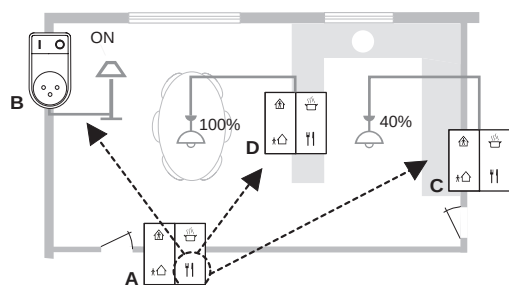
"Scenario mode" example



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



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



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.



Interested by the intelligent system? [See KNX catalog](#)



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.

Unica KNX

Quick selection guide

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.

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.

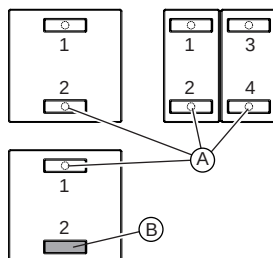
Technical data

- 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.

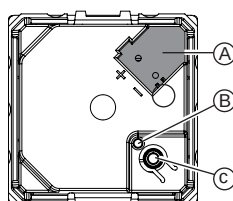
Connections, displays and operating elements



(A) Status LEDs

(B) IR receiver (no status LED)

1-4: Button assignment in the ETS

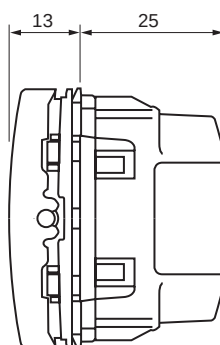


(A) Bus connection

(B) Programming LED

(C) Programming button

Dimensions



Unica KNX

Technical information

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)

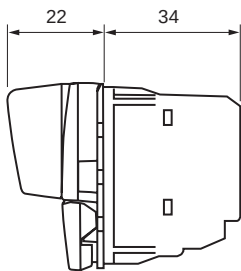
Standards

EC guidelines: Low-voltage guideline 2006/95/EEC and EMC guideline 2004/108/EC.

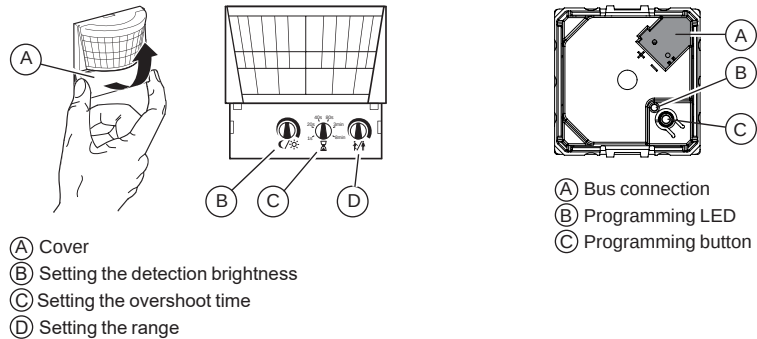
Software functions

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

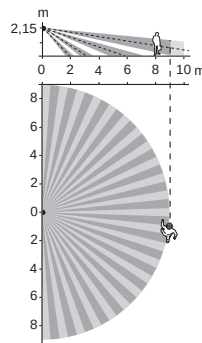


Connections, displays and operating elements

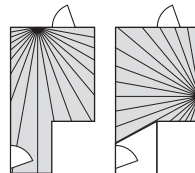


Use

- 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

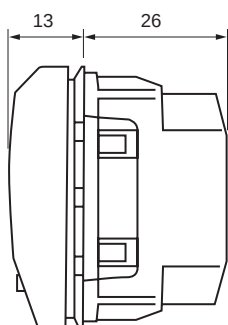
Functions of the room temperature control unit:

- 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:

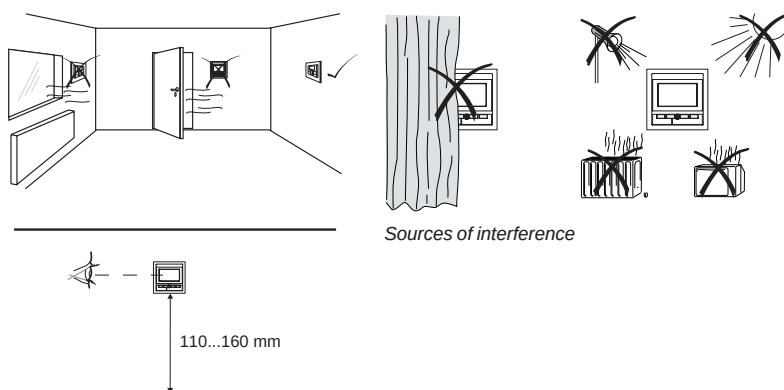
Selection of 1-4 operating modes each push-button. Move setpoint.

Dimensions

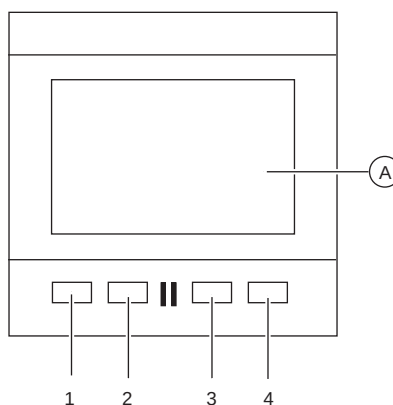


Use

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.



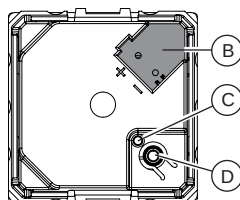
Connections, displays and operating elements



1 + 4: Menu navigation push-buttons

2 + 3: Push-buttons

(A) Display



(B) Bus connection

(C) Programming LED

(D) Programming button

Reference number overview

Ref	page	Ref	page	Ref	page	Ref	page	Ref	page
CCT1A000.....	58	MGU2.801.55.....	137	MGU3.041.30.....	45	MGU3.105.25.....	86	MGU3.163.25S.....	87
CCT1A000.....	115	MGU2.801.57.....	137	MGU3.043.18.....	99	MGU3.105.25N.....	87	MGU3.163.30.....	32
CCT1A010.....	58	MGU2.802.18.....	137	MGU3.045.12.....	44	MGU3.105.30.....	32	MGU3.163.30N.....	33
CCT1A010.....	115	MGU2.802.25.....	137	MGU3.045.18.....	98	MGU3.105.30N.....	33	MGU3.163.30S.....	33
CCT1A020.....	57	MGU2.802.55.....	137	MGU3.045.25.....	98	MGU3.105T.18.....	86	MGU3.201.12.....	32
CCT1A020.....	114	MGU2.802.57.....	137	MGU3.045.30.....	44	MGU3.105T.18N.....	87	MGU3.201.12N.....	33
CCT1A021.....	57	MGU2.803.18.....	137	MGU3.046.18.....	98	MGU3.105T.30N.....	33	MGU3.201.12S.....	33
CCT1A021.....	114	MGU2.803.25.....	137	MGU3.046.30.....	44	MGU3.106.12.....	34	MGU3.201.18N.....	87
CCT1A022.....	57	MGU2.803.55.....	137	MGU3.047.03.....	45	MGU3.106.12C.....	34	MGU3.201.18S.....	87
CCT1A022.....	114	MGU2.803.57.....	137	MGU3.047.03.....	99	MGU3.106.12CN.....	34	MGU3.201.25.....	86
CCT1A023.....	57	MGU2.804.18.....	137	MGU3.047.12.....	45	MGU3.106.12L.....	34	MGU3.201.25N.....	87
CCT1A023.....	114	MGU2.804.25.....	137	MGU3.047.18.....	99	MGU3.106.12LN.....	34	MGU3.201.25S.....	87
CCT1A030.....	58	MGU2.804.55.....	137	MGU3.047.25.....	99	MGU3.106.12N.....	34	MGU3.201.30.....	32
CCT1A030.....	115	MGU2.804.57.....	137	MGU3.047.30.....	45	MGU3.106.18.....	88	MGU3.201.30N.....	33
CCT1A031.....	58	MGU2.806.18.....	137	MGU3.048.18.....	99	MGU3.106.18C.....	88	MGU3.201.30S.....	33
CCT1A031.....	115	MGU2.806.25.....	137	MGU3.048.30.....	45	MGU3.106.18CN.....	88	MGU3.201T.12N.....	33
CCT1A090.....	58	MGU2.806.55.....	137	MGU3.057.03.....	43	MGU3.106.18L.....	88	MGU3.201T.18.....	86
CCT1A090.....	115	MGU2.806.57.....	137	MGU3.057.03.....	97	MGU3.106.18LN.....	88	MGU3.201T.18N.....	87
ENN35303.....	119	MGU3.020.18.....	99	MGU3.057.03SL.....	43	MGU3.106.18N.....	88	MGU3.201T.25.....	86
ENN37303.....	119	MGU3.020.25.....	99	MGU3.057.03SL.....	97	MGU3.106.25.....	88	MGU3.201T.30N.....	33
MGU0.570.12.....	58	MGU3.021.18.....	45	MGU3.057.06.....	43	MGU3.106.25C.....	88	MGU3.203.12.....	32
MGU0.570.18.....	115	MGU3.021.18.....	99	MGU3.057.06.....	97	MGU3.106.25CN.....	88	MGU3.203.12N.....	33
MGU0.570.25.....	115	MGU3.021.25.....	99	MGU3.057.12.....	43	MGU3.106.25L.....	88	MGU3.203.12S.....	33
MGU0.570.30.....	58	MGU3.021.30.....	45	MGU3.057.12TA.....	43	MGU3.106.25LN.....	88	MGU3.203.12VMC.....	36
MGU0.821.....	51	MGU3.023.12.....	44	MGU3.057.18.....	97	MGU3.106.25N.....	88	MGU3.203.18.....	86
MGU0.821.....	108	MGU3.023.18.....	98	MGU3.057.18SL.....	97	MGU3.106.30.....	34	MGU3.203.18N.....	87
MGU0.822.AL.....	35	MGU3.023.25.....	98	MGU3.057.18TA.....	97	MGU3.106.30C.....	34	MGU3.203.18S.....	87
MGU0.822.AL.....	89	MGU3.023.30.....	44	MGU3.057.25.....	97	MGU3.106.30CN.....	34	MGU3.203.18VMC.....	90
MGU0.822.AZL.....	35	MGU3.027.18.....	100	MGU3.057.25TA.....	97	MGU3.106.30L.....	34	MGU3.203.25.....	86
MGU0.822.AZL.....	89	MGU3.027.25.....	100	MGU3.057.30.....	43	MGU3.106.30LN.....	34	MGU3.203.25N.....	87
MGU0.823.AM.....	35	MGU3.028.12.....	46	MGU3.057.30SL.....	43	MGU3.106.30N.....	34	MGU3.203.25S.....	87
MGU0.823.AM.....	89	MGU3.028.18.....	100	MGU3.057.30TA.....	43	MGU3.106T.12.....	34	MGU3.203.30.....	32
MGU0.824.....	42	MGU3.028.30.....	46	MGU3.059.03.....	98	MGU3.106T.12N.....	34	MGU3.203.30N.....	33
MGU0.824.....	96	MGU3.030.12.....	44	MGU3.059.03SL.....	44	MGU3.106T.18.....	88	MGU3.203.30S.....	33
MGU0.825.AL.....	35	MGU3.030.18.....	98	MGU3.059.12.....	44	MGU3.106T.18N.....	88	MGU3.203.30VMC.....	36
MGU0.825.AL.....	89	MGU3.030.30.....	44	MGU3.059.18.....	98	MGU3.106T.25.....	88	MGU3.203T.18.....	86
MGU0.825.AZL.....	35	MGU3.031.12.....	45	MGU3.059.25.....	98	MGU3.106T.25N.....	88	MGU3.203T.30.....	32
MGU0.825.AZL.....	89	MGU3.031.18.....	99	MGU3.059.30.....	44	MGU3.106T.30.....	34	MGU3.205.12.....	32
MGU0.839.12.....	46	MGU3.031.25.....	99	MGU3.061.12.....	46	MGU3.106T.30N.....	34	MGU3.205.12N.....	33
MGU0.839.18.....	100	MGU3.031.30.....	45	MGU3.061.18.....	100	MGU3.107T.12.....	36	MGU3.205.18.....	86
MGU0.839.30.....	46	MGU3.033.12.....	45	MGU3.061.25.....	100	MGU3.107T.18.....	90	MGU3.205.18N.....	87
MGU2.002.18.....	152	MGU3.033.18.....	99	MGU3.061.30.....	46	MGU3.107T.25.....	90	MGU3.205.25.....	86
MGU2.002.18M.....	152	MGU3.033.25.....	99	MGU3.068.18.....	99	MGU3.107T.30.....	36	MGU3.205.25N.....	87
MGU2.002.25.....	152	MGU3.033.30.....	45	MGU3.068.30.....	45	MGU3.108T.12.....	36	MGU3.205.30.....	32
MGU2.002.25M.....	152	MGU3.036.12.....	43	MGU3.077.12.....	45	MGU3.108T.18.....	90	MGU3.205.30N.....	33
MGU2.002.559.....	152	MGU3.036.18.....	97	MGU3.077.18.....	99	MGU3.108T.25.....	90	MGU3.205T.30.....	32
MGU2.002.858.....	152	MGU3.036.25.....	97	MGU3.077.25.....	99	MGU3.108T.30.....	36	MGU3.206.12.....	34
MGU2.002.859.....	152	MGU3.036.30.....	43	MGU3.077.30.....	45	MGU3.109T.12.....	36	MGU3.206.12C.....	34
MGU2.004.18.....	152	MGU3.037.03.....	43	MGU3.101.12.....	32	MGU3.109T.18.....	90	MGU3.206.12CN.....	34
MGU2.004.25.....	152	MGU3.037.03.....	97	MGU3.101.12N.....	33	MGU3.109T.25.....	90	MGU3.206.12L.....	34
MGU2.004.559.....	152	MGU3.037.03SL.....	43	MGU3.101.18.....	86	MGU3.109T.30.....	36	MGU3.206.12LN.....	34
MGU2.004.858.....	152	MGU3.037.03SL.....	97	MGU3.101.18.....	86	MGU3.127T.12.....	36	MGU3.206.12N.....	34
MGU2.004.859.....	152	MGU3.037.06.....	43	MGU3.101.18N.....	87	MGU3.127T.30.....	36	MGU3.206.18.....	88
MGU2.006.18.....	152	MGU3.037.06.....	97	MGU3.101.18S.....	87	MGU3.136.12.....	34	MGU3.206.18C.....	88
MGU2.006.25.....	152	MGU3.037.12.....	43	MGU3.101.25.....	86	MGU3.136.18.....	88	MGU3.206.18CN.....	88
MGU2.006.559.....	152	MGU3.037.12SL.....	43	MGU3.101.25N.....	87	MGU3.136.25.....	88	MGU3.206.18L.....	88
MGU2.006.858.....	152	MGU3.037.12TA.....	43	MGU3.101.25S.....	87	MGU3.136.30.....	34	MGU3.206.18LN.....	88
MGU2.006.859.....	152	MGU3.037.18.....	97	MGU3.101.30.....	32	MGU3.161.12.....	32	MGU3.206.18N.....	88
MGU2.008.18.....	152	MGU3.037.18SL.....	97	MGU3.101.30N.....	33	MGU3.161.12N.....	33	MGU3.206.25.....	88
MGU2.008.25.....	152	MGU3.037.18TA.....	97	MGU3.101T.18.....	86	MGU3.161.12S.....	33	MGU3.206.25C.....	88
MGU2.008.559.....	152	MGU3.037.25.....	97	MGU3.101T.18N.....	87	MGU3.161.18.....	86	MGU3.206.25CN.....	88
MGU2.008.858.....	152	MGU3.037.25SL.....	97	MGU3.101T.30.....	32	MGU3.161.18N.....	87	MGU3.206.25L.....	88
MGU2.008.859.....	152	MGU3.037.25TA.....	97	MGU3.101T.30N.....	33	MGU3.161.18S.....	87	MGU3.206.25LN.....	88
MGU2.010.18.....	152	MGU3.037.30.....	43	MGU3.103.12.....	32	MGU3.161.25.....	86	MGU3.206.25N.....	88
MGU2.010.25.....	152	MGU3.037.30SL.....	43	MGU3.103.12N.....	33	MGU3.161.25N.....	87	MGU3.206.30.....	34
MGU2.502.18.....	149	MGU3.037.30TA.....	43	MGU3.103.12S.....	33	MGU3.161.25S.....	87	MGU3.206.30C.....	34
MGU2.702.16.....	136	MGU3.037.61.....	43	MGU3.103.18.....	86	MGU3.161.30.....	32	MGU3.206.30CN.....	34
MGU2.702.17.....	136	MGU3.037.61.....	97	MGU3.103.18N.....	87	MGU3.161.30N.....	33	MGU3.206.30L.....	34
MGU2.702.18.....	136	MGU3.039.03.....	44	MGU3.103.18S.....	87	MGU3.161.30S.....	33	MGU3.206.30LN.....	34
MGU2.702.25.....	136	MGU3.039.03.....	98	MGU3.103.25.....	86	MGU3.162.12.....	32	MGU3.206.30N.....	34
MGU2.704.16.....	136	MGU3.039.03SL.....	44	MGU3.103.25N.....	87	MGU3.162.12S.....	33	MGU3.206T.18.....	88
MGU2.704.17.....	136	MGU3.039.03SL.....	98	MGU3.103.25S.....	87	MGU3.162.18.....	86	MGU3.206T.18N.....	88
MGU2.704.18.....	136	MGU3.039.12.....	44	MGU3.103.30.....	32	MGU3.162.18S.....	87	MGU3.206T.30N.....	34
MGU2.704.25.....	136	MGU3.039.12SL.....	44	MGU3.103.30N.....	33	MGU3.162.25.....	86	MGU3.207.12.....	36
MGU2.706.16.....	136	MGU3.039.18.....	98	MGU3.103.30S.....	33	MGU3.162.25S.....	87	MGU3.207.18.....	90
MGU2.706.17.....	136	MGU3.039.18SL.....	98	MGU3.103T.12N.....	33	MGU3.162.30S.....	33	MGU3.207.25.....	90
MGU2.706.18.....	136	MGU3.039.25.....	98	MGU3.103T.18.....	86	MGU3.163.12.....	32	MGU3.207.30.....	36
MGU2.706.25.....	136	MGU3.039.30.....	44	MGU3.103T.18N.....	87	MGU3.163.12N.....	33	MGU3.207T.18.....	90
MGU2.708.16.....	136	MGU3.039.30SL.....	44	MGU3.103T.25.....	86	MGU3.163.12S.....	33	MGU3.208.12.....	36
MGU2.708.17.....	136	MGU3.040.18.....	97	MGU3.103T.30.....	32	MGU3.163.18.....	86	MGU3.208.18.....	90
MGU2.708.18.....	136	MGU3.040.25.....	97	MGU3.105.12.....	32	MGU3.163.18N.....	87	MGU3.208.25.....	90
MGU2.708.25.....	136	MGU3.041.12.....	45	MGU3.105.12N.....	33	MGU3.163.18S.....	87	MGU3.208.30.....	36
MGU2.801.18.....	137	MGU3.041.18.....	99	MGU3.105.18.....	86	MGU3.163.25.....	86	MGU3.208T.18.....	90
MGU2.801.25.....	137	MGU3.041.25.....	99	MGU3.105.18N.....	87	MGU3.163.25N.....	87	MGU3.211.12.....	32

Reference number overview

Ref	page	Ref	page	Ref	page	Ref	page	Ref	page
MGU3.211.18	86	MGU3.411.25	104	MGU3.444.12	47	MGU3.490.18	108	MGU3.535.18	95
MGU3.211.25	86	MGU3.411.30	47	MGU3.444.18	104	MGU3.490.25	108	MGU3.535.25	95
MGU3.211.30	32	MGU3.412.12	47	MGU3.444.25	104	MGU3.490.30	51	MGU3.535.30	41
MGU3.213.12	32	MGU3.412.18	104	MGU3.444.30	47	MGU3.491.12	51	MGU3.540.12	42
MGU3.213.18	86	MGU3.412.25	104	MGU3.445.12	47	MGU3.491.18	108	MGU3.540.12CS	42
MGU3.213.25	86	MGU3.412.30	47	MGU3.445.18	104	MGU3.491.25	108	MGU3.540.18	96
MGU3.213.30	32	MGU3.413.12	47	MGU3.445.25	104	MGU3.491.30	51	MGU3.540.25	96
MGU3.214.12	36	MGU3.413.18	104	MGU3.445.30	47	MGU3.492.12	51	MGU3.540.30	42
MGU3.214.18	90	MGU3.413.25	104	MGU3.446.12	47	MGU3.492.18	108	MGU3.540.30CS	42
MGU3.214.30	36	MGU3.413.30	47	MGU3.446.18	104	MGU3.492.25	108	MGU3.541.12	41
MGU3.216.18CN	89	MGU3.414.12	47	MGU3.446.25	104	MGU3.492.30	51	MGU3.541.18	95
MGU3.216.25CN	89	MGU3.414.18	104	MGU3.446.30	47	MGU3.493.12	51	MGU3.541.25	95
MGU3.216.30CN	35	MGU3.414.25	104	MGU3.447.12	47	MGU3.493.18	108	MGU3.541.30	41
MGU3.223.18	91	MGU3.414.30	47	MGU3.447.18	104	MGU3.493.25	108	MGU3.545.12	42
MGU3.224.18	91	MGU3.415.12	47	MGU3.447.25	104	MGU3.493.30	51	MGU3.545.18	96
MGU3.224.18S	91	MGU3.415.18	104	MGU3.447.30	47	MGU3.493.12	51	MGU3.545.25	96
MGU3.224.25	91	MGU3.415.25	104	MGU3.450.12	49	MGU3.495.18	108	MGU3.545.30	42
MGU3.224.25S	91	MGU3.415.30	47	MGU3.450.18	106	MGU3.495.25	108	MGU3.546.12	42
MGU3.224.30	37	MGU3.416.12	47	MGU3.450.30	49	MGU3.495.30	51	MGU3.546.18	96
MGU3.224.30S	37	MGU3.416.18	104	MGU3.451.12	49	MGU3.497.12	51	MGU3.546.25	96
MGU3.226.12	36	MGU3.416.25	104	MGU3.451.18	106	MGU3.497.18	108	MGU3.546.30	42
MGU3.226.18	90	MGU3.416.30	47	MGU3.451.25	106	MGU3.497.25	108	MGU3.559.12	39
MGU3.226.25	90	MGU3.417.12	47	MGU3.451.30	49	MGU3.497.30	51	MGU3.559.18	93
MGU3.226.30	36	MGU3.417.18	104	MGU3.452.12	49	MGU3.498.12	51	MGU3.559.25	93
MGU3.231.12	37	MGU3.417.25	104	MGU3.452.18	106	MGU3.498.18	108	MGU3.559.30	39
MGU3.231.18	91	MGU3.417.30	47	MGU3.452.25	106	MGU3.498.25	108	MGU3.572.12	56
MGU3.231.25	91	MGU3.418.12	53	MGU3.452.30	49	MGU3.498.30	51	MGU3.572.18	113
MGU3.231.30	37	MGU3.418.18	110	MGU3.453.12	49	MGU3.499.12	51	MGU3.572.25	113
MGU3.232.12S	37	MGU3.418.25	110	MGU3.453.18	106	MGU3.499.18	108	MGU3.572.30	56
MGU3.232.18S	91	MGU3.418.30	53	MGU3.453.25	106	MGU3.499.25	108	MGU3.573.12	56
MGU3.232.25S	91	MGU3.420.12	47	MGU3.453.30	49	MGU3.499.30	51	MGU3.573.18	113
MGU3.232.30S	37	MGU3.420.18	104	MGU3.454.12	49	MGU3.501.12	41	MGU3.573.25	113
MGU3.236.12	34	MGU3.420.25	104	MGU3.454.18	106	MGU3.501.18	95	MGU3.573.30	56
MGU3.236.18	88	MGU3.420.30	47	MGU3.454.25	106	MGU3.501.25	95	MGU3.574.12	56
MGU3.236.25	88	MGU3.421.18	104	MGU3.454.30	49	MGU3.501.30	41	MGU3.574.18	113
MGU3.236.30	34	MGU3.421.25	104	MGU3.455.12	49	MGU3.503.12	41	MGU3.574.25	113
MGU3.246.1212V	35	MGU3.422.12	47	MGU3.455.18	106	MGU3.503.18	95	MGU3.574.30	56
MGU3.246.1812V	89	MGU3.422.18	104	MGU3.455.25	106	MGU3.503.25	95	MGU3.579.12	35
MGU3.246.2512V	89	MGU3.422.25	104	MGU3.455.30	49	MGU3.503.30	41	MGU3.579.18	89
MGU3.246.3012V	35	MGU3.422.30	47	MGU3.456.12	49	MGU3.505.12	41	MGU3.579.25	89
MGU3.261.12	32	MGU3.423.12	47	MGU3.456.18	106	MGU3.505.18	95	MGU3.579.30	35
MGU3.261.12N	33	MGU3.423.18	104	MGU3.456.25	106	MGU3.505.25	95	MGU3.610.18	92
MGU3.261.12S	33	MGU3.423.25	104	MGU3.456.30	49	MGU3.505.30	41	MGU3.610.25	92
MGU3.261.18	86	MGU3.423.30	47	MGU3.462.12	50	MGU3.510.12	39	MGU3.611.18	92
MGU3.261.18N	87	MGU3.424.12	47	MGU3.462.18	107	MGU3.510.18	93	MGU3.611.25	92
MGU3.261.18S	87	MGU3.424.18	104	MGU3.462.25	107	MGU3.510.25	93	MGU3.612.18	92
MGU3.261.25	86	MGU3.424.25	104	MGU3.462.30	50	MGU3.510.30	39	MGU3.612.25	92
MGU3.261.25N	87	MGU3.424.30	47	MGU3.463.12	50	MGU3.511.12	39	MGU3.614.18	92
MGU3.261.25S	87	MGU3.425.12	47	MGU3.463.18	107	MGU3.511.18	93	MGU3.614.25	92
MGU3.261.30	32	MGU3.425.18	104	MGU3.463.25	107	MGU3.511.25	93	MGU3.615.18	92
MGU3.261.30N	33	MGU3.425.25	104	MGU3.463.30	50	MGU3.511.30	39	MGU3.615.25	92
MGU3.261.30S	33	MGU3.425.30	47	MGU3.464.12	50	MGU3.515.12	39	MGU3.630.18	92
MGU3.262.12	32	MGU3.426.12	47	MGU3.464.18	107	MGU3.515.18	93	MGU3.630.25	92
MGU3.262.12S	33	MGU3.426.18	104	MGU3.464.25	107	MGU3.515.25	39	MGU3.630.30	38
MGU3.262.18	86	MGU3.426.25	104	MGU3.464.30	50	MGU3.515.30	39	MGU3.631.12	38
MGU3.262.18S	87	MGU3.426.30	47	MGU3.465.12	50	MGU3.524.12	40	MGU3.631.18	92
MGU3.262.25	86	MGU3.427.12	47	MGU3.465.18	107	MGU3.524.18	94	MGU3.631.25	92
MGU3.262.25S	87	MGU3.427.18	104	MGU3.465.25	107	MGU3.524.25	94	MGU3.631.30	38
MGU3.262.30	32	MGU3.427.25	104	MGU3.465.30	50	MGU3.524.30	40	MGU3.632.18	92
MGU3.262.30S	33	MGU3.427.30	47	MGU3.466.12	50	MGU3.525.12	40	MGU3.632.25	92
MGU3.263.12	32	MGU3.428.12	53	MGU3.466.18	107	MGU3.525.18	94	MGU3.654.18	92
MGU3.263.12N	33	MGU3.428.18	110	MGU3.466.25	107	MGU3.525.25	94	MGU3.654.25	92
MGU3.263.12S	33	MGU3.428.25	110	MGU3.466.30	50	MGU3.525.30	40	MGU3.655.18	92
MGU3.263.18	86	MGU3.428.30	53	MGU3.467.12	50	MGU3.530.12	59	MGU3.655.25	92
MGU3.263.18N	87	MGU3.429.12	52	MGU3.467.18	107	MGU3.530.18	116	MGU3.656.18	92
MGU3.263.18S	87	MGU3.429.18	109	MGU3.467.25	107	MGU3.530.25	116	MGU3.656.25	92
MGU3.263.25	86	MGU3.429.25	109	MGU3.467.30	50	MGU3.530.30	59	MGU3.701.12	35
MGU3.263.25N	87	MGU3.429.30	52	MGU3.468.12	49	MGU3.531.12	59	MGU3.701.18	89
MGU3.263.25S	87	MGU3.430.12	52	MGU3.468.18	106	MGU3.531.18	116	MGU3.701.25	89
MGU3.263.30	32	MGU3.430.18	109	MGU3.468.25	106	MGU3.531.25	116	MGU3.701.30	35
MGU3.263.30N	33	MGU3.430.25	109	MGU3.468.30	49	MGU3.531.30	59	MGU3.710.12	42
MGU3.263.30S	33	MGU3.430.30	52	MGU3.469.12	49	MGU3.532.12	59	MGU3.710.18	96
MGU3.283.12	42	MGU3.431.12	52	MGU3.469.18	106	MGU3.532.18	116	MGU3.710.25	96
MGU3.283.12CS	42	MGU3.431.18	109	MGU3.469.25	106	MGU3.532.25	116	MGU3.710.30	42
MGU3.283.18	96	MGU3.431.25	109	MGU3.469.30	49	MGU3.532.30	59	MGU3.711.12	42
MGU3.283.25	96	MGU3.431.30	52	MGU3.486.12	53	MGU3.533.12	60	MGU3.711.18	96
MGU3.283.30	42	MGU3.432.12	52	MGU3.486.18	110	MGU3.533.18	117	MGU3.711.25	96
MGU3.283.30CS	42	MGU3.432.18	109	MGU3.486.25	110	MGU3.533.25	117	MGU3.711.30	42
MGU3.410.12	47	MGU3.432.25	109	MGU3.486.30	53	MGU3.533.30	60	MGU3.712	42
MGU3.410.18	104	MGU3.432.30	52	MGU3.487.12	53	MGU3.534.12	60	MGU3.712	96
MGU3.410.25	104	MGU3.433.12	52	MGU3.487.18	110	MGU3.534.18	117	MGU3.713.12	42
MGU3.410.30	47	MGU3.433.18	109	MGU3.487.25	110	MGU3.534.25	117	MGU3.713.18	96
MGU3.411.12	47	MGU3.433.25	109	MGU3.487.30	53	MGU3.534.30	60	MGU3.713.25	96
MGU3.411.18	104	MGU3.433.30	52	MGU3.490.12	51	MGU3.535.12	41	MGU3.713.30	42

Reference number overview

Ref	page	Ref	page	Ref	page	Ref	page	Ref	page
MGU3.716.12	42	MGU4.102.13	142	MGU5.064.18	99	MGU6.004V.551	125	MGU6.006V.577	126
MGU3.716.18	96	MGU4.102.18	142	MGU5.064.30	45	MGU6.004V.554	125	MGU6.006V.824	126
MGU3.716.25	96	MGU4.102.24	142	MGU5.512.12ZD	39	MGU6.004V.563	125	MGU6.006V.851	126
MGU3.716.30	42	MGU4.102.25	142	MGU5.512.18ZD	93	MGU6.004V.565	125	MGU6.006V.854	126
MGU3.775.12A	51	MGU4.102.30	142	MGU5.512.25ZD	93	MGU6.004V.566	125	MGU6.006V.865	126
MGU3.775.12R	51	MGU4.102.42	142	MGU5.512.30ZD	39	MGU6.004V.567	125	MGU6.006V.867	126
MGU3.775.12T	51	MGU4.102.51	142	MGU6.002.12	76	MGU6.004V.569	125	MGU6.006V.869	126
MGU3.775.12V	51	MGU4.102.54	142	MGU6.002.18	124	MGU6.004V.570	125	MGU6.006V.870	126
MGU3.775.18A	108	MGU4.102.58	142	MGU6.002.25	124	MGU6.004V.571	125	MGU6.006V.871	126
MGU3.775.18R	108	MGU4.102.59	142	MGU6.002.30	76	MGU6.004V.572	125	MGU6.006V.872	126
MGU3.775.18T	108	MGU4.102.60	142	MGU6.002.524	124	MGU6.004V.573	125	MGU6.006V.873	126
MGU3.775.18V	108	MGU4.102.62	142	MGU6.002.542	124	MGU6.004V.574	125	MGU6.006V.874	126
MGU3.775.25A	108	MGU4.102.64	142	MGU6.002.551	124	MGU6.004V.576	125	MGU6.006V.876	126
MGU3.775.25R	108	MGU4.102.67	142	MGU6.002.554	124	MGU6.004V.577	125	MGU6.006V.877	126
MGU3.775.25T	108	MGU4.103.13	142	MGU6.002.563	124	MGU6.004V.824	125	MGU6.008.12	77
MGU3.775.25V	108	MGU4.103.18	142	MGU6.002.565	124	MGU6.004V.842	125	MGU6.008.18	126
MGU3.775.30A	51	MGU4.103.24	142	MGU6.002.566	124	MGU6.004V.851	125	MGU6.008.25	126
MGU3.775.30R	51	MGU4.103.25	142	MGU6.002.567	124	MGU6.004V.854	125	MGU6.008.30	77
MGU3.775.30T	51	MGU4.103.30	142	MGU6.002.569	124	MGU6.004V.863	125	MGU6.008.524	126
MGU3.775.30V	51	MGU4.103.42	142	MGU6.002.570	124	MGU6.004V.865	125	MGU6.008.542	126
MGU3.776.T	54	MGU4.103.51	142	MGU6.002.571	124	MGU6.004V.866	125	MGU6.008.551	126
MGU3.776.T	111	MGU4.103.54	142	MGU6.002.572	124	MGU6.004V.867	125	MGU6.008.554	126
MGU3.780.T	54	MGU4.103.58	142	MGU6.002.573	124	MGU6.004V.869	125	MGU6.008.563	126
MGU3.780.T	111	MGU4.103.59	142	MGU6.002.574	124	MGU6.004V.870	125	MGU6.008.565	126
MGU3.785.12	54	MGU4.103.60	142	MGU6.002.576	124	MGU6.004V.871	125	MGU6.008.566	126
MGU3.785.18	111	MGU4.103.62	142	MGU6.002.577	124	MGU6.004V.872	125	MGU6.008.567	126
MGU3.785.25	111	MGU4.103.64	142	MGU6.002.824	124	MGU6.004V.873	125	MGU6.008.569	126
MGU3.785.30	54	MGU4.103.67	142	MGU6.002.842	124	MGU6.004V.874	125	MGU6.008.570	126
MGU3.786.12	54	MGU4.104.13	143	MGU6.002.851	124	MGU6.004V.876	125	MGU6.008.571	126
MGU3.786.18	111	MGU4.104.18	143	MGU6.002.854	124	MGU6.004V.877	125	MGU6.008.572	126
MGU3.786.25	111	MGU4.104.24	143	MGU6.002.863	124	MGU6.006.12	77	MGU6.008.573	126
MGU3.786.30	54	MGU4.104.25	143	MGU6.002.865	124	MGU6.006.18	125	MGU6.008.574	126
MGU3.860.12	55	MGU4.104.30	143	MGU6.002.866	124	MGU6.006.25	125	MGU6.008.576	126
MGU3.860.18	112	MGU4.104.42	143	MGU6.002.867	124	MGU6.006.30	77	MGU6.008.577	126
MGU3.860.25	112	MGU4.104.51	143	MGU6.002.869	124	MGU6.006.524	125	MGU6.008.824	126
MGU3.860.30	55	MGU4.104.54	143	MGU6.002.870	124	MGU6.006.542	125	MGU6.008.842	126
MGU3.862.12	55	MGU4.104.58	143	MGU6.002.871	124	MGU6.006.551	125	MGU6.008.851	126
MGU3.862.18	112	MGU4.104.59	143	MGU6.002.872	124	MGU6.006.554	125	MGU6.008.854	126
MGU3.862.25	112	MGU4.104.60	143	MGU6.002.873	124	MGU6.006.563	125	MGU6.008.863	126
MGU3.862.30	55	MGU4.104.62	143	MGU6.002.874	124	MGU6.006.565	125	MGU6.008.865	126
MGU4.000.01	149	MGU4.104.64	143	MGU6.002.876	124	MGU6.006.566	125	MGU6.008.866	126
MGU4.000.05	149	MGU4.104.67	143	MGU6.002.877	124	MGU6.006.567	125	MGU6.008.867	126
MGU4.000.06	149	MGU4.106.13	143	MGU6.004.12	76	MGU6.006.569	125	MGU6.008.869	126
MGU4.000.13	149	MGU4.106.18	143	MGU6.004.18	124	MGU6.006.570	125	MGU6.008.870	126
MGU4.000.18	149	MGU4.106.24	143	MGU6.004.25	124	MGU6.006.571	125	MGU6.008.871	126
MGU4.000.24	149	MGU4.106.25	143	MGU6.004.30	76	MGU6.006.572	125	MGU6.008.872	126
MGU4.000.25	149	MGU4.106.30	143	MGU6.004.524	124	MGU6.006.573	125	MGU6.008.873	126
MGU4.000.31	149	MGU4.106.42	143	MGU6.004.542	124	MGU6.006.574	125	MGU6.008.874	126
MGU4.000.34	149	MGU4.106.51	143	MGU6.004.551	124	MGU6.006.576	125	MGU6.008.876	126
MGU4.000.42	149	MGU4.106.54	143	MGU6.004.554	124	MGU6.006.577	125	MGU6.008.877	126
MGU4.000.43	149	MGU4.106.58	143	MGU6.004.563	124	MGU6.006.824	125	MGU6.014V.18	127
MGU4.000.44	149	MGU4.106.59	143	MGU6.004.565	124	MGU6.006.842	125	MGU6.014V.25	127
MGU4.000.48	149	MGU4.106.60	143	MGU6.004.566	124	MGU6.006.851	125	MGU6.014V.551	127
MGU4.000.51	149	MGU4.106.62	143	MGU6.004.567	124	MGU6.006.854	125	MGU6.014V.567	127
MGU4.000.54	149	MGU4.106.64	143	MGU6.004.569	124	MGU6.006.863	125	MGU6.014V.574	127
MGU4.000.58	149	MGU4.106.67	143	MGU6.004.570	124	MGU6.006.865	125	MGU6.014V.824	127
MGU4.000.59	149	MGU4.702.26	136	MGU6.004.571	124	MGU6.006.866	125	MGU6.014V.867	127
MGU4.000.60	149	MGU4.702.27	136	MGU6.004.572	124	MGU6.006.867	125	MGU6.014V.871	127
MGU4.000.62	149	MGU4.702.28	136	MGU6.004.573	124	MGU6.006.869	125	MGU6.014V.874	127
MGU4.000.64	149	MGU4.702.29	136	MGU6.004.574	124	MGU6.006.870	125	MGU6.014V.877	127
MGU4.002.18	148	MGU4.702.35	136	MGU6.004.576	124	MGU6.006.871	125	MGU6.016V.18	127
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MGU4.010.18	148	MGU4.704.36	136	MGU6.004.866	124	MGU6.006V.25	126	MGU6.016V.871	127
MGU4.010.25	148	MGU4.704.37	136	MGU6.004.867	124	MGU6.006V.30	77	MGU6.016V.874	127
MGU4.101.13	142	MGU4.706.26	136	MGU6.004.869	124	MGU6.006V.524	126	MGU6.016V.877	127
MGU4.101.18	142	MGU4.706.27	136	MGU6.004.870	124	MGU6.006V.542	126	MGU6.103.12	79
MGU4.101.24	142	MGU4.706.28	136	MGU6.004.871	124	MGU6.006V.551	126	MGU6.103.30	79
MGU4.101.25	142	MGU4.706.29	136	MGU6.004.872	124	MGU6.006V.563	126	MGU6.103.524	128
MGU4.101.30	142	MGU4.706.35	136	MGU6.004.873	124	MGU6.006V.565	126	MGU6.103.542	128
MGU4.101.42	142	MGU4.706.36	136	MGU6.004.874	124	MGU6.006V.566	126	MGU6.103.551	128
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MGU4.101.54	142	MGU4.708.26	136	MGU6.004.877	124	MGU6.006V.569	126	MGU6.103.563	128
MGU4.101.58	142	MGU4.708.27	136	MGU6.004V.12	76	MGU6.006V.570	126	MGU6.103.565	128
MGU4.101.59	142	MGU4.708.28	136	MGU6.004V.18	125	MGU6.006V.571	126	MGU6.103.566	128
MGU4.101.60	142	MGU4.708.29	136	MGU6.004V.25	125	MGU6.006V.572	126	MGU6.103.567	128
MGU4.101.62	142	MGU4.708.35	136	MGU6.004V.30	76	MGU6.006V.573	126	MGU6.103.569	128
MGU4.101.64	142	MGU4.708.36	136	MGU6.004V.524	125	MGU6.006V.574	126	MGU6.103.570	128
MGU4.101.67	142	MGU4.708.37	136	MGU6.004V.542	125	MGU6.006V.576	126	MGU6.103.571	128

Reference number overview

Ref	page	Ref	page	Ref	page	Ref	page	Ref	page
MGU6.103.572	128	MGU6.506.25	130	MGU9.200.12VMC	55	MGU23.063.18D	101	MGU61.002.865	130
MGU6.103.573	128	MGU6.702.55	136	MGU9.200.18BOIL	112	MGU23.063.25	101	MGU61.002.866	130
MGU6.103.574	128	MGU6.702.56	136	MGU9.200.18H	112	MGU23.063.25D	101	MGU61.002.867	130
MGU6.103.576	128	MGU6.702.57	136	MGU9.200.18L	112	MGU23.065.18	101	MGU61.002.869	130
MGU6.103.577	128	MGU6.704.55	136	MGU9.200.18V	112	MGU23.065.18D	101	MGU61.002.870	130
MGU6.103.824	128	MGU6.704.56	136	MGU9.200.18VMC	112	MGU23.065.25	101	MGU61.002.871	130
MGU6.103.842	128	MGU6.704.57	136	MGU9.200.25BOIL	112	MGU23.065.25D	101	MGU61.002.872	130
MGU6.103.851	128	MGU6.706.55	136	MGU9.200.25H	112	MGU23.067.18	101	MGU61.002.873	130
MGU6.103.854	128	MGU6.706.56	136	MGU9.200.25L	112	MGU23.067.18D	101	MGU61.002.874	130
MGU6.103.863	128	MGU6.706.57	136	MGU9.200.25V	112	MGU23.067.25	101	MGU61.002.876	130
MGU6.103.866	128	MGU6.708.55	136	MGU9.200.25VMC	112	MGU23.067.25D	101	MGU61.002.877	130
MGU6.103.867	128	MGU6.708.56	136	MGU9.200.30BOIL	55	MGU47.201.12P	81	MGU61.037.18	97
MGU6.103.869	128	MGU6.708.57	136	MGU9.200.30H	55	MGU47.201.18P	152	MGU61.037.25	97
MGU6.103.870	128	MGU7.002	61	MGU9.200.30L	55	MGU47.201.25P	152	MGU63.063.18	102
MGU6.103.871	128	MGU7.002	118	MGU9.200.30V	55	MGU47.201.30P	81	MGU63.063.25	102
MGU6.103.872	128	MGU7.002.GG	61	MGU9.200.30VMC	55	MGU47.202.12P	81	MGU63.063.524	102
MGU6.103.873	128	MGU7.002.GG	118	MGU9.410.12	47	MGU47.202.18P	152	MGU63.063.563	102
MGU6.103.874	128	MGU7.002.GL	61	MGU9.410.18	104	MGU47.202.25P	152	MGU63.063.567	102
MGU6.103.876	128	MGU7.002.GL	118	MGU9.410.25	104	MGU47.202.30P	81	MGU63.063.824	102
MGU6.103.877	128	MGU7.002.GLS	61	MGU9.410.30	47	MGU48.424.18	129	MGU63.063.842	102
MGU6.104.12	79	MGU7.002.GLS	118	MGU9.411.12	47	MGU48.424.25	129	MGU63.063.851	102
MGU6.104.30	79	MGU7.002.P	61	MGU9.411.18	104	MGU48.424.524	129	MGU63.063.854	102
MGU6.104.524	128	MGU7.002.P	118	MGU9.411.25	104	MGU48.424.567	129	MGU63.063.863	102
MGU6.104.542	128	MGU7.002.PGL	61	MGU9.411.30	47	MGU48.424.571	129	MGU63.063.865	102
MGU6.104.551	128	MGU7.002.PGL	118	MGU9.420.12	47	MGU48.424.574	129	MGU63.063.866	102
MGU6.104.563	128	MGU7.004.P	61	MGU9.420.18	104	MGU48.424.576	129	MGU63.063.867	102
MGU6.104.565	128	MGU7.004.P	118	MGU9.420.25	104	MGU48.424.824	129	MGU63.063.869	102
MGU6.104.566	128	MGU7.012	61	MGU9.420.30	47	MGU48.424.842	129	MGU63.063.870	102
MGU6.104.567	128	MGU7.012	118	MGU9.421.12	47	MGU48.424.851	129	MGU63.063.871	102
MGU6.104.569	128	MGU7.012.GLS	61	MGU9.421.18	104	MGU48.424.854	129	MGU63.063.872	102
MGU6.104.571	128	MGU7.012.GLS	118	MGU9.421.25	104	MGU48.424.863	129	MGU63.063.874	102
MGU6.104.572	128	MGU7.103	61	MGU9.421.30	47	MGU48.424.865	129	MGU63.063.876	102
MGU6.104.573	128	MGU7.103	118	MGU9.438.18	105	MGU48.424.866	129	MGU63.065.18	102
MGU6.104.574	128	MGU7.103.P	61	MGU9.438.25	105	MGU48.424.867	129	MGU63.065.18D	102
MGU6.104.576	128	MGU7.103.P	118	MGU9.438.30	48	MGU48.424.869	129	MGU63.065.25	102
MGU6.104.577	128	MGU7.104	61	MGU9.439.18	105	MGU48.424.871	129	MGU63.065.25D	102
MGU6.104.824	128	MGU7.104	118	MGU9.440.12	50	MGU48.424.872	129	MGU63.065.524	102
MGU6.104.842	128	MGU7.104.P	61	MGU9.440.18	107	MGU48.424.873	129	MGU63.065.524D	102
MGU6.104.851	128	MGU7.104.P	118	MGU9.440.25	107	MGU48.424.874	129	MGU63.065.542D	102
MGU6.104.854	128	MGU7.106	118	MGU9.440.30	50	MGU48.424.877	129	MGU63.065.551	102
MGU6.104.863	128	MGU7.892	61	MGU9.441.12	50	MGU48.426.18	129	MGU63.065.551D	102
MGU6.104.865	128	MGU7.892	118	MGU9.441.18	107	MGU48.426.25	129	MGU63.065.554	102
MGU6.104.866	128	MGU7.892.A	61	MGU9.441.25	107	MGU48.426.524	129	MGU63.065.554D	102
MGU6.104.867	128	MGU7.892.A	118	MGU9.441.30	50	MGU48.426.567	129	MGU63.065.563D	102
MGU6.104.869	128	MGU8.002.18	119	MGU9.460.12	47	MGU48.426.574	129	MGU63.065.565	102
MGU6.104.871	128	MGU8.006.18	119	MGU9.460.18	104	MGU48.426.824	129	MGU63.065.565D	102
MGU6.104.872	128	MGU8.004.18	119	MGU9.460.25	104	MGU48.426.851	129	MGU63.065.566D	102
MGU6.104.873	128	MGU8.004.25	119	MGU9.460.30	47	MGU48.426.865	129	MGU63.065.567	102
MGU6.104.874	128	MGU8.006.18	119	MGU9.461.12	47	MGU48.426.867	129	MGU63.065.567D	102
MGU6.104.876	128	MGU8.006.25	119	MGU9.461.18	104	MGU48.426.871	129	MGU63.065.569	102
MGU6.104.877	128	MGU8.103.18	119	MGU9.461.25	104	MGU48.426.872	129	MGU63.065.569D	102
MGU6.106.12	79	MGU8.103.25	119	MGU9.461.30	47	MGU48.426.874	129	MGU63.065.571	102
MGU6.106.30	79	MGU8.104.18	119	MGU9.864.12	55	MGU48.426.877	129	MGU63.065.571D	102
MGU6.106.524	128	MGU8.104.25	119	MGU9.864.18	112	MGU49.424.010	80	MGU63.065.572	102
MGU6.106.542	128	MGU8.601	61	MGU9.864.25	112	MGU49.424.038	80	MGU63.065.572D	102
MGU6.106.551	128	MGU8.601	119	MGU9.864.30	55	MGU49.424.039	80	MGU63.065.574	102
MGU6.106.554	128	MGU8.603	61	MGU9.865.12	55	MGU49.424.210	80	MGU63.065.574D	102
MGU6.106.563	128	MGU8.603	119	MGU9.865.18	112	MGU49.424.238	80	MGU63.065.576D	102
MGU6.106.565	128	MGU8.604	61	MGU9.865.25	112	MGU49.424.239	80	MGU63.065.577	102
MGU6.106.566	128	MGU8.604	119	MGU9.865.30	55	MGU49.424.504	129	MGU63.065.577D	102
MGU6.106.567	128	MGU8.624	61	MGU9.866.12	55	MGU49.424.510	129	MGU63.065.824	102
MGU6.106.569	128	MGU8.624	119	MGU9.866.18	112	MGU49.424.804	129	MGU63.065.824D	102
MGU6.106.571	128	MGU8.626	61	MGU9.866.25	112	MGU49.424.810	129	MGU63.065.842D	102
MGU6.106.572	128	MGU8.626	119	MGU9.866.30	55	MGU49.426.010	80	MGU63.065.851	102
MGU6.106.574	128	MGU9.100.12BOIL	55	MGU9.868.18	112	MGU49.426.038	80	MGU63.065.851D	102
MGU6.106.576	128	MGU9.100.12H	55	MGU9.868.25	112	MGU49.426.039	80	MGU63.065.854	102
MGU6.106.824	128	MGU9.100.12L	55	MGU9.868.30	55	MGU49.426.210	80	MGU63.065.854D	102
MGU6.106.842	128	MGU9.100.12VMC	55	MGU11.103.18	130	MGU49.426.238	80	MGU63.065.863	102
MGU6.106.851	128	MGU9.100.18BOIL	112	MGU11.103.25	130	MGU49.426.239	80	MGU63.065.863D	102
MGU6.106.854	128	MGU9.100.18H	112	MGU11.104.18	130	MGU49.426.504	129	MGU63.065.865	102
MGU6.106.863	128	MGU9.100.18L	112	MGU11.104.25	130	MGU49.426.510	129	MGU63.065.865D	102
MGU6.106.865	128	MGU9.100.18VMC	112	MGU22.302.18	119	MGU49.426.804	129	MGU63.065.866	102
MGU6.106.866	128	MGU9.100.25BOIL	112	MGU22.302.18	148	MGU49.426.810	129	MGU63.065.866D	102
MGU6.106.867	128	MGU9.100.25H	112	MGU22.302.18	153	MGU61.002.18	130	MGU63.065.867	102
MGU6.106.869	128	MGU9.100.25L	112	MGU22.302.25	119	MGU61.002.18G	130	MGU63.065.867D	102
MGU6.106.870	128	MGU9.100.25VMC	112	MGU22.302.25	148	MGU61.002.25	130	MGU63.065.869	102
MGU6.106.871	128	MGU9.100.30BOIL	55	MGU22.302.25	153	MGU61.002.25G	130	MGU63.065.869D	102
MGU6.106.872	128	MGU9.100.30H	55	MGU22.304.18	119	MGU61.002.804	130	MGU63.065.870	102
MGU6.106.874	128	MGU9.100.30L	55	MGU22.304.18	148	MGU61.002.810	130	MGU63.065.870D	102
MGU6.106.876	128	MGU9.100.30VMC	55	MGU22.304.18	153	MGU61.002.824	130	MGU63.065.871D	102
MGU6.106.877	128	MGU9.200.12BOIL	55	MGU22.304.25	119	MGU61.002.842	130	MGU63.065.871D	102
MGU6.502.18	130	MGU9.200.12H	55	MGU22.304.25	148	MGU61.002.851	130	MGU63.065.872	102
MGU6.502.25	130	MGU9.200.12L	55	MGU22.304.25	153	MGU61.002.854	130	MGU63.065.872D	102
MGU6.504.18	130	MGU9.200.12V	55	MGU23.063.18	101	MGU61.002.863	130	MGU63.065.873D	102

Reference number overview

Ref	page	Ref	page	Ref	page	Ref	page	Ref	page
MGU63.065.874	102	MGU66.002.510	124	MGU66.006.294	77	MGU66.014V.292	78	MGU66.106.095	79
MGU63.065.874D	102	MGU66.002.804	124	MGU66.006.295	77	MGU66.014V.296	78	MGU66.106.096	79
MGU63.065.876	102	MGU66.002.810	124	MGU66.006.296	77	MGU66.014V.297	78	MGU66.106.097	79
MGU63.065.876D	102	MGU66.004.0M2	76	MGU66.006.297	77	MGU66.016V.0M2	78	MGU66.106.098	79
MGU63.065.877	102	MGU66.004.0M3	76	MGU66.006.298	77	MGU66.016V.2M3	78	MGU66.106.210	79
MGU63.065.877D	102	MGU66.004.0M4	76	MGU66.006.504	125	MGU66.016V.2M4	78	MGU66.106.238	79
MGU63.067.18	103	MGU66.004.2M2	76	MGU66.006.510	125	MGU66.016V.010	78	MGU66.106.239	79
MGU63.067.18D	103	MGU66.004.2M3	76	MGU66.006.804	125	MGU66.016V.038	78	MGU66.106.292	79
MGU63.067.25	103	MGU66.004.2M4	76	MGU66.006.810	125	MGU66.016V.039	78	MGU66.106.293	79
MGU63.067.25D	103	MGU66.004.010	76	MGU66.006V.0M2	77	MGU66.016V.092	78	MGU66.106.294	79
MGU63.067.524	103	MGU66.004.038	76	MGU66.006V.0M3	77	MGU66.016V.096	78	MGU66.106.295	79
MGU63.067.524D	103	MGU66.004.039	76	MGU66.006V.0M4	77	MGU66.016V.097	78	MGU66.106.296	79
MGU63.067.551	103	MGU66.004.092	76	MGU66.006V.2M2	77	MGU66.016V.210	78	MGU66.106.297	79
MGU63.067.554	103	MGU66.004.093	76	MGU66.006V.2M3	77	MGU66.016V.238	78	MGU66.106.298	79
MGU63.067.567	103	MGU66.004.094	76	MGU66.006V.2M4	77	MGU66.016V.239	78	MGU68.002.7A1	70
MGU63.067.571	103	MGU66.004.095	76	MGU66.006V.010	77	MGU66.016V.292	78	MGU68.002.7A2	70
MGU63.067.572	103	MGU66.004.096	76	MGU66.006V.038	77	MGU66.016V.296	78	MGU68.002.7A3	70
MGU63.067.576	103	MGU66.004.097	76	MGU66.006V.039	77	MGU66.016V.297	78	MGU68.002.7C1	70
MGU63.067.576D	103	MGU66.004.098	76	MGU66.006V.092	77	MGU66.103.0M2	79	MGU68.002.7C2	70
MGU63.067.824D	103	MGU66.004.210	76	MGU66.006V.093	77	MGU66.103.0M3	79	MGU68.002.7C3	70
MGU63.067.842	103	MGU66.004.238	76	MGU66.006V.094	77	MGU66.103.0M4	79	MGU68.002.7P1	70
MGU63.067.851	103	MGU66.004.239	76	MGU66.006V.095	77	MGU66.103.2M2	79	MGU68.002.7P2	70
MGU63.067.854	103	MGU66.004.292	76	MGU66.006V.096	77	MGU66.103.2M3	79	MGU68.002.7Z1	70
MGU63.067.863	103	MGU66.004.293	76	MGU66.006V.097	77	MGU66.103.2M4	79	MGU68.004.7A1	70
MGU63.067.865D	103	MGU66.004.294	76	MGU66.006V.098	77	MGU66.103.010	79	MGU68.004.7A2	70
MGU63.067.866	103	MGU66.004.295	76	MGU66.006V.210	77	MGU66.103.038	79	MGU68.004.7A3	70
MGU63.067.867	103	MGU66.004.296	76	MGU66.006V.238	77	MGU66.103.039	79	MGU68.004.7C1	70
MGU63.067.867D	103	MGU66.004.297	76	MGU66.006V.239	77	MGU66.103.092	79	MGU68.004.7C2	70
MGU63.067.869	103	MGU66.004.298	76	MGU66.006V.292	77	MGU66.103.093	79	MGU68.004.7C3	70
MGU63.067.870	103	MGU66.004.504	124	MGU66.006V.293	77	MGU66.103.094	79	MGU68.004.7P1	70
MGU63.067.870D	103	MGU66.004.510	124	MGU66.006V.294	77	MGU66.103.095	79	MGU68.004.7P2	70
MGU63.067.871	103	MGU66.004.804	124	MGU66.006V.295	77	MGU66.103.096	79	MGU68.004.7Z1	70
MGU63.067.872	103	MGU66.004.810	124	MGU66.006V.296	77	MGU66.103.097	79	MGU68.006.7A1	70
MGU63.067.872D	103	MGU66.004V.0M2	76	MGU66.006V.297	77	MGU66.103.098	79	MGU68.006.7A2	70
MGU63.067.877	103	MGU66.004V.0M3	76	MGU66.006V.298	77	MGU66.103.204	79	MGU68.006.7A3	70
MGU63.069.18	103	MGU66.004V.0M4	76	MGU66.006V.504	126	MGU66.103.210	79	MGU68.006.7C1	70
MGU63.069.25	103	MGU66.004V.2M2	76	MGU66.006V.510	126	MGU66.103.238	79	MGU68.006.7C2	70
MGU63.069.524	103	MGU66.004V.2M3	76	MGU66.006V.804	126	MGU66.103.239	79	MGU68.006.7C3	70
MGU63.069.551	103	MGU66.004V.2M4	76	MGU66.006V.810	126	MGU66.103.292	79	MGU68.006.7P1	70
MGU63.069.557	103	MGU66.004V.010	76	MGU66.008.0M2	77	MGU66.103.293	79	MGU68.006.7P2	70
MGU63.069.574	103	MGU66.004V.038	76	MGU66.008.0M3	77	MGU66.103.294	79	MGU68.006.7Z1	70
MGU63.069.824	103	MGU66.004V.039	76	MGU66.008.0M4	77	MGU66.103.295	79	MGU68.008.7A1	70
MGU63.069.842	103	MGU66.004V.092	76	MGU66.008.2M2	77	MGU66.103.296	79	MGU68.008.7A2	70
MGU63.069.851	103	MGU66.004V.093	76	MGU66.008.2M3	77	MGU66.103.297	79	MGU68.008.7A3	70
MGU63.069.854	103	MGU66.004V.094	76	MGU66.008.2M4	77	MGU66.103.298	79	MGU68.008.7C1	70
MGU63.069.863	103	MGU66.004V.095	76	MGU66.008.010	77	MGU66.103.804	128	MGU68.008.7C2	70
MGU63.069.865	103	MGU66.004V.096	76	MGU66.008.038	77	MGU66.103.810	128	MGU68.008.7C3	70
MGU63.069.866	103	MGU66.004V.097	76	MGU66.008.039	77	MGU66.104.0M2	79	MGU68.008.7P1	70
MGU63.069.867	103	MGU66.004V.098	76	MGU66.008.092	77	MGU66.104.0M3	79	MGU68.008.7P2	70
MGU63.069.869	103	MGU66.004V.210	76	MGU66.008.093	77	MGU66.104.0M4	79	MGU68.008.7Z1	70
MGU63.069.870	103	MGU66.004V.238	76	MGU66.008.094	77	MGU66.104.2M2	79	MGU70.566.12	53
MGU63.069.871	103	MGU66.004V.239	76	MGU66.008.095	77	MGU66.104.2M3	79	MGU70.566.18	110
MGU63.069.872	103	MGU66.004V.292	76	MGU66.008.096	77	MGU66.104.2M4	79	MGU70.566.25	110
MGU63.069.873	103	MGU66.004V.293	76	MGU66.008.097	77	MGU66.104.010	79	MGU70.566.30	53
MGU63.069.874	103	MGU66.004V.294	76	MGU66.008.098	77	MGU66.104.038	79	MGU70.567.12	53
MGU63.069.876	103	MGU66.004V.295	76	MGU66.008.210	77	MGU66.104.039	79	MGU70.567.18	110
MGU63.069.877	103	MGU66.004V.296	76	MGU66.008.238	77	MGU66.104.092	79	MGU70.567.25	110
MGU66.002.0M2	76	MGU66.004V.297	76	MGU66.008.239	77	MGU66.104.093	79	MGU70.567.30	53
MGU66.002.0M3	76	MGU66.004V.298	76	MGU66.008.292	77	MGU66.104.095	79	MGU70.598	53
MGU66.002.0M4	76	MGU66.004V.504	125	MGU66.008.293	77	MGU66.104.096	79	MGU70.598	110
MGU66.002.2M2	76	MGU66.004V.510	125	MGU66.008.294	77	MGU66.104.097	79	MGU84.071.18	113
MGU66.002.2M3	76	MGU66.004V.804	125	MGU66.008.295	77	MGU66.104.098	79	MGU84.071.25	113
MGU66.002.2M4	76	MGU66.004V.810	125	MGU66.008.296	77	MGU66.104.210	79	MGU86.071.12	56
MGU66.002.010	76	MGU66.006.0M2	77	MGU66.008.297	77	MGU66.104.238	79	MGU86.071.18	113
MGU66.002.038	76	MGU66.006.0M3	77	MGU66.008.298	77	MGU66.104.239	79	MGU86.071.25	113
MGU66.002.039	76	MGU66.006.0M4	77	MGU66.008.504	126	MGU66.104.292	79	MGU86.071.30	56
MGU66.002.092	76	MGU66.006.2M2	77	MGU66.008.510	126	MGU66.104.293	79	MGU87.022.18	119
MGU66.002.093	76	MGU66.006.2M3	77	MGU66.008.804	126	MGU66.104.294	79	MGU87.022.25	119
MGU66.002.094	76	MGU66.006.2M4	77	MGU66.008.810	126	MGU66.104.295	79	MGU87.022.58	61
MGU66.002.095	76	MGU66.006.010	77	MGU66.014V.0M2	78	MGU66.104.296	79	MGU87.022.62	61
MGU66.002.096	76	MGU66.006.038	77	MGU66.014V.0M3	78	MGU66.104.297	79	MGU87.024.18	119
MGU66.002.097	76	MGU66.006.039	77	MGU66.014V.0M4	78	MGU66.104.298	79	MGU87.024.25	119
MGU66.002.098	76	MGU66.006.092	77	MGU66.014V.2M2	78	MGU66.106.0M2	79	MGU87.024.58	61
MGU66.002.099	76	MGU66.006.093	77	MGU66.014V.2M3	78	MGU66.106.0M3	79	MGU87.024.62	61
MGU66.002.210	76	MGU66.006.094	77	MGU66.014V.2M4	78	MGU66.106.0M4	79	MGU87.026.18	119
MGU66.002.238	76	MGU66.006.095	77	MGU66.014V.010	78	MGU66.106.2M2	79	MGU87.026.25	119
MGU66.002.239	76	MGU66.006.096	77	MGU66.014V.038	78	MGU66.106.2M3	79	MGU87.026.58	61
MGU66.002.292	76	MGU66.006.097	77	MGU66.014V.039	78	MGU66.106.2M4	79	MGU87.026.62	61
MGU66.002.293	76	MGU66.006.098	77	MGU66.014V.092	78	MGU66.106.010	79	MGU88.071.12	56
MGU66.002.294	76	MGU66.006.210	77	MGU66.014V.096	78	MGU66.106.038	79	MGU88.071.30	56
MGU66.002.295	76	MGU66.006.238	77	MGU66.014V.097	78	MGU66.106.039	79	MTN570222	59
MGU66.002.296	76	MGU66.006.239	77	MGU66.014V.210	78	MGU66.106.092	79	MTN570222	116
MGU66.002.297	76	MGU66.006.292	77	MGU66.014V.238	78	MGU66.106.093	79		
MGU66.002.298	76	MGU66.006.293	77	MGU66.014V.239	78	MGU66.106.094	79		

Life Is On



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RCS Nanterre 954 503 439
Capital social 896 313 776 €
www.schneider-electric.com

Janvier, 2017
Unica catalogue

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ISC01064EN

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