

# Odace 2015 Catalogue



**Schneider**  
Electric



P100000683



P141889

# ODACE STYL

## NATURAL FEEL

Urban dwellers who love nature and the great outdoors will get a charge out of this wood-toned colour palette and materials particularly crafted from sustainable resources. The invigorating, refreshing colours have the same effect on your customers' mood as a long walk outdoors.



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P123824

# ODACE STYL

PRATIC'

## PRACTICAL DESIGN

Simplifying everyday life with the practical and modern design: this is the Odace Styl range! Adapted to suit the way of living each day, these switches offer convincingly efficient features while seamlessly blending with every interior.



P10000003846

P180854

# ODACE TOUCH

## MODERN MATERIALS

Sourcing elegant materials such as wood, minerals or metals, Odace Touch switches perfectly complement to modern interior. The airy pastel colours within this range can lend a retro touch to a home.



P1000000382

# ODACE YOU

## INFINITE PERSONALIZATION

At the heart of a home... is you! Dare to mix and match colours and combinations to make interior truly unique. Bright yellow, electric blue, vibrant patterns... Anything goes when it comes to expressing the individual passion of each dweller as well as generating a good mood at home.



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# ODACE STYL PRATIC'



The **Odace Styl** Pratic' range, equipped with unique accessories, redefines the very notion of comfort at home. Charging the phone, attaching shopping lists... it's all about making your customers' life at home easier every day.

# Odace Touch

## Designed with feeling

Odace Touch comes in a selection of natural wood and textured metal finishes for an elegant, soothing sensory experience. The subtle juxtaposition of different surface treatments and materials creates a bold new look that your customers will want to reach out and touch.



P122571

White



P122665

Translucide white



P122575

Metal brushed aluminium\*



P122576

Metal brushed bronze\*



P122577

Metal martele aluminium\*



P122589

Wood natural\*



P122742

Stone galaxy black



P122570

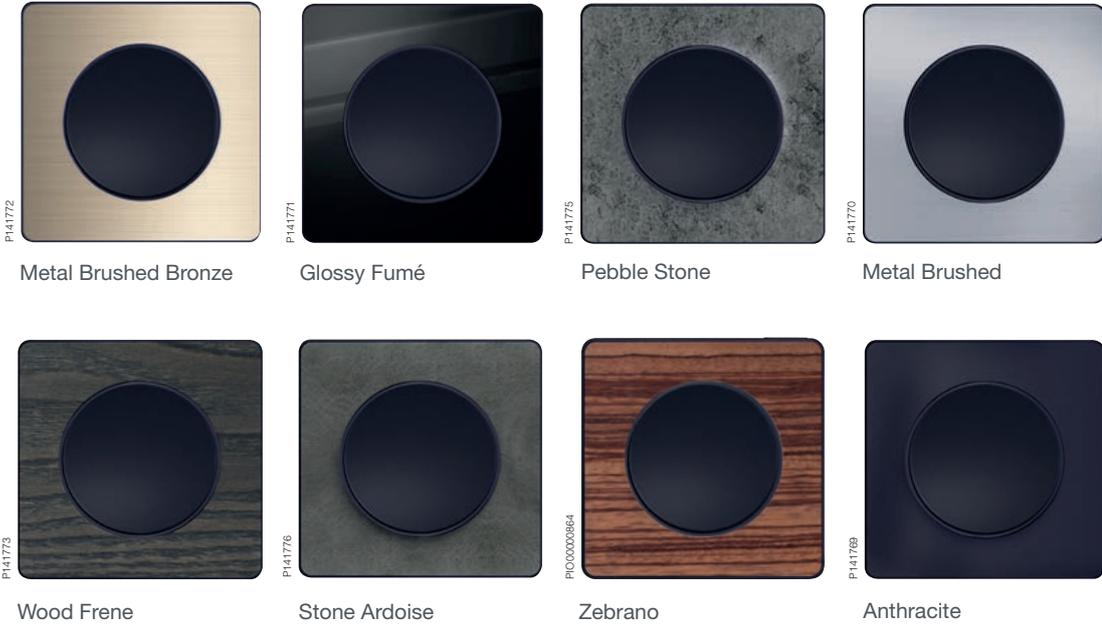
Wood nordic\*



Wood from sustainably managed forests

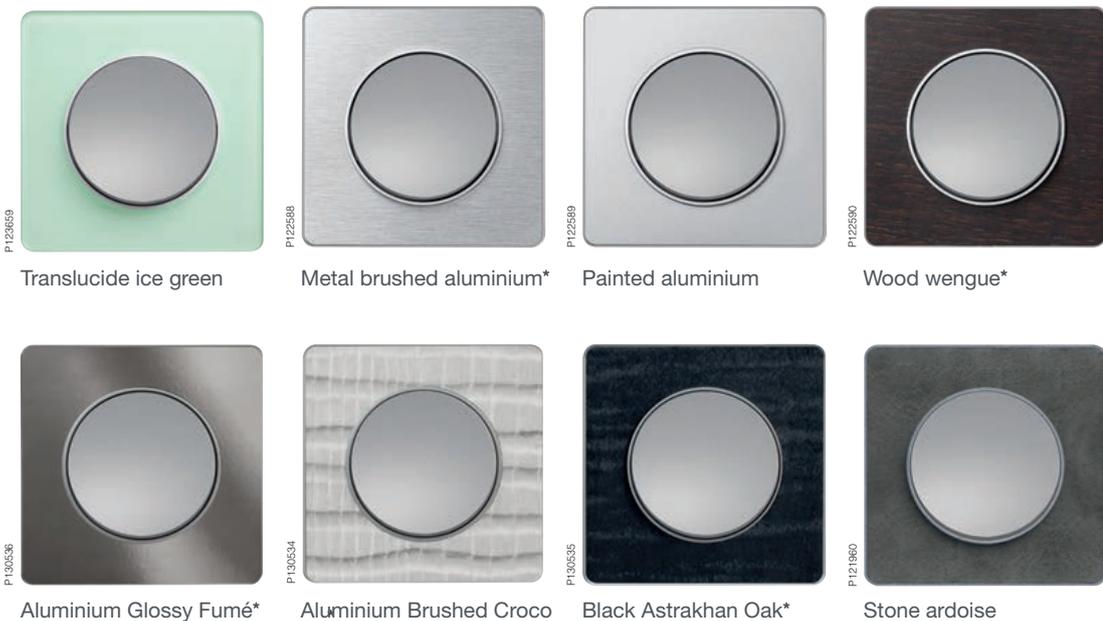
## + Anthracite finishes

A deep, intense colouring will bring a cutting-edge touch to your interior decoration.

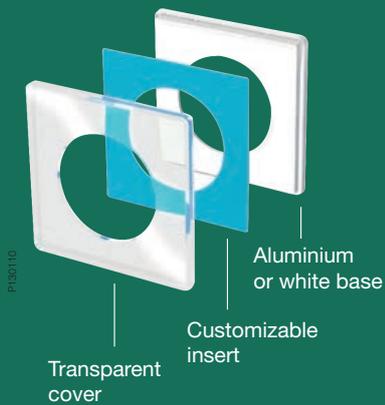


## + Aluminium finishes

There's nothing like metal to add a touch of contemporary sophistication to any interior. Offer your customers an affordable range of exciting new materials.



# Odace You

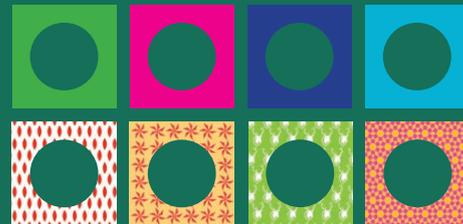


## Bringing ideas to light

Personalize your interior just as you wish. Thanks to its removable transparent cover, **Odace You** gives your customers the opportunity to change the look of their switch according to taste and mood.

## Accessoires

**Odace You** switches can be delivered with uni-coloured or patterned inserts to help making first choice.



## Unlimited Personalization

Let your customers live their passion to the fullest, down to the finest detail, by using the same patterns from elsewhere in their home to create unique switches.

Discover the full **Odace You** range at [schneider-electric.com](https://www.schneider-electric.com)





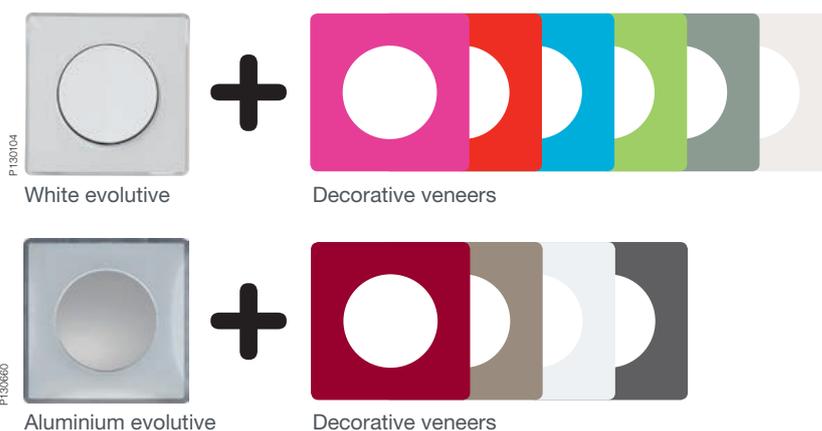
# Odace You Evolutive

## Add a personal touch to your customers' décor

### Play with colour

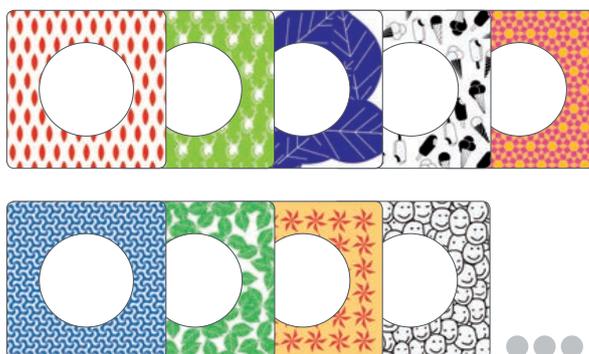
Odace makes it easy to play with colour. Simply choose a decorative veneer from our two colour palettes – contemporary and chic – for instant harmony with your customer's home décor.

You Evolutive wiring devices are available from your distributor with or without texture sheet.



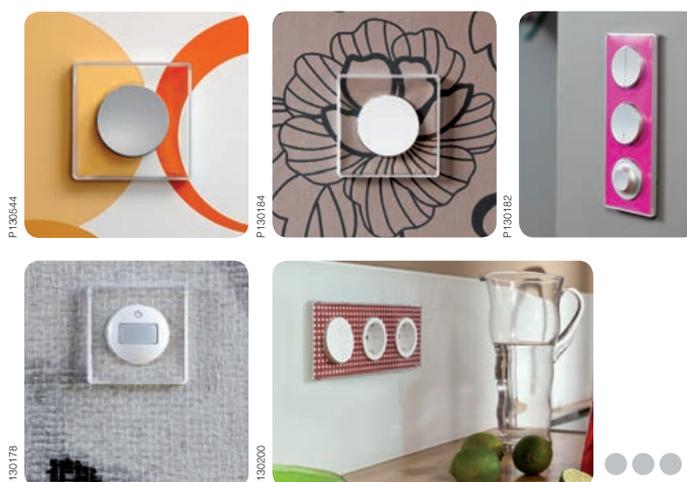
### Add interest with graphics

Now your customers can choose from among hundreds of graphic patterns and motifs from some of today's trendiest designers. And it is all just a few clicks away. The downloadable designs range from vintage to modern – there's something for everybody, and every interior. The hardest part will be deciding which one to choose!



### Or go totally custom

You are free to recommend Odace You to your customers – and they are free to customize their switches and outlets with their own wallpaper, photos, and original creations. Don't hesitate to offer tips and suggestions, your customers will love you for it!





PI129209

Do your customers prefer paint or wallpaper?  
Contemporary or seventies style?

Help your customers choose an Odace finish  
to personalize their home décor in a click!

Log on to <http://mixandmatch.schneider-electric.com> and:

- Experiment with the many finishes and personalization options in the Odace range so you can choose with confidence!
- Upload your customer's wallpaper to see your selection in lifelike detail.
- Choose from the multitude of designer graphics to download and print.
- Print out the template for your customer's personal creations.
- Watch the demo video and learn to personalize Odace products like a pro!



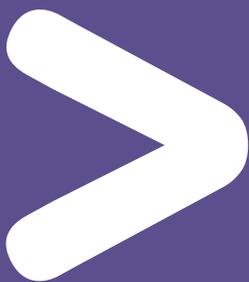
PI000000878  
PI000000879



PI000000876

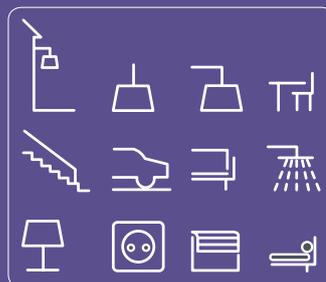
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PI000000877



Did you say practical?

The Odace range includes icons you can install in a snap to help your customers quickly and easily identify the function of each light switch – kitchen, dining room, stairway...it's all there!



PI130164

> Contact your distributor to get your icon set.

# Light up your life with Odace!

Odace lighting controls make it easy to set the mood you want. The Odace range includes everything you need to satisfy your customers' needs.

up to  
**10%**  
energy saving

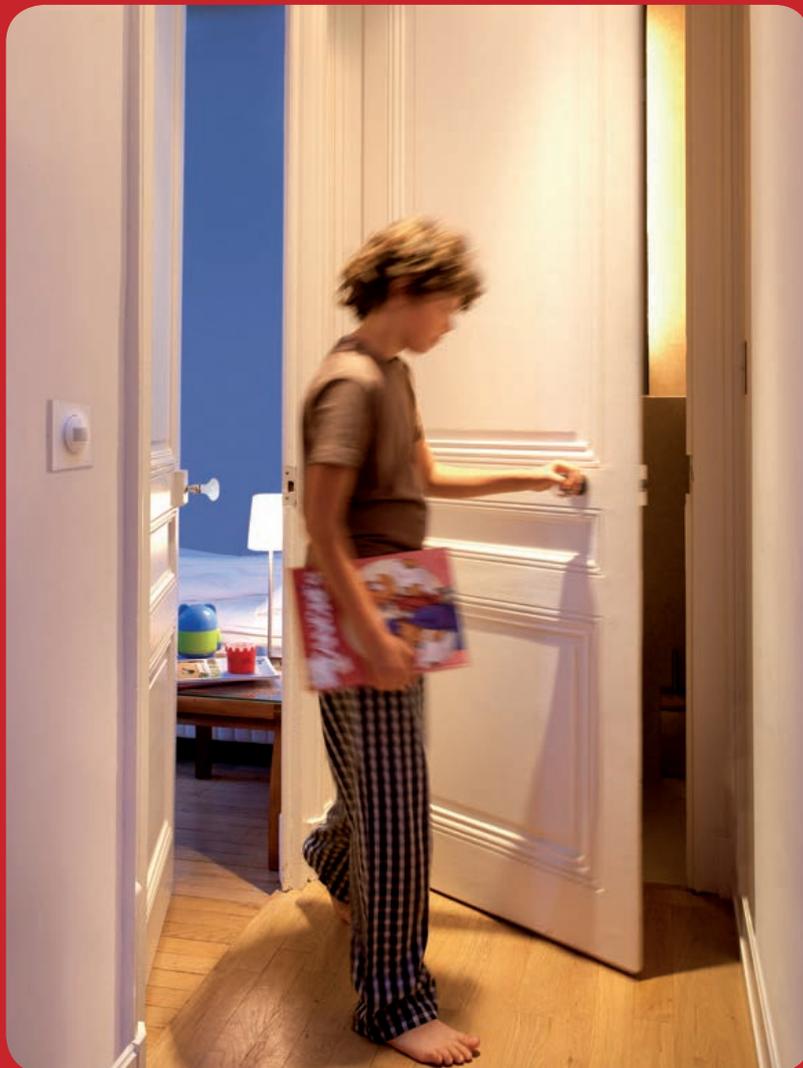


P123875

### Time delay switch

Keeps lights from staying on needlessly in high-traffic areas, hallway, garage...

P123723



up to  
**20%**  
energy saving



P123612

### Presence detector

Save energy and improve night-time safety.

up to  
**20%**  
energy saving



P123813

### Dimmer switch

The mood you want at your fingertips.

P123615



### Illuminated light switch

# Odace helps your customers save energy

From roller shutter controls to thermostats and motion sensors, the Odace range includes smart features for greater comfort and energy savings—something your customers are sure to appreciate.

up to  
**5%**  
energy saving



P123619

**Mechanical room thermostat**  
Precision temperature control for optimal comfort.



P123657



P123616

**Roller blinds**  
Let in as much or as little light as you want and save on heating bills. Choose from three models designed to work with all shutter motors.

up to  
**15%**  
energy saving



P123684

**Electronic room thermostat**  
Set the exact temperature you want and stay on top of energy consumption. Also available with a sensor for under-floor heating.



P133117

**Touch display thermostat**  
Regulate room and/or floor temperature using a touch display.

**Energy Efficiency**

Save up to  
**25%**  
on your  
energy bill

By combining multiple energy-saving electrical fittings, you can help your customers reduce their heating and lighting use and save up to 25% on their energy bills. A room thermostat can be used to control radiators or under-floor heating with increased precision; for example, lowering the temperature by just one degree can cut a heating system's electrical consumption by 5%.

# Stay connected with Odace



P133727

P133115

Help your customers stay connected to their TVs, game consoles, computers, and sound systems with Odace. Choose from a full range of multimedia connectors to meet all of your customers' needs. It's as simple as plug and play!



### USB socket

For any type of device USB port, specially Smartphones.



P133064

### Radio FM with loudspeaker

Feel the difference enjoying your radio FM programs at any space of your house.

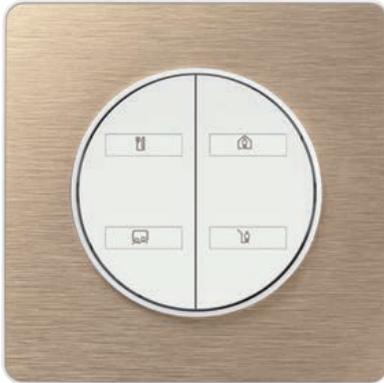


P133621

### RJ45 data socket

For telephone, TV, computer and modem connections.

# Go wireless with Odace



P1123627

## RF Central switch

Control all shutters and lighting in your house with a single switch.



P1123623

## RF roller blinds

Your customers can close their shutters from the comfort of their bed—no need to come out from under the covers!

The Odace range of wireless switches and controls is designed to make comfort simple and safety effortless. Leaving the house? Turn off the lights and close the shutters at the touch of a button. Or make life even easier with pre-set lighting scenarios for different times of day. With Odace, it's up to you! Odace wireless switches and controls offer the added benefit of hassle-free upgrades. Your customers can add light switches on either side of their bed without costly, messy wiring and repainting. Odace wireless solutions are easy to install anywhere your customers want.

## Remote control

Control your interior settings and create pre-set lighting and shutter scenarios.



P1123629



P1123634

# Convenience at your fingertips with Odace PlusLink

Imagine giving your customers all the convenience and energy efficiency a modern lighting management system can offer. Now you can. Adding an extra wire to your installation is all it takes. Simple to install and easy to use, Odace PlusLink control places lighting and blind control in your customers' hands. What could be more simple?

## > Helping you keep pace with the latest market trends

Today people are spending more and more time at home. Homeowners are constantly on the lookout for simple, effective ways to increase comfort, safety, and energy efficiency. Completely new on the market, Odace PlusLink enables you to this growing need. When you offer the attractive Odace PlusLink lineup to your customers, you also stand out from your competitors.

## > The simplicity of all-in-one lighting and blind control

Installing the Odace PlusLink system requires no more effort than a conventional installation. The new inserts are connected by an additional wire via PlusLink input and output connectors to create a single, intelligent control center. You can install one control center for the entire house or set up separate control centers for up to four zones throughout the home. You or your customers can then program personalized lighting and blind scenarios for different times of day.

Odace PlusLink is simple and intuitive, and requires no special software or training to install.



P128702



P128363

### Universal dimmer

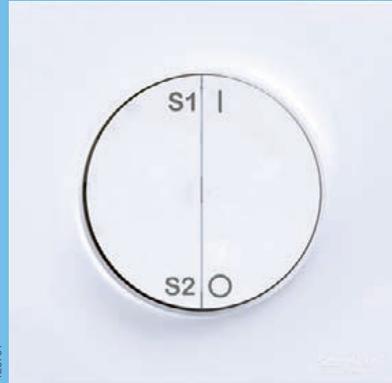
It's simple to create the perfect ambiance and save energy.



P128659

### Roller blind control

Open or close blinds throughout the house at the push of a button.



P126701

**Single zone control push-button**  
Group all the controls for a single zone of the house.



P126987

**Four zone control push-button**  
A single control center for four independent zones.



P126364

**Relay push-button**



P126368

**Scene dimmer**  
Control the lighting and roller blinds to create the perfect ambiance for each time of day.



P126700

**Electronic switch**  
For resistive, capacitive, and inductive loads (e.g., incandescent, energy-saving, halogen, fluorescent, and LED lamps).

# Odace: a solution for every room in the house

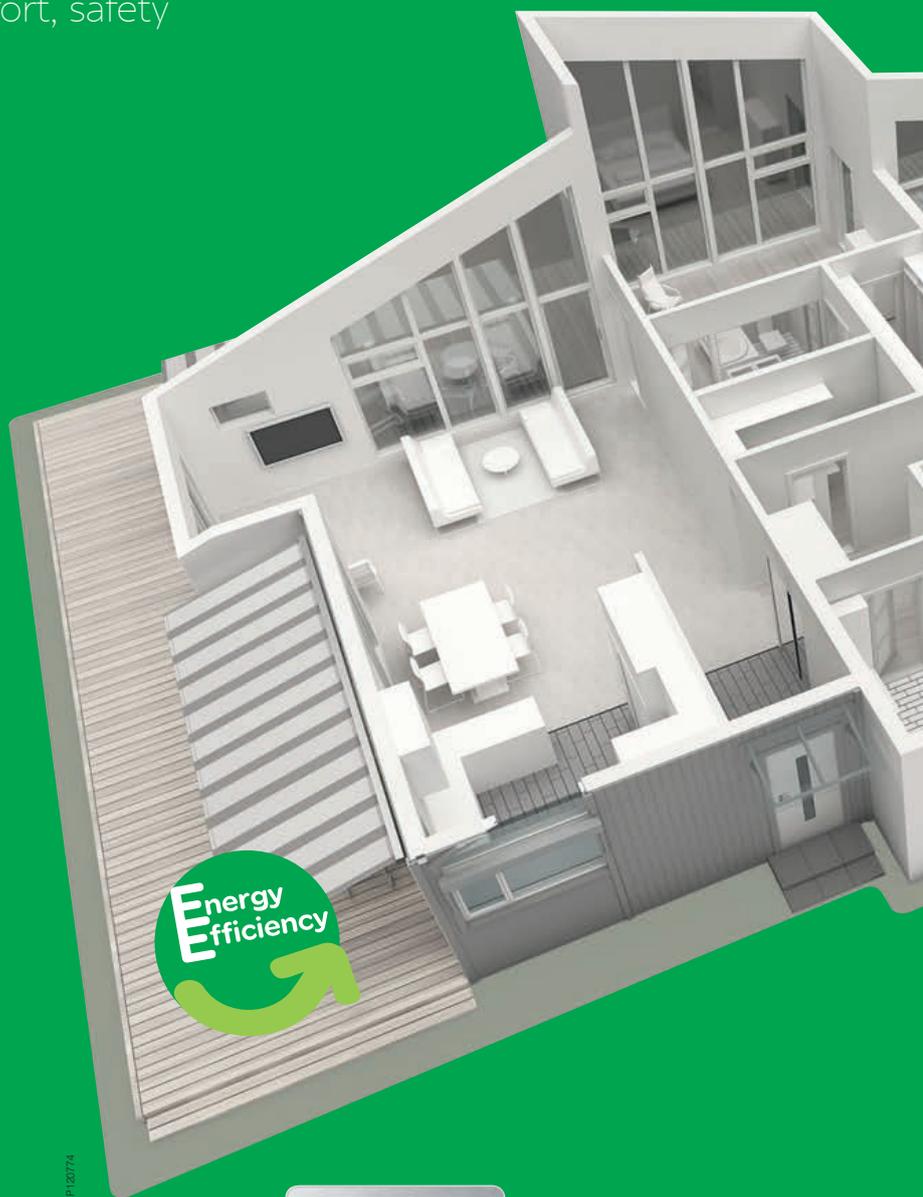
The Odace range of electrical fittings lets you equip your customers' homes with practical, ergonomic solutions for the ultimate in comfort, safety and connectivity.



P123816

## Living and dining room Pre-set scenarios for greater comfort

- Loudspeaker socket bring your sound system into every room of the house.
- RF roller blind let you open and close a single shutter (or all shutters) at the touch of a button, with or without a remote control.
- RF switch make pre-set lighting and shutter scenarios simple.
- RJ45 data sockets adapt to your telephone, TV, computer, and modem connection systems.
- Room thermostats keep your home at just the right temperature all day long.



P120774



P123812

## Laundry room Practical and easy to use

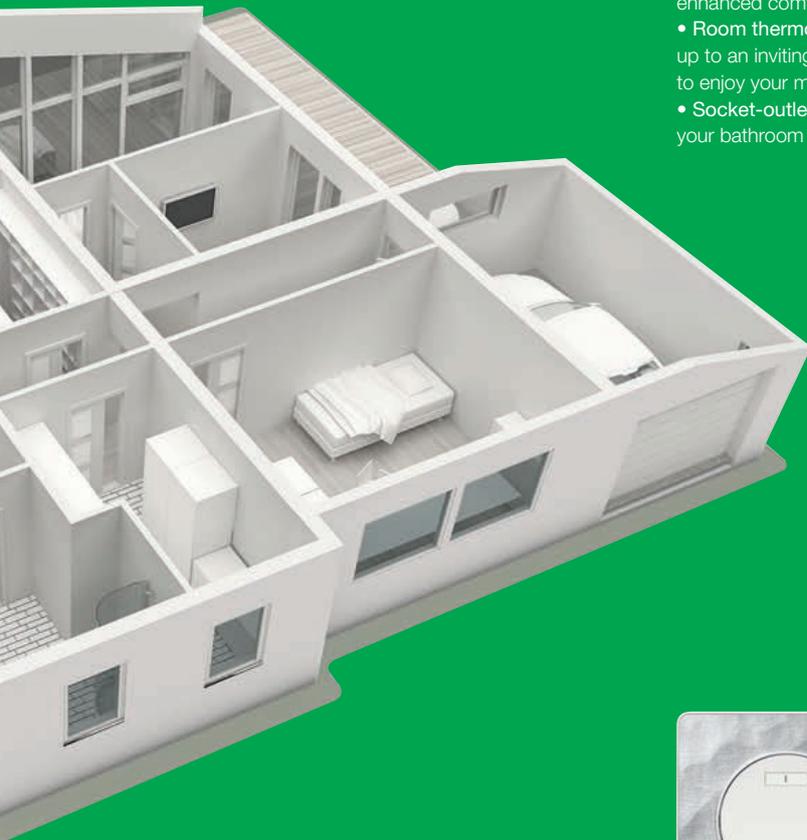
- Presence detectors turn lights on automatically—great for when your hands are full. The lights then turn off automatically when you leave the room, to save energy.



P123814

## Hallway Your path to savings

- Three-way switches let you turn lights on and off from either end of the hallway, a must in terms of convenience and energy savings.
- Time delay switches let you choose how long the lights stay on in high-traffic areas—practical and economical.



PI120179

### Bathroom Wellness all day long

- Ventilation control switch keep fresh air in and humidity out for enhanced comfort and safety.
- Room thermostats let you wake up to an invitingly warm bathroom to enjoy your morning shower.
- Socket-outlet cover perfectly into your bathroom decor.



PI120613

### Kitchen Functional practicality

- Dimmer switches let you choose the lighting intensity needed for the task at hand or the desired ambiance.
- RF switches make it easy to illuminate your workspace or dim lights for dining.
- The Styl list holder accessory keeps your shopping list close at hand.



PI120115

### Home office Multimedia connectivity

- Roller blinds keep sunlight out when you are at work and let it back in again when you're done.
- The mobile phone recharging accessory keeps your phone right where you can find it at all times.
- Loudspeaker socket let you enjoy a single sound system throughout the house with hi-fi quality.
- The RJ45 data socket keeps all your multimedia connections at your fingertips.
- USB Socket for any type of device USB port, specially Smartphones.
- Radio FM with loudspeaker feel the difference enjoying your radio FM programs at any space of your house.



PI120831

### Entrance hall Smart electricity

- Lightable switches mean no more fumbling around in the dark.
- RF central switch (a wireless push-button switch) installed near the front door opens and closes shutters and turns lights on and off.
- Switches with locator lamp let you see if you've left the outdoor or garage lights on, without having to make the rounds to check each night.
- The Styl key holder accessory keeps your keys within reach.



PI120684

### Bedroom Your room, your way

- RF central switch let you close the shutters or turn off lights from the comfort of your bed.
- Room thermostats allow you to set the perfect sleeping temperature.
- Dimmer switches make waking up easy thanks to soft, gentle light.

Now what  
about me?

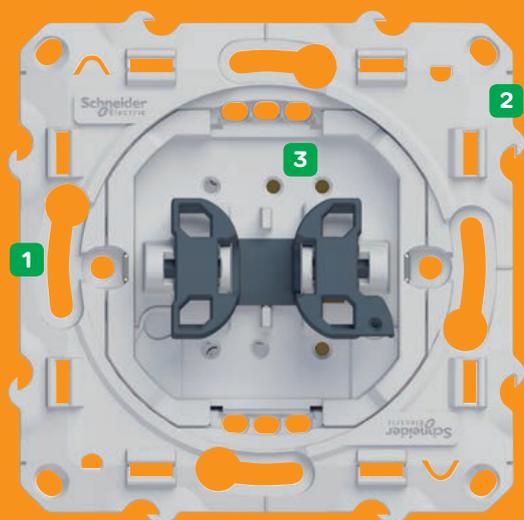


# Odace is surprisingly simple

No matter how you look at it—from the front, back, or side—the Odace range is designed to make your life simpler.

## Front

Get installation right the first time, every time



P120535

1

> The fixing frame allows for 10° rotation in both directions to compensate for misaligned installation box.

2

> Two notches on either side of the frame make it easy to align several devices.

3

> Switches and push-buttons test points on the fixing frame allow easy testing without disassembling the device.



P120522



## Safe and reliable

You can count on Schneider Electric products for their quality and high-performance materials. Every device is individually factory tested. Odace is no different!

## Simple

Odace wiring devices are designed for easy installation, making them practical for both new buildings and refurbishment projects.

## Innovative

Odace blends technology with stylish design, for wiring devices that are not only elegant, but also functional and useful.

## Green

Odace is a full range of wiring devices and accessories that can cut your customers' energy costs and make their homes more comfortable. They are designed and manufactured to be as environmentally-friendly as possible; all Odace materials and production sites comply with the strictest environmental standards. In addition, Odace wiring devices can be either fully automated or individually adjusted to create the perfect ambience—and avoid wasting energy.

# 20%

Reduce installation time by up to 20%



P120530

> Switches and push-buttons can be easily illuminated with plug-and-play LED accessories or hardwired.



P120531

> A double socket-outlet can be installed in place of a single socket-outlet.



P120516

> The fixing frame boasts a more robust design.



P120519

> Stickers indicate the socket-outlet use at a glance.



P120525

> A standard switch can easily be transformed into a push-button thanks to a simple spring mechanism and positioning aid.



P120520

# Side

Designed for seamless integration.

**1**

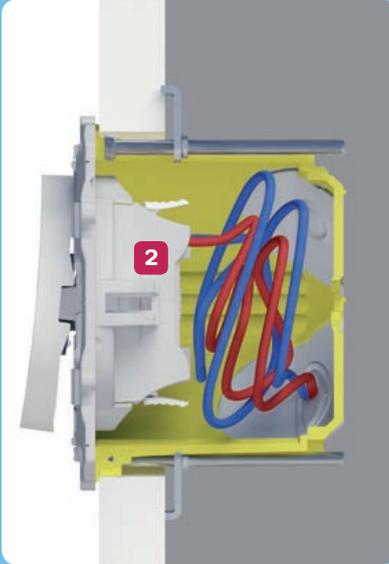
> Cover frames click in via notched pins that compensate for uneven walls, and ensure a solid hold and smooth finish.



P120518



P123857



P120527

**2**

> The low profile frees-up space in the switch/junction box for cabling.



P106208



P120517

The Multifix air box reduces air loss by 95%, improving home insulation and boosting air-conditioning and heating efficiency, for savings of around 10% on customers' energy bills.

> Locking claws ensure that fittings stay securely in place for years and years.



P120457



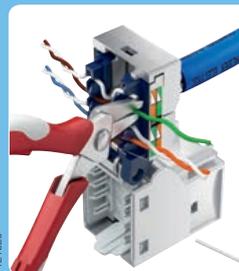
## The new RJ45 connector: cabling is now twice as fast

The innovative RJ45 connector is easy to handle and cable, with intuitive connections that save you time. The connector is available for Category 5e (unshielded) and Category 6 (shielded or unshielded) applications.



P121597

> Ready...  
Insert the cable into the central U-shaped slot.



P121580

> Set...  
360° earthing is automatically ensured once the cable is held securely in place by the smart clamp.

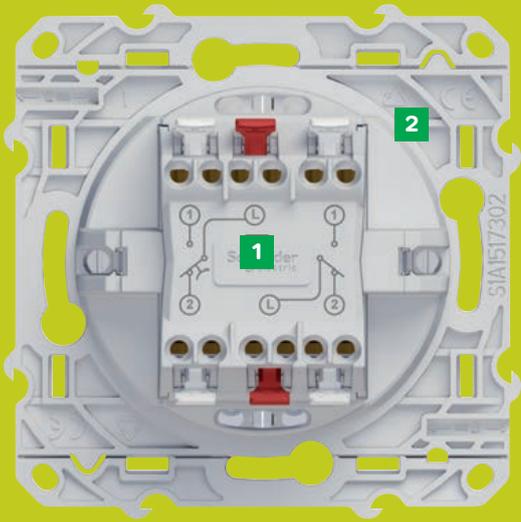


P121599

> And you're done!  
Simply close the connector. Once you hear it click into place, you know that it is properly closed and that it is ready to be used.

# Back

Ergonomic connectors for fast cabling that works every time.



P120523

**1**

> Safer: insulated connectors, reinforced plastic fixing frame, and a cabling diagram on the back of fitting.

**2**

> Meets standards and certification criteria: IP-rated for zone 3 installation.

> Compliant with RoHS, REACH, Green premium level, and PEP standards

The Odace range is designed to meet international standards, including those in the EU RoHS Directive. Odace products are also free from dangerous substances. Schneider Electric consistently uses the materials and production methods that have the smallest possible impact on the environment. All Schneider Electric product components and packaging materials can be recycled at the end of their useful lifetime.



## Odace PlusLink technology is simple to install

Odace PlusLink can be tailored to any type of configuration, whether for a single room or an entire house. The following diagram illustrates a typical wiring installation with three levels:

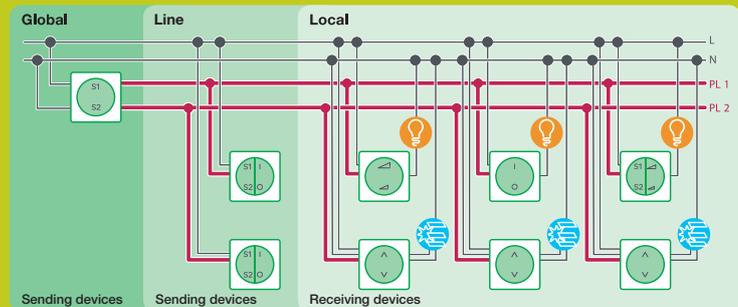
- Home level, with a centralized control center for up to four zones
- Zone level, with a control center that can manage up to ten dimmers, switches, and roller blind controls
- Local level, with basic lighting and roller blind controls.

The group control center can be used to turn all the loads on or off and to quickly and easily program two scenarios.



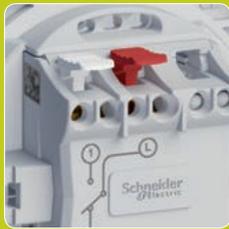
P120704

3 secondes



P120526

> Ergonomic terminals and automatic screwless connections for fast and reliable wiring.



P120515

> Only the terminals you need are open.



P120533

> The new 4-input/output socket-outlet makes adding new wires easier during remodelling projects.



P120524

> The double and triple TV sockets are easy to cable from the back with no need to disassemble the fixing frame. A single screw is all you need for a solid, reliable connection.

# Get organized with Odace

Give your customers the stylish designs, ease-of-use, and energy savings they are looking for—and make your life easier at the same time. Odace's streamlined product range for easy ordering and simple installation lets you focus on what you do best: keeping your customers happy!

## Just two part numbers

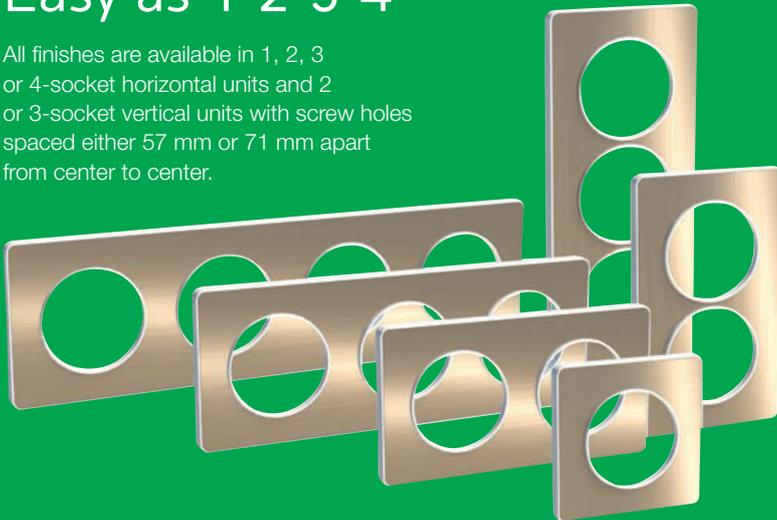
For simplified ordering and inventory management.



P120172

## Easy as 1-2-3-4

All finishes are available in 1, 2, 3 or 4-socket horizontal units and 2 or 3-socket vertical units with screw holes spaced either 57 mm or 71 mm apart from center to center.



P120368

## Surface-mounted installation

When you cannot flush-mount a box and device, turn to one of the Odace surface-mounted boxes compatible with the entire Odace range of electrical fittings and decorative cover frames.



P120374



P120375

# Clear, useful packaging

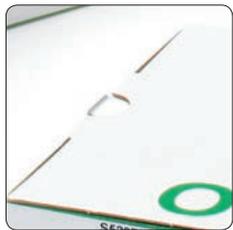
Odace packaging is designed to minimize errors when preparing orders. Product instructions are printed directly on the packaging. All labels are easy to read, and all the information are clear.

> **Clear, easy-to-understand packaging**  
All the product information you need at a glance!



P123636

> **Warranty sticker**  
Ensures that your product is new and has been factory tested.



P123662

> **Sturdy packaging**  
Odace products are carefully packed to prevent them from moving around during shipping and to facilitate inventory management.



P123636



P123632

## A practical, protective cover

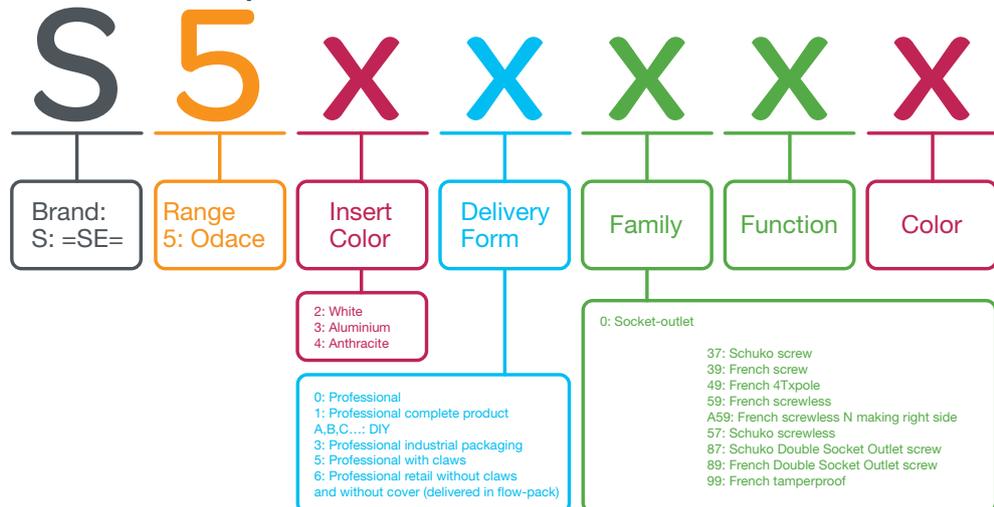
The easy-on, easy-off cover keeps all fittings clean and paint-free until the construction or remodelling work is finished. The flexible plastic makes it easy to operate fittings without removing the covers.



P123633

## Easy-to-understand product numbers

A simple product numbering system makes it easy to understand—and remember—exactly what you need for fast ordering.



**Common characteristics**

- Cables: 1.5 to 2.5 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- Directive: 2006/95/EC
- Standard: EN 60669-1
- Degrees of protection: IP21 D/IK04.

**10 AX – 250 V AC lightable switches**  
Without claws



10 AX one-way, screwless terminals		10 AX two-way, screwless terminals	
1 — L		1 — L	
Colour			
<input type="checkbox"/> white	<b>S520201</b>		<b>S520203</b>
<input checked="" type="checkbox"/> aluminium	<b>S530201</b>		<b>S530203</b>
	Lightable with S520290/291/292/293 LED lamps.		Lightable with S520290/291 LED lamps.
10 AX two-way, screwless terminals, siliconeproof (*)		10 AX double one-way, screwless terminals	
1 — L		1 — L	
2 — L		1 — L	
Colour			
<input type="checkbox"/> white	<b>S520204</b> <sup>(1)</sup>		<b>S523204P</b>
<input checked="" type="checkbox"/> aluminium	<b>S530204</b> <sup>(2)</sup>		
<input checked="" type="checkbox"/> anthracite	<b>S540204</b> <sup>(3)</sup>	<b>S546204</b> <sup>(4)</sup>	
	<sup>(1)</sup> Lightable with S520290/291 LED lamps		• Lightable with S520290/291 LED lamps
	<sup>(2)</sup> Lightable with S530297 rocker with visor and S520291 LED lamp		• Efficient packaging for the job
	<sup>(3)</sup> Lightable with S540297 rocker with visor and S520291 LED lamp		• 60 pcs packaging (minimum order 60 pcs)
	<sup>(4)</sup> Professional retail packaging (see page 27)		• Minimum environmental impact & volume.
10 AX intermediate, screwless terminals		10 AX double two-way, screwless terminals, siliconeproof (*)	
2 — L1		1 — L	
1 — L2		1 — L	
2 — L2		2 — L	
Colour			
<input type="checkbox"/> white	<b>S520205</b> <sup>(1)</sup>		<b>S520211</b>
<input checked="" type="checkbox"/> aluminium	<b>S530205</b> <sup>(2)</sup>		<b>S530211</b>
<input checked="" type="checkbox"/> anthracite	<b>S540205</b> <sup>(3)</sup>		
	<sup>(1)</sup> Lightable with S520290/291 LED lamps		Lightable with S520290/291 LED lamps.
	<sup>(2)</sup> Lightable with S530297 rocker with visor and S520291 LED lamp		
	<sup>(3)</sup> Lightable with S540297 rocker with visor and S520291 LED lamp		
10 AX double two-way, screwless terminals		10 AX double two-way, screwless terminals	
1 — L		1 — L	
2 — L		2 — L	
Colour			
<input type="checkbox"/> white	<b>S520214</b> <sup>(1)</sup>		<b>S526214</b> <sup>(1) (4)</sup>
<input checked="" type="checkbox"/> aluminium	<b>S530214</b> <sup>(2)</sup>		<b>S536214</b> <sup>(2) (4)</sup>
<input checked="" type="checkbox"/> anthracite	<b>S540214</b> <sup>(3)</sup>		<b>S546214</b> <sup>(2) (4)</sup>
	<sup>(1)</sup> Lightable with S520290/291 LED lamps		
	<sup>(2)</sup> Lightable with S530298 rocker with visor and S520291 LED lamp		
	<sup>(3)</sup> Lightable with S540298 rocker with visor and S520291 LED lamp		
	<sup>(4)</sup> Professional retail packaging (see page 27).		
10 AX double two-way, screwless terminals		10 AX double two-way, screwless terminals	
1 — L		1 — L	
2 — L		2 — L	
Colour			
<input type="checkbox"/> white	<b>S520213</b>		
<input checked="" type="checkbox"/> aluminium	<b>S530213</b>		
	Lightable with S520290/291 LED lamps.		

See LED lamps table  
page 35

(\*) Anti-crackling system with wires with "grease/silicon".



S525201



S525203



S525204



S525205



S525213



S525214



S520262



S525262

With claws

	<b>10 AX one-way, screwless terminals</b>	<b>10 AX two-way, screwless terminals</b>
Colour		
<input type="checkbox"/> white	<b>S525201</b>	<b>S525203</b>
	Lightable with S520290/291/292/293 LED lamps.	Lightable with S520290/291 LED lamps.
	<b>10 AX two-way, screwless terminals, siliconproof (*)</b>	<b>10 AX intermediate, screw terminals</b>
Colour		
<input type="checkbox"/> white	<b>S525204</b>	<b>S525205</b>
<input checked="" type="checkbox"/> aluminium	<b>S535204</b>	
	Lightable with S520290/291 LED lamps.	Lightable with S520290/291 LED lamps.
	<b>10 AX double two-way, screw terminals</b>	<b>10 AX double two-way, screwless terminals, siliconproof (1)</b>
Colour		
<input type="checkbox"/> white	<b>S525213</b>	<b>S525214</b>
	Lightable with S520290/291 LED lamps.	Lightable with S520290/291 LED lamps.

(\*) Anti-crackling system with wires with "grease/silicon".

**16 AX – 250 V lightable switches**

Without claws

	<b>16 AX double pole one-way, screwless terminals</b>
Colour	
<input type="checkbox"/> white	<b>S520262</b>
<input checked="" type="checkbox"/> aluminium	<b>S530262</b>
	Lightable with S520290/293 LED lamps.

With claws

	<b>16 AX double pole one-way, screwless terminals</b>
Colour	
<input type="checkbox"/> white	<b>S525262</b>
	Lightable with S520290/293 LED lamps.

See LED lamps table  
page 35



S520263



S520273



S525272



S520206



S520246



S520256

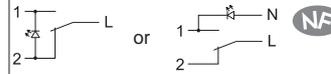


S520266

## 10 AX – 250 V switches with locator or indicator lamp

Without claws

### 10 AX two-way, screwless terminals

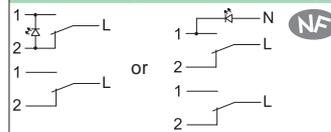


Colour	
□ white	<b>S520263</b> <sup>(1)</sup>
■ aluminium	<b>S530263</b> <sup>(2)</sup>
■ anthracite	<b>S540263</b> <sup>(2)</sup>

<sup>(1)</sup> Mounted with S520290 LED lamp (not wired)

<sup>(2)</sup> Mounted with S520291 LED lamp (not wired).

### 10 AX two-way with LED + two-way without LED, screwless terminals



Colour	
□ white	<b>S520273</b> <sup>(1)</sup>
■ aluminium	<b>S530273</b> <sup>(2)</sup>

<sup>(1)</sup> Mounted with S520290 LED lamp (not wired)

<sup>(2)</sup> Mounted with S520291 LED lamp (not wired).

## 16 AX – 250 V switches with locator or indicator lamp

With claws

### 16 AX double pole one-way, screwless terminals



Colour	
□ white	<b>S525272</b>

Mounted with S520290 LED lamp (not wired).

## 10 AX – 250 V lightable push-buttons

Without claws

### 10 AX, screwless terminals



Colour		
□ white	<b>S520206</b> <sup>(1)</sup>	<b>S526206</b> <sup>(1)</sup> <sup>(4)</sup>
■ aluminium	<b>S530206</b> <sup>(2)</sup>	<b>S536206</b> <sup>(2)</sup> <sup>(4)</sup>
■ anthracite	<b>S540206</b> <sup>(3)</sup>	<b>S546206</b> <sup>(2)</sup> <sup>(4)</sup>

<sup>(1)</sup> Lightable with S520290/293 LED lamps

<sup>(2)</sup> Lightable with S530297 rocker with visor and S520291/293 LED lamps

<sup>(3)</sup> Lightable with S540297 rocker with visor and S520291/293 LED lamps

<sup>(4)</sup> Professional retail packaging (see page 27).

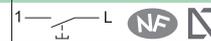
### 10 AX with "bell" symbol, screwless terminals



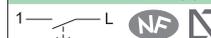
Colour		
□ white	<b>S520246</b>	<b>S520256</b>
■ aluminium	<b>S530246</b>	<b>S530256</b>
■ anthracite	<b>S540246</b>	

Lightable with S520290/293 LED lamps.

### 10 AX with "light" symbol, screwless terminals



### 10 AX with label support, screwless terminals



Colour	
□ white	<b>S520266</b> <sup>(1)</sup>
■ aluminium	<b>S530266</b> <sup>(2)</sup>
■ anthracite	<b>S540266</b> <sup>(2)</sup>

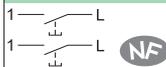
<sup>(1)</sup> Lightable with S520290 LED lamp

<sup>(2)</sup> Lightable with S520291 LED lamp.

See LED lamps table  
page 35



**10 AX double, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520216</b> <sup>(1)</sup>	<b>S526216</b> <sup>(1)(4)</sup>
<input type="checkbox"/> aluminium	<b>S530216</b> <sup>(2)</sup>	
<input type="checkbox"/> anthracite	<b>S540216</b> <sup>(3)</sup>	

<sup>(1)</sup> Lightable with S520290 LED lamp  
<sup>(2)</sup> Lightable with S530298 rocker with visor and S520291 LED lamp  
<sup>(3)</sup> Lightable with S540298 rocker with visor and S520291 LED lamp  
<sup>(4)</sup> Professional retail packaging (see page 27).



With claws

**10 AX, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S525206</b>	

Lightable with S520290/293 LED lamps.



**10 AX with bell symbol, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S525246</b>	<b>S525266</b>

Lightable with S520290/293 LED lamps.

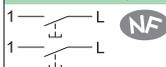
**10 AX with label support, screwless terminals**



Lightable with S520290 LED lamp.



**10 AX double, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S525216</b>	

Lightable with S520290 LED lamp.

**10 AX – 250 V push-buttons with locator lamp**

Without claws

**10 AX, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520276</b>	<b>S526276</b> <sup>(1)</sup>
<input type="checkbox"/> aluminium	<b>S530276</b>	<b>S536276</b> <sup>(1)</sup>
<input type="checkbox"/> anthracite	<b>S540276</b>	<b>S546276</b> <sup>(1)</sup>

● Rocker with visor  
● Mounted with S520292 LED lamp.  
<sup>(1)</sup> Professional retail packaging (see page 27).

**10 AX with "light" symbol, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520296</b>	
<input type="checkbox"/> aluminium	<b>S530296</b>	

● Rocker with visor  
● Mounted with S520292 LED lamp.



With claws

**10 AX, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S525276</b>	

● Rocker with visor  
● Mounted with S520292 LED lamp.

See LED lamps table  
page 35



S520284



S520285

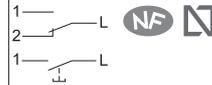


S525284

## 10 AX – 250 V lightable switches + push-buttons

Without claws

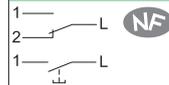
### 10 AX two-way switch + push-button (NO), screwless terminals



Colour	
<input type="checkbox"/> white	<b>S520284</b>

Switch and push-button lightable with S520290/291 LED lamps.

### 10 AX two-way switch + push-button (NO/NC), screwless terminals



Colour		
<input type="checkbox"/> white	<b>S520285</b> <sup>(1)</sup>	<b>S526285</b> <sup>(1) (3)</sup>
<input type="checkbox"/> aluminium	<b>S530285</b> <sup>(2)</sup>	
<input type="checkbox"/> anthracite	<b>S540285</b> <sup>(2)</sup>	<b>S546285</b> <sup>(1) (3)</sup>

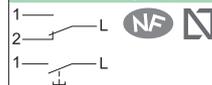
<sup>(1)</sup> Switch and push-button lightable with S520290/291 LED lamps

<sup>(2)</sup> Switch and push-button lightable with S520291 LED lamp

<sup>(3)</sup> Professional retail packaging (see page 27).

With claws

### 10 AX two-way switch + push-button (NO), screwless terminals



Colour	
<input type="checkbox"/> white	<b>S525284</b>

Switch and push-button lightable with S520290/291 LED lamps.

## Switches and push-buttons accessories

### LED lamps

Orange LED, 1.5 mA 250 V, wire



S520290

S526290 <sup>(1)</sup>

- For RL lamps
  - For indication (loads control) / location (indoor orientation)
  - For backlight with white colour rockers in daylight conditions
  - Only when < 5 push-buttons for location tackle a timer in common areas (corridors, stairs, ...)
  - Not to be used as auxiliary push-button with timer push-button (S520535).
- <sup>(1)</sup> Professional retail packaging (see page 27).

Blue LED, 0.15 mA 250 V, wire



S520291

- For RL and special loads
- For indication (loads control) / location (indoor orientation)
- White and aluminium colour rockers with visors are requested for daylight conditions
- For backlight with white colour rockers in "FULL" darkness conditions (ie. sleeping rooms)
- Only when > 5 push-buttons for location tackle a timer in common areas (corridors, stairs, ...)
- Max. 10 push-buttons (S520276 or S520296) with blue LED (S520291) as auxiliary push-button for timer push-button (S520535).

Blue LED, 0.15 mA 250 V, plug & play



S520292

- For RL and special loads
- For reposition / maintenance of S520276/S520296/S525276 push-buttons
- For single one-way switch and single push-button
- Location only
- White and aluminium colour rockers with visors are requested for "daylight" conditions
- For backlight with standard rockers in "obscurity" conditions (ie. sleeping rooms)
- Only when > 5 push-buttons for location tackle a timer in common areas (corridors, stairs, ...)
- Max. 10 push-buttons (S520276 or S520296) with blue LED (S520291) as auxiliary push-button for timer push-button (S520535).

Blue LED, 5 mA 12-48 Vdc, plug & play

S520293

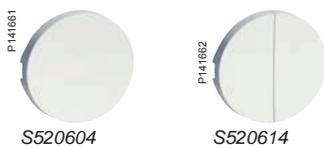
- For switches and push-buttons controlling door entry systems and bells
- For backlight with white rockers and with aluminium rockers with visors in daylight conditions
- Location only.





S520297

S520298



S520604

S520614



S520299

### Center plates

	Rocker with visor	Two half rockers with visor
Colour		
<input type="checkbox"/> white	S520297 <sup>(1)</sup>	S520298 <sup>(2)</sup>
<input type="checkbox"/> aluminium	S530297 <sup>(3)</sup>	S530298 <sup>(3)</sup>
<input type="checkbox"/> anthracite	S540297 <sup>(3)</sup>	S540298 <sup>(3)</sup>

- Delivered with:
  - <sup>(1)</sup> 1 x S520291 LED lamp
  - <sup>(2)</sup> 2 x S520291 LED lamp
  - <sup>(3)</sup> without LED lamp
- Special for RL and special loads
- Indication (loads control) / location (indoor orientation) in daylight conditions.

	Rocker	Two half rockers
Colour		
<input type="checkbox"/> white	S520604	S520614
<input type="checkbox"/> aluminium	S530604	S530614
<input type="checkbox"/> anthracite	S540604	S540614

### Spring to transform a switch to push-button

Spring
S520299
10 units, delivered in a plastic bag with a positioning aid tool.

## LED lamps table

			Locator / Indicator		Locator	
			S520290/S526290	S520291	S520292	S520293
			Orange LED 1.5 mA 250 V, wire	Blue LED 0.15 mA 250 V, wire	Blue LED 0.15 mA 250 V, plug&play	Blue LED 5 mA 12-48 Vdc, plug&play
<b>Lightable switches</b>						
	One-way	S520201 / S525201		 (1)	 (1)	
	Two-way	S520203 / S525203 S520204 S525204 / S523204 S530204 (5) / S540204 (6)				
	Intermediate	S520205 / S525205				
		S530205 (5) / S540205 (6)				
	Double one-way	S520211				
	Double two-way	S520213 / S525213 S520214 S525214 / S526214 S530214 (5) / S540214 (6)				
	Double pole one-way	S520262 / S525262				

### Lightable push-buttons

	Push-button	S520206 (2) / S526206 (2) S525206 (2) S530206 (2)(5) / S540206 (2)(6)		 (1)		
	Push-button with bell symbol	S520246 / S525246 S530246 / S540246				
	Push-button with light symbol	S520256 (2)				
	Push-button with label	S520266 / S525266 S530266 (5) / S540266 (6)				
	Double push-button	S520216 / S526216 S525216 S530216 (5) / S540216 (6)		 (1)		

### Switches + lightable push-buttons

	Two-way switch + push-button	S520284 / S525284 S520285 / S526285 S530285 (5) / S540285 (6)		 (1)		
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### Push-buttons with locator lamp

	Push-button	S520276 S525276 / S526276 S520296 S530276 (5) / S540276 (6)	 (2)	 (1)(4)	 (3)(4)	
---	-------------	--	--	---	---	--

-  In daylight  
 In obscurity (rockers without visor)

- (1) With rocker with visor (S520297/S520298).
- (2) When less than 5 push-buttons tackle DIN-rail timers (specially located in common areas such as corridors, stairs, ...). When more than 5 push-buttons tackle DIN-rail timers, then S520291, S520292 lamps are requested.
- (3) Lamp mounted.
- (4) Add max. 10 push-buttons (S5x0276 or S5x0296) with blue LED (S520291) as auxiliary push-button for timer push-button (S5x0535).
- (5) Aluminium finishing switches or push-buttons (S53xxxx) that need to be lightable, standard rockers have to be replaced by rockers with visor S530297 or S530298.
- (6) Anthracite finishing switches or push-buttons (S54xxxx) that need to be lightable, standard rockers have to be replaced by rockers with visor S540297 or S540298.

# Inserts

## Specialized controls

**Common characteristics**

- Cables: 1.5 to 2.5 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- Directive: 2006/95/EC
- Standard: EN 60669-1
- Degrees of protection: IP21 D/IK04.

### Mechanisms for roller blinds

Without claws



**6 AX, switch, 3 rockers/3 positions, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520208</b>	<b>S526208</b> <sup>(1)</sup>
<input type="checkbox"/> aluminium	<b>S530208</b>	<b>S536208</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> anthracite	<b>S540208</b>	<b>S546208</b> <sup>(1)</sup>

- For roller blind motors control with end-course protection
  - More intuitive and ergonomic rockers with STOP central button.
- <sup>(1)</sup> Professional retail packaging (see page 27).



**6 A, push-button, 2 rockers, 3 positions, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520207</b>	<b>S526207</b> <sup>(1)</sup>
<input type="checkbox"/> aluminium	<b>S530207</b>	<b>S536207</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> anthracite	<b>S540207</b>	<b>S546207</b> <sup>(1)</sup>

- For roller blind motors control without end-course protection
  - Intuitive and ergonomic
  - 3 positions by rocker: -1(activated), 0(stop), +1(no activated).
- <sup>(1)</sup> Professional retail packaging (see page 27).



**10 AX, push-button NO (1-2), STOP (1+2) for automatism, screwless terminals**



Colour		
<input type="checkbox"/> white	<b>S520227</b>	
<input checked="" type="checkbox"/> aluminium	<b>S530227</b>	

- For roller blind motor automatism without end-course protection
- Rockers left-UP/right-DOWN
- To stop the motor in a position, both rockers to be actioned at the same time.



With claws

**6 AX, 3 rockers/3 positions, screwless terminals**



Colour	
<input type="checkbox"/> white	<b>S525208</b>

- For roller blind motors control with end-course protection
- More intuitive and ergonomic rockers with STOP central button.

**6 A, push-button, 2 rockers, 3 positions, screwless terminals**



Colour	
<input type="checkbox"/> white	<b>S525207</b>

- For roller blind motors control without end-course protection
- Intuitive and ergonomic
- 3 positions by rocker: -1(activated), 0(stop), +1(no activated).



**10 AX, push-button NO (1-2), STOP (1+2) for automatism**



Colour	
<input type="checkbox"/> white	<b>S525227</b>

- For roller blind motor automatism without end-course protection
- Rockers left-UP/right-DOWN
- To stop the motor in a position, both rockers to be controlled at the same time.

## Mechanisms for VMC

Without claws

### 10 AX, two-way, screwless terminals



Colour		
<input type="checkbox"/> white	<b>S520233</b>	<b>S526233</b>
<input type="checkbox"/> aluminium	<b>S530233</b>	<b>S536233</b>
<input type="checkbox"/> anthracite	<b>S540233</b>	<b>S546233</b>

Professional retail packaging (see page 27).

### 6 AX, two-way, 3 positions, screwless terminals



Colour		
<input type="checkbox"/> white	<b>S520243</b>	
<input type="checkbox"/> aluminium	<b>S530243</b>	
<input type="checkbox"/> anthracite	<b>S540243</b>	

More intuitive and ergonomic rockers with STOP central button.

### 6 AX, two-way, 3 positions, screwless terminals



Colour		
<input type="checkbox"/> white	<b>S525243</b>	

More intuitive and ergonomic rockers with STOP central button.



S520233



S520243



S525243



### Rotary electronic dimmer switches

With dismounted claws



	40-600 VA two-way switch	20-420 VA two-way switch	9-100 VA two-way switch	4-400 VA two-way switch
Colour				
<input type="checkbox"/> white	S520511	S520515	S520518	S520512
<input type="checkbox"/> aluminium	S530511	S530515	S530518	S530512
<input checked="" type="checkbox"/> anthracite	S540511	S540515	S540518	S540512
Characteristics				
Two-wire connection	■	■	■	■
Dimmer control	270 ° rotary setting, ON/OFF push			
Rated operational voltage	230 V AC, 50 Hz			
Protection	Fuse 6.3 A/250 V, H type (included)	Electronic	Fuse 4.0 A/250 V, H type (included)	Electronic
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables			
Ambient air temperature for operation	5 to 35 °C			
Directives	<ul style="list-style-type: none"> <li>● 2006/95/EC</li> <li>● 2004/108/EC electromagnetic compatibility</li> </ul>			
Standard	EN 60669-2-1			
Degrees of protection	IP20/IK02			
Loads				
230 V AC incandescent lamps	40 - 600 W	20 - 420 W	20 - 100 W	4 - 400 W
230 V AC halogen lamps	40 - 600 W	20 - 420 W	20 - 100 W	4 - 400 W
LV halogen lamps with ferromagnetic transformer	40 - 600 VA	20 - 420 VA	20 - 100 VA	4 - 400 VA
LV halogen lamps with electronic transformer	-	20 - 420 VA	-	4 - 400 VA
230 V AC special loads	-	-	9-100 W <sup>(1)</sup>	-
LED lamps (RC-mode)	-	-	-	4 - 200 VA <sup>(1)</sup>
LED lamps (RL-LED-mode)	-	-	-	4 - 40 VA <sup>(1)</sup>

(1) For more details, ask to your help desk.

## Presence and movement detectors

With dismounted claws



**40-350 W, 2 wires**

**10 A, 3 wires**



Colour			
<input type="checkbox"/>	white	<b>S520524</b>	<b>S520525</b>
<input type="checkbox"/>	aluminium	<b>S530524</b>	<b>S530525</b>
<input type="checkbox"/>	anthracite	<b>S540524</b>	<b>S540525</b>
Characteristics			
Manual override with push-buttons NC		■	-
Movement detector area (PIR mounting height: 1.2 m)		10 x 20 m	10 x 28 m
Presence detection area (PIR mounting height: 1.2 m)		10 x 18 m	10 x 18 m
Field of view		<ul style="list-style-type: none"> <li>● Horizontal: 112 °</li> <li>● Vertical: 6 °</li> </ul>	
Selection modes	A: automatic (push-buttons in serie: max. 5)	■	■
	M: manual	■	■
	S: slave (slaves connected: max. 5)	-	■
Light intensity adjustment		5 to 1000 Lux	
Start-up time		10 s	
Time delay		5 s to 20 min.	
Extended timer		30 min.	
Rated operational voltage		230 V AC - 50 Hz	
Protection type		Electronic	
Number of PIR connected in parallel for a load		3 maxi.	-
Clamping connection capacity		1.5 to 2.5 mm <sup>2</sup> solid/stranded/flexible cable(s)	
Ambient air temperature for operation		5 to 35 °C	
Power derating		5 W per °C above 250°C	-
Directives		<ul style="list-style-type: none"> <li>● 2006/95/EC</li> <li>● 2004/108/EC electromagnetic compatibility</li> </ul>	<ul style="list-style-type: none"> <li>● 2006/95/EC</li> <li>● 2004/108/EC electromagnetic compatibility</li> </ul>
Standards		<ul style="list-style-type: none"> <li>● EN 60669-2-1</li> <li>● EN 61000-6-2</li> </ul>	<ul style="list-style-type: none"> <li>● EN 60669-2-1</li> </ul>
Degrees of protection		IP20/IK04	
Loads			
	230 V AC incandescent lamps	40-350 W (1)	2300 W
	230 V AC halogen lamps	40-350 W (1)	2000 W
	LV halogen lamps with ferromagnetic transformer	-	1050 VA
	LV halogen lamps with electronic transformer	-	1150 VA
	230 V AC fluorescent lamps, parallel compensated 140 µF	-	2000 VA cos φ = 0,9
	230 V AC fluorescent lamps with electronic ballast	-	900 W
	230 V AC Compact Fluorescent Lamps	-	500 VA
	230 V AC motors, ventilators	-	200 VA

(1) Minimum loads for parallel mounting:

- 40 W for 1 PIR in parallel
- 50 W for 2 PIR in parallel
- 80 W for 3 PIR in parallel



### Time delay switch

With dismounted claws



**8 A-1840 W/VA, 2 s to 12 min.**



Colour	
<input type="checkbox"/> white	<b>S520535</b>
<input checked="" type="checkbox"/> aluminium	<b>S530535</b>
Characteristics	
Rated current	8 A - 230 V AC, 50 Hz
Protection type	Electronic
Connected auxiliaries	<ul style="list-style-type: none"> <li>• Maximum 25 auxiliary push-buttons without LED indication</li> <li>• Maximum 10 auxiliary push-buttons with LED indication</li> </ul>
Status LED	Blue LED for load OFF indication
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables
Ambient air temperature for operation	5 to 35 °C
Directives	<ul style="list-style-type: none"> <li>• 2006/95/EC</li> <li>• 2004/108/EC electromagnetic compatibility</li> </ul>
Standard	EN 60669-1
Degrees of protection	IP20/IK04
Loads	
230 V AC incandescent lamps	1840 W
230 V AC halogen lamps	1840 W
LV halogen lamps with ferromagnetic transformer	1840 VA
LV halogen lamps with electronic transformer	1840 VA
230 V AC fluorescent lamps with conventional ballast	1840 W
230 V AC Compact Fluorescent Lamps	500 VA
230 V AC heater	1840 W
230 V AC motors, ventilators	690 W

### Key card switches with location LED

Without claws



**10AX**



With claws



**10AX**



Colour	
<input type="checkbox"/> white	<b>S520283</b>
<input checked="" type="checkbox"/> aluminium	<b>S530283</b>
<input checked="" type="checkbox"/> anthracite	<b>S540283</b>
Characteristics	
Rated operation voltage	250 V AC ± 10%, 50 Hz
Location LED	Blue (S520291 included)
Current consumption	0.15 mA
Contact type	1 NO
Cables	1.5 to 2.5 mm <sup>2</sup> solid, stranded, flexible cables
Ambient air temperature for operation	5 to 35 °C
Card thickness	0.7 mm min, 1 mm max
Directives	2006/95/EEC
Standard	EN 60669-1
Degrees of protection	IP20D/IK04

## Thermostats

With dismantled claws



	8 A, electronic room thermostat, heat/cool	10 A, electronic floor thermostat with external sensor	5 A, mechanical room thermostat, heat/cool
Colour			
<input type="checkbox"/> white	<b>S520501</b>	<b>S520507</b>	<b>S520500</b>
<input type="checkbox"/> aluminium	<b>S530501</b>	<b>S530507</b>	
Characteristics			
Temperature adjustment range	5 to 30 °C	5 to 45 °C	5 to 30 °C
Measurement accuracy	± 0.5 °C	± 0.5 °C	± 1 °C
Contact type and composition	NO, C, NC	NO	1 C/O
Load interrupting current	<ul style="list-style-type: none"> <li>● 8 A resistive</li> <li>● 5 A inductive</li> </ul>	10 A resistive	5 A resistive
Local signalling	<ul style="list-style-type: none"> <li>● Green LED for voltage presence</li> <li>● Red/Blue dual colour LED for heating or air-conditioning application</li> </ul>	<ul style="list-style-type: none"> <li>● Green LED for voltage presence</li> <li>● Red LED for heating application</li> </ul>	-
Rated operational voltage	230 V AC, 50 Hz		
Protection type	Electronic		
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables		
Ambient air temperature for operation	0 to 35 °C		
Directives	<ul style="list-style-type: none"> <li>● 2006/95/EC</li> <li>● 2004/108/EC electromagnetic compatibility</li> </ul>		
Standard	EN 60730-2-9		
Degrees of protection	IP20/IK04		



	10 A, touch display thermostat	Weekly programmable thermostat										
Colour												
<input checked="" type="checkbox"/> black	<b>S520509</b>	<b>S520508</b>										
Characteristics												
Temperature setting range	<table border="0"> <tr> <td>air mode</td> <td>+ 5 to + 30 °C</td> </tr> <tr> <td>floor mode</td> <td>+ 5 to + 50 °C</td> </tr> <tr> <td>dual mode</td> <td>+ 5 to + 30 °C</td> </tr> <tr> <td>pilot wire</td> <td>6 orders</td> </tr> <tr> <td>adjustable temperature reduction</td> <td>± 0 to 9 °C</td> </tr> </table>	air mode	+ 5 to + 30 °C	floor mode	+ 5 to + 50 °C	dual mode	+ 5 to + 30 °C	pilot wire	6 orders	adjustable temperature reduction	± 0 to 9 °C	
air mode	+ 5 to + 30 °C											
floor mode	+ 5 to + 50 °C											
dual mode	+ 5 to + 30 °C											
pilot wire	6 orders											
adjustable temperature reduction	± 0 to 9 °C											
Measurement accuracy	± 0.5 °C											
Signaling functions	<ul style="list-style-type: none"> <li>● temperature setpoint</li> <li>● relay ON/OFF</li> </ul>											
Contact type	NO											
Nominal load	<ul style="list-style-type: none"> <li>● resistive: 10 A</li> <li>● inductive: 1 A</li> </ul>											
Protection type	<ul style="list-style-type: none"> <li>● fuse 10A</li> <li>● electronic overload protection</li> </ul>											
Rated operational voltage	230 V AC, 50 Hz											
Display	2 digits, blue											
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables											
Ambient air temperature for operation	0 °C to +35 °C											
Standard	2004/108/EC, 2006/95/EEC, EN 60730-2-9											
Degrees of protection	IP20/IK04											

Delivered with 4 m floor temperature sensor.

# Inserts

## Socket-outlets

### Common characteristics

- Rated operational voltage: 250 V AC - 50 Hz
- Clamping connection capacity: 1.5 to 4 mm<sup>2</sup> rigid/flexible/stranded cables
- Clamping connection capacity for S520049:
  - 1.5 to 4 mm<sup>2</sup> rigid/stranded cables
  - 1.5 to 2.5 mm<sup>2</sup> flexible cables
- Dielectric strength: 0 to 2000 V
- Ambient air temperature for operation: 5 to 35 °C
- Degrees of protection: IP21 D/IK04.

### German socket-outlets

Without claws



16 A 2P + E, shuttered, screwless		16 A 2P + E, shuttered, screw terminals	
☒		☒	
Colour			
☐ white	S520057	S520037	
■ aluminium	S530057	S530037	
Standards: UNE 20315-1-1, UNE 20315-1-2.			
16 A 2P + E, shuttered, screwless, with Styl cover frame			
☒			
Colour			
☐ white	S521057		
Standards: UNE 20315-1-1, UNE 20315-1-2.			
16 A 2P + E, shuttered, screw terminals, with Styl cover frame			
☒			
Colour			
☐ white	S521037		
■ aluminium	S531037		
Standards: UNE 20315-1-1, UNE 20315-1-2.			
Double 16 A 2P + E, shuttered, screw terminals, semi flush vertical with Styl cover frame			
☒		☒	
Colour			
☐ white	S521087		
■ aluminium			S521087E
<ul style="list-style-type: none"> <li>• Standards: UNE 20315-1-1, UNE 20315-1-2</li> <li>• Specially for refurbishment.</li> </ul>			

## French socket-outlets

Without claws



16 A 2P + E, shuttered, screwless		16 A 2P + E, shuttered, screwless
Colour		
<input type="checkbox"/> white	S520059	S523059P
<input type="checkbox"/> aluminium	S530059	
<input type="checkbox"/> anthracite	S540059	S546059 <sup>(1)</sup>
Standard: NF C 61-314.		<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> <li>Efficient packaging for the job.</li> <li>40 pcs packaging (minimum order 40 pcs).</li> <li>Minimum environmental impact and minimum volume.</li> </ul>
16 A 2P + E, shuttered, screw terminals		16 A 2P + E, shuttered, screwless
Colour		
<input type="checkbox"/> white	S520039	S520A59
<input type="checkbox"/> aluminium	S530039	S530A59
<input type="checkbox"/> anthracite	S540039	
<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> <li>Specially for refurbishment, 30 mm depth CE60 flush mounting boxes.</li> </ul>		<ul style="list-style-type: none"> <li>Standards: UNE 20315-1-1, UNE 20315-1-2</li> <li>N marking in the right (front side).</li> </ul>
16 A 2P + E, tamperproof, screw terminals		
Colour		
<input type="checkbox"/> white	S520099	
<input type="checkbox"/> aluminium	S530099	
<input type="checkbox"/> red	S52009903	
<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> <li>Tamperproof is used to dedicate the socket to a specific load.</li> </ul>		
Double 16 A 2P + E, shuttered, screw terminals, semi flush vertical with Styl outer plate		
Colour		
<input type="checkbox"/> white	S521089	
<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> </ul>		<ul style="list-style-type: none"> <li>Specially for refurbishment</li> </ul>
16 A 2P + E, 4 terminals per pole, shuttered, screwless		
Colour		
<input type="checkbox"/> white	S520049	S523049P
<input type="checkbox"/> aluminium	S530049	
<input type="checkbox"/> anthracite	S540049	
<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> <li>Specially for refurbishment with 30 mm depth CE60 flush mounting boxes, only compatible with S520690 claws.</li> </ul>		<ul style="list-style-type: none"> <li>Standard: NF C 61-314</li> <li>Specially for refurbishment with 30 mm depth CE60 flush mounting boxes, only compatible with S520690 claws</li> <li>Efficient packaging for the job.</li> <li>40 pcs packaging (minimum order 40 pcs).</li> <li>Minimum environmental impact and minimum volume.</li> </ul>

<sup>(1)</sup> Professional retail packaging (see page 27)

# Inserts

## Socket-outlets



S525049



S525039



S525A59



S525059



S520033



S526033



S525033



S520006



S520659

### French socket-outlets (cont'd)

With claws

#### 16 A 2P + E, 4 terminals per pole, shuttered, screwless



Colour		
<input type="checkbox"/> white	<b>S525049</b>	

- Standard: NF C 61-314
- Specially for refurbishment with 30 mm depth CE60 flush mounting boxes, only compatible with S520690 claws.

<b>16 A 2P + E, shuttered, screw terminals</b>	<b>16 A 2P + E, shuttered, screwless</b>
--	--



Colour		
<input type="checkbox"/> white	<b>S525039</b>	<b>S525A59</b>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>● Standard: NBN C 61-314</li> <li>● Specially for refurbishment with 30 mm depth CE60 flush mounting boxes.</li> </ul> | <ul style="list-style-type: none"> <li>● Standards: NBN C 61-112-1, UNE 20315-1-1, UNE 20315-1-2</li> <li>● N marking in the right (front side).</li> </ul> |
|---|---|

#### 16 A 2P + E, shuttered, screwless



Colour		
<input type="checkbox"/> white	<b>S525059</b>	
<input checked="" type="checkbox"/> aluminium	<b>S535059</b>	

- Standards: NBN C 61-112-1, UNE 20315-1-1, UNE 20315-1-2
- N marking in the left (back side).

### European socket-outlets

Without claws

#### 16 A 2P, shuttered, screw terminals



Colour		
<input type="checkbox"/> white	<b>S520033</b>	<b>S526033 <sup>(1)</sup></b>
<input checked="" type="checkbox"/> aluminium	<b>S530033</b>	
<input checked="" type="checkbox"/> anthracite	<b>S540033</b>	

- Standards: NF C 61-314, UNE 20315-1-1, UNE 20315-1-2
- Only for refurbishment.
- <sup>(1)</sup> Professional retail packaging (see page 21).

With claws

#### 16 A 2P, shuttered, screwless



Colour		
<input type="checkbox"/> white	<b>S525033</b>	

- Standard: NBN C 61-314
- Only for refurbishment@

### Socket-outlets accessories

#### Colored symbols



Colour		
	<b>S520006</b>	

- For pin earth (french) and side earth (german) socket-outlets
- Delivered in a plastic bag with 10 sheets. Each sheet has 8 colored symbols.

#### Center plates

Colour		
<input type="checkbox"/> white	<b>S520659</b>	
<input checked="" type="checkbox"/> aluminium	<b>S530659</b>	
<input checked="" type="checkbox"/> anthracite	<b>S540659</b>	

# Inserts

## VDI sockets

### Data sockets

#### RJ45 infraplus data sockets

##### Common characteristics

- Type of cable: twisted pair
- Product compatibility: infraplus, Actassi s-one
- Connections terminals: IDC
- Number of loop terminals: 1
- Ambient air temperature for operation: 5 to 35 °C
- Degree of protection: IP21.

Without claws



S520471



S520475



S520476



S520477



S520481



S520485



S520486



VDIB17725U



VDIB17726B

Category 5e, unshielded				
Colour				
□ white	S520471 <sup>(2)</sup>			S526471 <sup>(1) (2)</sup>
■ aluminium	S530471 <sup>(2)</sup>			
■ anthracite	S540471 <sup>(2)</sup>			
Standards:				
<ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> </ul>		<ul style="list-style-type: none"> <li>• TIA/EIA-568</li> <li>• TIA/EIA-568-A-5</li> <li>• IEC 60603-7-3.</li> </ul>		
Category 6, unshielded			Category 6, shielded	
Colour				
□ white	S520475 <sup>(3)</sup>	S540475 <sup>(3)</sup>	S520476 <sup>(4)</sup>	S526476 <sup>(1)</sup>
■ aluminium	S530475 <sup>(3)</sup>		S530476 <sup>(4)</sup>	S536476 <sup>(1)</sup>
■ anthracite	S540475 <sup>(3)</sup>	S546475 <sup>(1)</sup>	S540476 <sup>(4)</sup>	S546476 <sup>(1)</sup>
Standards:				
<ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> </ul>		<ul style="list-style-type: none"> <li>• IEC 60603-7-5</li> <li>• ANSI/TIA/EIA-568-B-2</li> <li>• ANSI/TIA/EIA-568-B-2-1.</li> </ul>		
Category 6a, shielded				
Colour				
□ white	S520477 <sup>(3)</sup>			
■ aluminium	S530477 <sup>(3)</sup>			
■ anthracite	S540477 <sup>(3)</sup>			
Standards:				
<ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> </ul>		<ul style="list-style-type: none"> <li>• IEC 60603-7-5</li> <li>• ANSI/TIA/EIA-568-B-2</li> <li>• ANSI/TIA/EIA-568-B-2-1.</li> </ul>		
Category 5e, unshielded, double				
Colour				
□ white	S520481 <sup>(2)</sup>			
■ aluminium	S530481 <sup>(2)</sup>			
Standards:				
<ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> </ul>		<ul style="list-style-type: none"> <li>• TIA/EIA-568-A-5</li> <li>• IEC 60603-7-3.</li> </ul>		
Category 6, unshielded, double			Category 6, shielded, double	
Colour				
□ white	S520485 <sup>(3)</sup>	S540485 <sup>(3)</sup>	S520486 <sup>(4)</sup>	
■ aluminium	S530485 <sup>(3)</sup>		S530486 <sup>(4)</sup>	
■ anthracite	S540485 <sup>(3)</sup>		S540486 <sup>(4)</sup>	
Standards:				
<ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> </ul>		<ul style="list-style-type: none"> <li>• IEC 60603-7-5</li> <li>• ANSI/TIA/EIA-568-B-2</li> <li>• ANSI/TIA/EIA-568-B-2-1.</li> </ul>		

<sup>(1)</sup> Professional retail packaging (see page 27)

Actassi S-one RJ45 connectors reference numbers included into Odace infraplus data sockets:

<sup>(2)</sup> VDIB17725U, <sup>(3)</sup> VDIB17726U, <sup>(4)</sup> VDIB17726B.

# Inserts VDI sockets



## RJ45 infraplus data sockets (cont'd)

With claws

Colour	Category 5e, unshielded	Category 6, shielded
□ white	<b>S525471</b> <sup>(2)</sup>	<b>S525476</b> <sup>(4)</sup>
	Standards: <ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> <li>• TIA/EIA-568-A-5</li> <li>• IEC 60603-7-3.</li> </ul>	Standards: <ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> <li>• IEC 60603-7-5</li> <li>• ANSI/TIA/EIA-568-B-2</li> <li>• ANSI/TIA/EIA-568-B-2-1.</li> </ul>
Colour	Category 6, shielded, double	
□ white	<b>S525486</b> <sup>(4)</sup>	
	Standards: <ul style="list-style-type: none"> <li>• EN 50173-1</li> <li>• ISO/IEC 11801</li> <li>• IEC 60603-7</li> <li>• TIA/EIA-568</li> </ul>	<ul style="list-style-type: none"> <li>• IEC 60603-7-5</li> <li>• ANSI/TIA/EIA-568-B-2</li> <li>• ANSI/TIA/EIA-568-B-2-1.</li> </ul>

Actassy S-one RJ45 connectors reference numbers included into Odace infraplus data sockets:  
<sup>(2)</sup> VDIB17725U, <sup>(4)</sup> VDIB17726B.

## RJ45 data socket accessories

Colour	Center plate + fixing frame without claws, single	Center plate + fixing frame without claws, double
□ white	<b>S520400</b>	<b>S520410</b>
■ aluminium	<b>S530400</b>	<b>S530410</b>
■ anthracite	<b>S540400</b>	<b>S540410</b>
	<ul style="list-style-type: none"> <li>• Delivered without connectors</li> <li>• Support to receive any RJ45 connector with infraplus footprint.</li> </ul>	
Colour	Center plates	
□ white	<b>S520671</b>	
■ aluminium	<b>S530671</b>	
■ anthracite	<b>S540671</b>	

## Optical fibre center plates

### Common characteristics

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

Without claws

Colour	SC/SC APC simplex type	SC/SC APC duplex type
□ white	<b>S520404</b>	<b>S520405</b>
■ aluminium	<b>S530404</b>	<b>S530405</b>
	<ul style="list-style-type: none"> <li>• Support to receive any SC simplex and duplex adapters</li> <li>• Support to receive <b>Actassy</b> optical fibre adapters: <ul style="list-style-type: none"> <li>○ SC Duplex multi mode adapters: ref. n° VDIB6031001 and VDIB6031002</li> <li>○ SC Duplex single mode adapters: ref. n° VDIB6032001 and VDIB6032002</li> <li>○ SC APC Duplex single mode adapter: ref. n° VDIB6082001</li> <li>○ SC APC Simplex single mode adapter: ref. n° VDIB6072001.</li> </ul> </li> </ul>	



VDIB6031001  
VDIB6031002



VDIB6032001  
VDIB6032002



VDIB6082001



VDIB6072001

## TV/R/SAT sockets

### TV single sockets

#### Common characteristics

- TV connector: male IEC 9.52 mm
- Path attenuation:
  - 1.5 dB for TV signal at 5 to 1800 MHz
  - 2.5 dB at 1800 to 2150 MHz
- Type of cable: coaxial
- Ambient air temperature for operation: 5 to 35 °C
- Standard: EN 50083-4
- Degrees of protection: IP21 D/IK04.

Without claws

#### TV socket

Colour		
<input type="checkbox"/> white	<b>S520445</b>	<b>S526445</b>
<input type="checkbox"/> aluminium	<b>S530445</b>	<b>S536445</b>
<input type="checkbox"/> anthracite	<b>S540445</b>	<b>S546445</b>
		Professional retail packaging (see page 27).

With claws

#### TV socket

Colour	
<input type="checkbox"/> white	<b>S525445</b>



S520445



S525445

### SAT single sockets

#### Characteristics

- SAT connector: F type
- Path attenuation: 1.5 dB for SAT signal at 950 to 2150 MHz
- Type of cable: coaxial
- Ambient air temperature for operation: 5 to 35 °C
- Directive: 2006/95/EC
- Standard: EN 50083-4
- Degrees of protection: IP21 D/IK04.

Without claws

#### SAT socket

Colour		
<input type="checkbox"/> white	<b>S520446</b>	
<input type="checkbox"/> aluminium	<b>S530446</b>	
<input type="checkbox"/> anthracite	<b>S540446</b>	
		Output F type.



S520446

# Inserts

## VDI sockets

### TV/R sockets

Without claws



With claws



	<b>TV/R socket, individual</b>	<b>TV/R socket, passage</b>	<b>TV/R socket, terminal</b>	<b>TV/R socket, individual</b>	<b>TV/R socket, individual Telenet-Interkabel</b>
--	--------------------------------	-----------------------------	------------------------------	--------------------------------	---

Colour						
<input type="checkbox"/> white		<b>S520451</b>	<b>S520453</b>	<b>S520452</b>	<b>S525451</b>	<b>S525469</b>
<input type="checkbox"/> aluminium		<b>S530451</b>	<b>S530453</b>	<b>S530452</b>		
<input type="checkbox"/> anthracite		<b>S540451</b>	<b>S540453</b>	<b>S540452</b>		
Characteristics						
Inputs		1	1	1	1	1
Frequency range	TV	MHz	125-862	125-862	125-862	125-862
	R	MHz	5-108	5-108	5-108	5-108
Through-pass attenuation (1)	TV	dB	-	≤ 3	-	-
	R	dB	-	≤ 3	-	-
Connection attenuation (2)	TV	dB	≤ 1.5	11 ± 1.5	11 ± 1.5	≤ 1.5
	R	dB	≤ 1.5	11 ± 1.5	11 ± 1.5	≤ 1.5
Isolation	TV-R	dB	≥ 22	≥ 25	≥ 25	≥ 22
	TV-Out	dB	-	≥ 20	-	-
	R-Out	dB	-	≥ 20	-	-
Return loss (3)	In/Out	dB	≥ 10	≥ 10	≥ 10	≥ 10
	TV	dB	≥ 10	≥ 10	≥ 10	≥ 10
	R	dB	≥ 12	≥ 12	≥ 12	≥ 12
Connector	TV		Male IEC 9.52 mm			
	R		Female IEC 9.52 mm			
Type of cable		Coaxial				
Ambient air temperature for operation		5 to 35 °C				
Standard		EN 50083-4				
Degrees of protection		IP21 D/IK04				

(1) Loss (in dB) between trunk input and trunk output

(2) Loss (in dB) between trunk input and outlet outputs

(3) When a part of the signal is sent back to the cable. It is the measure (in dB) of the reflected energy. High values mean less reflected energy.

## R-TV/SAT sockets

Without claws



			R-TV/SAT socket, individual	R-TV/SAT socket, passage	R-TV/SAT socket, terminal
Colour					
□ white			<b>S520454</b>	<b>S520456</b>	<b>S520455</b>
■ aluminium			<b>S530454</b>	<b>S530456</b>	<b>S530455</b>
Characteristics					
Inputs			1	1	1
Frequency range	R-TV	MHz	5-862	5-862	5-862
	SAT	MHz	950-2400	950-2400	950-2400
Through-pass attenuation (1)	TV	dB	-	≤ 3	-
	R	dB	-	≤ 3	-
	SAT	dB	-	≤ 3	-
Connection attenuation (2)	R-TV	dB	≤ 2.5	11 ± 2	11 ± 2
	SAT	dB	≤ 3	12 ± 2	12 ± 2
Isolation	TV-R	dB	-	-	-
	TV-Out	dB	-	≥ 18	-
	R-Out	dB	-	-	-
	SAT-TV	dB	≥ 15	≥ 15	≥ 15
Return loss (3)	SAT-Out	dB	-	≥ 15	-
	In/Out	dB	≥ 8	≥ 8	≥ 8
	TV	dB	≥ 8	≥ 8	≥ 8
	R	dB	≥ 8	≥ 8	≥ 8
Connector	SAT	dB	≥ 8	≥ 8	≥ 8
	R-TV		Male IEC 9.52 mm		
	SAT		Female IEC 9.52 mm		
DC pass			-	SAT max 30 V 1 A	SAT max 30 V 1 A
Type of cable			Coaxial		
Ambient air temperature for operation			5 to 35 °C		
Directive			2006/95/EC		
Standard			EN 50083-4		
Degrees of protection			IP21 D/IK04		

(1) Loss (in dB) between trunk input and trunk output

(2) Loss (in dB) between trunk input and outlet outputs

(3) When a part of the signal is sent back to the cable. It is the measure (in dB) of the reflected energy. High values mean less reflected energy.

# Inserts

## VDI sockets

### TV/SAT/R sockets

Without claws



With claws



		TV/SAT/R socket, single		TV/SAT/R socket, single		
<b>Colour</b>						
<input type="checkbox"/> white		<b>S520461</b>	<b>S526461</b> <sup>(4)</sup>	<b>S520460</b>	<b>S525461</b>	
<input type="checkbox"/> aluminium		<b>S530461</b>		<b>S530460</b>		
<input checked="" type="checkbox"/> anthracite		<b>S540461</b>	<b>S546461</b> <sup>(4)</sup>	<b>S540460</b>		
<b>Characteristics</b>						
<b>Inputs</b>		1		2 input 1   input 2		1
<b>Frequency range</b>	TV	MHz	125-862	125-862	-	125-862
	R	MHz	5-108	-	5-2400	5-108
	SAT	MHz	950-2400	950-2400	-	950-2400
<b>Through-pass attenuation (1)</b>	TV	dB	-	-	-	-
	R	dB	-	-	-	-
	SAT	dB	-	-	-	-
<b>Connection attenuation (2)</b>	TV	dB	≤ 3	≤ 3	-	≤ 3
	R	dB	≤ 2.5	≤ 3	-	≤ 2.5
	SAT	dB	≤ 3	-	≤ 3	≤ 3
<b>Isolation</b>	TV-R	dB	≥ 12	≥ 12	≥ 12	≥ 12
	TV-Out	dB	-	-	-	-
	R-Out	dB	-	-	-	-
	SAT-TV	dB	≥ 18	≥ 25	≥ 25	≥ 18
<b>Return loss (3)</b>	SAT-Out	dB	-	-	-	-
	In/Out	dB	≥ 10	≥ 10	≥ 10	≥ 10
	TV	dB	≥ 10	≥ 10	≥ 10	≥ 10
	R	dB	≥ 12	≥ 10	≥ 10	≥ 12
<b>Connector</b>	SAT	dB	≥ 10	≥ 10	≥ 10	≥ 10
	TV		Male IEC 9.52 mm			
	R		Female IEC 9.52 mm			
	SAT		Female IEC 9.52 mm			
<b>DC pass</b>		SAT max 30 V 1 A				
<b>Type of cable</b>		Coaxial				
<b>Ambient air temperature for operation</b>		5 to 35 °C				
<b>Standard</b>		EN 50083-4				
<b>Degrees of protection</b>		IP21 D/IK04				

(1) Loss (in dB) between trunk input and trunk output

(2) Loss (in dB) between trunk input and outlet outputs

(3) When a part of the signal is sent back to the cable. It is the measure (in dB) of the reflected energy. High values mean less reflected energy

(4) Professional retail.

### TV/R/SAT center plates



		TV/R center plate	R-TV/SAT center plate
<b>Colour</b>			
<input type="checkbox"/> white		<b>S520440</b>	<b>S520441</b>
<input type="checkbox"/> aluminium		<b>S530440</b>	<b>S530441</b>
<ul style="list-style-type: none"> <li>● Compliant with TV specialists sockets (Televes, Ikusi, Mir, Triax, ...)</li> <li>● Fixed by screw.</li> </ul>			
<b>TV center plate</b>			
<b>Colour</b>			
<input type="checkbox"/> white		<b>S520645</b>	
<input type="checkbox"/> aluminium		<b>S530645</b>	
<input checked="" type="checkbox"/> anthracite		<b>S540645</b>	

## Multiservice socket

### Characteristics

- Path attenuation: < 0.8 dB for TV signal at 5 to 862 kHz
- Type of cable: coaxial
- Ambient air temperature for operation: 5 to 35 °C
- Degrees of protection: IP21 D/IK04.

Without claws

### TV + internet sockets

#### Colour

<input type="checkbox"/> white	<b>S520457</b>
<input checked="" type="checkbox"/> aluminium	<b>S530457</b>

Specified by french cable operator Numericable® to deliver ADSL services.



S520457

## Radio FM with loudspeaker

### Characteristics

- Rated operation voltage: 230 V AC
- Consumption: 2 W
- Output signal: 0.8 W (16 Ω)
- Antenna sensitivity: 3.5 μV
- Number of station pre-sets: 10
- Cables: 1.5 to 4 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 45 °C
- Standards: EN 60065:2003, EN 55013:2002, EN 55013/A1:2002,
- Degrees of protection: IP20 D/IK04.

Without claws

### Tuner FM with loudspeaker 2"

#### Colour

<input type="checkbox"/> white	<b>S520583</b>
<input checked="" type="checkbox"/> aluminium	<b>S530583</b>
<input checked="" type="checkbox"/> anthracite	<b>S540583</b>



S520583

## USB charger

### Characteristics

- Rated operation voltage: 100/240 V AC - 50/60 Hz
- Input power: 7.5 W
- Output power: 5 V DC - 1 A
- Output connectors: USB 2.0
- Cables: 1.5 to 2.5 mm<sup>2</sup> rigid/stranded/flexible
- Protection type: short-circuit protection
- Ambient air temperature for operation: - 5°C to + 40°C
- Standard: EN 60950-1, EN 62684, EN 301 489-4, EU-directive 2002/95/EC, WEEE-directive 2002/96/EC
- Electrical insulation class: class II
- Environmental characteristic: REACH Regulation (EC) N° 19072006
- Compatibility: Apple, Atmel, Emblaze mobile, Huawei Technologies, LGE, Motorola Mobility, Nokia, Qualcomm, Research in Motion, Samsung, Sony Ericsson, TCT mobile (ALCATEL) and Texas Instruments.

Without claws

### Single USB Double USB

#### Colour

<input type="checkbox"/> white	<b>S520408</b>	<b>S520409</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> aluminium	<b>S530408</b>	<b>S530409</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> anthracite	<b>S540408</b>	<b>S540409</b> <sup>(1)</sup>

- Consumption without load: < 0.1 W

- Consumption without load: < 0.2 W



S520408



S520409

<sup>(1)</sup> product availability on half of 2015.

### HDMI socket

#### Characteristics

- Electrical circuit type: video/audio
- Organization of wire: shielded twisted pair
- Cable shielding type: STP
- Product compatibility: Actissi s-one, Infraplus
- Ambient air temperature for operation: - 5 to + 40 °C
- Standards: EN50157, EN50049
- Degrees of protection: IP21/IK04.

Without claws

#### HDMI type A

#### Colour

white	<b>S520462</b> <sup>(1)</sup>
aluminium	<b>S530462</b> <sup>(1)</sup>
anthracite	<b>S540462</b> <sup>(1)</sup>

- To connect together multimedia devices (TV Box, DVD player, TV, ...) through an HDMI patch cord and an HDMI wall socket
- Supplied with 20 cm cable.

P148582



S520462

### HD15 socket

#### Characteristics

- Connector type: VGA & MMINI-JACK
- Electrical circuit type: video/audio
- Ambient air temperature for operation: - 5 to + 40 °C
- Standards:
  - UL94 : Test flammability of plastic materials
  - JIS-H3100 : Brass strip
  - JIS G3141 : Steel, sheet, and strip, SPCC
  - IEC 512-7 Test 13b : Insertion / withdraw force measurement
  - IEC 512-3 Test 5b: Current rating test.
  - IEC 998-1
  - IEC 998-2-1
- Degrees of protection: IP21/IK04.

Without claws

#### HD15 female

#### Colour

white	<b>S520463</b> <sup>(1)</sup>
aluminium	<b>S530463</b> <sup>(1)</sup>
anthracite	<b>S540463</b> <sup>(1)</sup>

- To connect together a PC or laptop with VGA display card to a video projector or any other devices with HD15 connector through an HD15 patch cord with audio stereo 3.5 mm jack plugs and HD15 female and 3.5 mm stereo jack wall sockets
- Supplied with 20 cm cable.

P148584



S520463

### Triple RCA socket

#### Characteristics

- Connector type: RCA
- Electrical circuit type: video/audio
- Ambient air temperature for operation: - 5 to + 40 °C
- Degrees of protection: IP21/IK04.

Without claws

#### RCA triple female

#### Colour

white	<b>S520464</b> <sup>(1)</sup>
aluminium	<b>S530464</b> <sup>(1)</sup>
anthracite	<b>S540464</b> <sup>(1)</sup>

To connect together multimedia devices (VCR, amplifier, ...) with composite video and audio stereo connections through a 3 x RCA patch cord and triple RCA wall sockets.

P142885



S520464

<sup>(1)</sup> product availability on half of 2015.

## Telephone sockets

### Common characteristics

- Ambient air temperature for operation: 5 to 35 °C
- Degrees of protection: IP21 D/IK04.

### RJ12 data sockets

Without claws



S520497

S520494

Colour	6 contacts, screw terminals	6 contacts, RITA, screw terminals
<input type="checkbox"/> white	<b>S520497</b>	<b>S520494</b>
<input checked="" type="checkbox"/> aluminium	<b>S530497</b>	<b>S530494</b>
	<ul style="list-style-type: none"> <li>● Standards:                             <ul style="list-style-type: none"> <li>○ EN 50173-1</li> <li>○ ISO 8877</li> <li>○ ISO/IEC 11801</li> <li>○ RD 2304/1994</li> <li>○ TIA/EIA-568.</li> </ul> </li> <li>● For refurbishment.</li> </ul>	<ul style="list-style-type: none"> <li>● Standards:                             <ul style="list-style-type: none"> <li>○ EN 50173-1</li> <li>○ ISO 8877</li> <li>○ ISO/IEC 11801</li> <li>○ RD 2304/1994</li> <li>○ TIA/EIA-568</li> </ul> </li> <li>● For residential premises refurbishment in Portugal</li> <li>● Type of cable: twisted pair.</li> </ul>

### Belgacom telephone socket

With claws



S525498

Colour	4 contacts, screw terminals
<input type="checkbox"/> white	<b>S525498</b>
	For residential premises refurbishment in Belgium.

### French telephone conjoncteur

No claws compatible



S520496

Colour	8 contacts	
<input type="checkbox"/> white	<b>S520496</b>	<b>S526496</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> aluminium	<b>S530496</b>	<b>S536496</b> <sup>(1)</sup>
<input checked="" type="checkbox"/> anthracite	<b>S540496</b>	<b>S546496</b> <sup>(1)</sup>
	<ul style="list-style-type: none"> <li>● Standards: EN 60529, CENET 28417 Ed3</li> <li>● For residential premises refurbishment in France.</li> </ul>	
	<sup>(1)</sup> Professional retail packaging (see page 27).	

## Loudspeaker sockets

### Common characteristics

- Cables: 1.5 to 2.5 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- IK degree of protection: IK04.

Without claws



S520487

S520488

Colour	Loudspeaker socket	Double loudspeaker socket
<input type="checkbox"/> white	<b>S520487</b>	<b>S520488</b>
<input checked="" type="checkbox"/> aluminium	<b>S530487</b>	<b>S530488</b>
<input checked="" type="checkbox"/> anthracite	<b>S540487</b>	<b>S540488</b>

With claws



S525487

S525488

Colour	Loudspeaker socket	Double loudspeaker socket
<input type="checkbox"/> white	<b>S525487</b>	<b>S525488</b>

## Buzzers

### Characteristics

- Rated current: 16 AX - 250 V AC 50/60 Hz
- Cables: 1.5 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- Directive: 2006/95/EC
- Standard: IEC 62080 instead of IEC 62080-1-1
- Degrees of protection: IP21 D/IK04.

Without claws

	<b>Buzzer</b>
Colour	
<input type="checkbox"/> white	<b>S520685</b>
<input checked="" type="checkbox"/> aluminium	<b>S530685</b>

With claws

	<b>Buzzer</b>
Colour	
<input type="checkbox"/> white	<b>S525685</b>



S520685



S525685

## Electronic bell

With dismantled claws



	<b>Doorbell</b>
Colour	
<input type="checkbox"/> white	<b>S520580</b>
<input checked="" type="checkbox"/> aluminium	<b>S530580</b>
<input checked="" type="checkbox"/> anthracite	<b>S540580</b>
Characteristics	
Rated operational voltage	250 V AC, 50/60 Hz
Acoustic level	70 dB/1m
Signalling type	5 melodies
Protection type	Fuse protection - 10 A
Connected auxiliaries	10 standard push-buttons connected in parallel
Number of loop terminals	1
Cables	1.5 to 4 mm <sup>2</sup> rigid/flexible/stranded cables
Ambient air temperature for operation	5 to 35 °C
Directives	<ul style="list-style-type: none"> <li>• 2006/95/EC</li> <li>• 2004/108/EC electromagnetic compatibility</li> </ul>
Standard	IEC 62080
Degrees of protection	IP21 D/IK04

# Inserts

## Complementary offer

### Blind covers

#### Common characteristics

- Ambient air temperature for operation: 5 to 35 °C
- Standard: EN 60669-1
- Directive: 2006/95/EEC
- Degrees of protection: IP21 D/IK04.

Without claws

#### Blind cover

Colour		
<input type="checkbox"/> white	<b>S520666</b>	<b>S526666</b> <sup>(1)</sup>
<input type="checkbox"/> aluminium	<b>S530666</b>	<b>S536666</b> <sup>(1)</sup>
<input type="checkbox"/> anthracite	<b>S540666</b>	<b>S546666</b> <sup>(1)</sup>

With claws

#### Blind cover

Colour		
<input type="checkbox"/> white	<b>S525666</b>	



S520666



S525666

### Cable outlets

#### Common characteristics

- Number of loop terminals: 2
- Cables: 1.5 to 2.5 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- Standards: EN 60669-1
- Directive: UTE C 61-392
- Degrees of protection: IP21C/IK04.

Without claws

#### 16 A for Ø 6-12 mm wires



Colour		
<input type="checkbox"/> white	<b>S520662</b>	<b>S526662</b> <sup>(1)</sup>
<input type="checkbox"/> aluminium	<b>S530662</b>	<b>S536662</b> <sup>(1)</sup>
<input type="checkbox"/> anthracite	<b>S540662</b>	<b>S546662</b> <sup>(1)</sup>

For electrical supply of electrical panels

With claws

#### 16 A for Ø 6-12 mm wires

Colour		
<input type="checkbox"/> white	<b>S525662</b>	

For electrical supply of electrical panels



S520662



S525662

<sup>(1)</sup> Professional retail packaging (see page 27).

### Universal cable outlets

#### Common characteristics

- Ambient air temperature for operation: 5 to 35 °C
- Standard: 2006/95/EC
- Directive: EN 60269-3-1.



S260633



S260644



ALB57288



ALB57284

		16/20 A for Ø 6-12 mm wires, IP33	16/20 A for Ø 6-12 mm wires, IPX4
Colour			
<input type="checkbox"/> white		<b>S260633</b>	<b>S260644</b>
(RAL9010)		1 cable outlet - 78 x 78 mm	
<b>16/20 A for Ø 6-12 mm wires, IP33</b>			
Colour			
<input type="checkbox"/> white		<b>ALB57288</b>	
		2 cable outlets with 4 terminals - 80 x 90 mm	
<b>32 A for Ø 11-19 mm wires, IP21</b>			
Colour			
<input type="checkbox"/> white		<b>ALB57284</b>	
		1 cable outlet without terminal with claws - 100 x 100 mm ( mounting in 85 mm box)	

### Fuse holder

#### Characteristics

- Rated operational voltage: 250 V AC 50/60 Hz
- Cables: 1.5 to 4 mm<sup>2</sup> rigid/flexible/stranded cables
- Ambient air temperature for operation: 5 to 35 °C
- Directive: 2006/95/EC
- Standard: EN 60269-3-1
- Degrees of protection: IP21 D/IK04.



S520631



S520632

#### Without claws

		Type 00 - 16 A	6 x 32 mm - 10 A
Colour			
<input type="checkbox"/> white		<b>S520631</b>	<b>S520632</b>
<input checked="" type="checkbox"/> aluminium		<b>S530631</b>	
		<ul style="list-style-type: none"> <li>• For overvoltage/overload wires and load protection</li> <li>• Requested by some local regulations.</li> </ul>	

### Claws

#### Claws kit (1 unit)



		S520690	S526690
		<ul style="list-style-type: none"> <li>• Length: 14 mm</li> <li>• Delivered in a plastic bag with 10 units.</li> </ul>	<ul style="list-style-type: none"> <li>• Length: 14 mm</li> <li>• Professional retail packaging (see page 27).</li> </ul>

#### Claws extension kit (1 unit)



		S520691
		<ul style="list-style-type: none"> <li>• To be used with claws kit ref S52x690</li> <li>• Extension length: 20 mm</li> <li>• Delivered in a plastic bag with 10 units.</li> </ul>



S520690



S520691

# PlusLink inserts

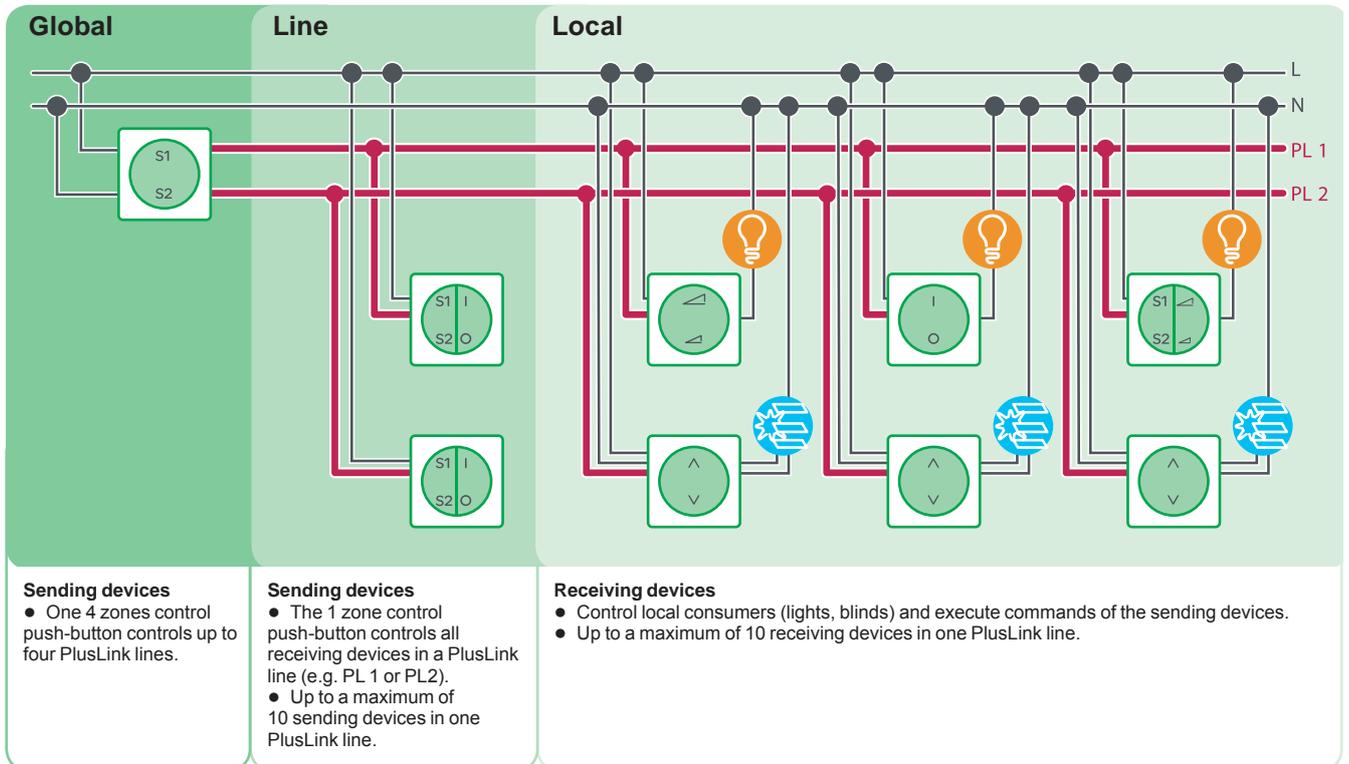
## PlusLink technology principle (example)

### Three-level functionality

Various control functions are possible on three system levels – from global to local control.

The 4 zones and 1 zone control push-buttons send commands to devices at local level only. They never control a load directly themselves.

- At global level (sending), a 4 zones control push-button controls up to four PlusLink lines. The applications like lighting control or blind control always need to be separated per PlusLink line.
- At line level (sending), the 1 zone control push-buttons control the applications in the line. We should never combine application like lighting control and blind control in one line.
- At local level (receiving), flush-mounted inserts control basic functions like switching on/off lights, dimming or create scenarios with lights and controlling blinds.



## Sending devices

With separate delivered claws



1 zone control push-button



4 zones control push-button

Colour		
<input type="checkbox"/> white	<b>S520563</b>	<b>S520564</b>
<input type="checkbox"/> aluminium	<b>S530563</b>	<b>S530564</b>
<input type="checkbox"/> anthracite	<b>S540563</b>	<b>S540564</b>
Characteristics		
Rated operational voltage	230 V AC, 50-60 Hz	
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables	
Wiring configuration	Without neutral	With neutral
LED lamp	-	2 programming possibilities: "Indicator" (red) or "Locator" (green) LED lamp
Ambient air temperature for operation	0 to + 25 °C	
Standard	EN 60669-2-1	
Degrees of protection	IP20 / IK02	

## Receiving devices

With separate delivered claws



### Blind control push-button

Colour	
<input type="checkbox"/> white	<b>S520562</b>
<input type="checkbox"/> aluminium	<b>S530562</b>
<input checked="" type="checkbox"/> anthracite	<b>S540562</b>
<b>Characteristics</b>	
Rated operational voltage	230 V AC, 50-60 Hz
Motor load	1000 W (max. 1 motor)
Wiring configuration	With neutral
LED lamp	2 programming possibilities: "Indicator" (red) or "Locator" (green) LED lamp
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables
Ambient air temperature for operation	0 to + 25 °C
Standard	EN 60669-2-1
Degrees of protection	IP20 / IK02

## Dimmers

With separate delivered claws



### Universal dimmer push-button



### Scene dimmer push-button

Colour		
<input type="checkbox"/> white	<b>S520560</b>	<b>S520565</b>
<input type="checkbox"/> aluminium	<b>S530560</b>	<b>S530565</b>
<input checked="" type="checkbox"/> anthracite	<b>S540560</b>	<b>S540565</b>
<b>Characteristics</b>		
Rated operational voltage	230 V AC, 50-60 Hz	
Protection type	<ul style="list-style-type: none"> <li>• Short circuit proof</li> <li>• Overload proof</li> </ul>	
LED lamp	2 programming possibilities: "Indicator" (red) or "Locator" (green) LED lamp	
Connected auxiliaries	Max. 10 push-buttons without light indicator	
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables	
Ambient air temperature for operation	0 to + 25 °C	
Standard	EN 60669-2-1	
Degrees of protection	IP20 / IK02	
<b>Loads</b>		
	230 V AC incandescent lamps	50- 420 W
	230 V AC halogen lamps	50- 420 W
	LV halogen lamps with electronic transformer	50- 420 VA

## Switches

With separate delivered claws



**Relay push-button**

**Electronic switch push-button**

Colour			
<input type="checkbox"/> white	<b>S520561</b>	<b>S520566</b>	
<input checked="" type="checkbox"/> aluminium	<b>S530561</b>	<b>S530566</b>	
<b>Characteristics</b>			
Rated operational voltage	230 V AC, 50-60 Hz		
Protection type	-	<ul style="list-style-type: none"> <li>• Short circuit proof</li> <li>• Overload proof</li> </ul>	
Wiring configuration	With neutral	Without neutral	
LED lamp	2 programming possibilities: "Indicator" (red) or "Locator" (green) LED lamp		
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables		
Connected auxiliaries	Max. 10 push-buttons without indicator lamp		
Ambient air temperature for operation	0 to + 25 °C		
Standard	EN 60669-2-1		
Degrees of protection	IP20 / IK02		
<b>Loads</b>			
230 V AC incandescent lamps	2200 W	50-420 W	
230 V AC halogen lamps	2000 W	50-420 W	
ELV halogen lamps with electromagnetic transformer	500 VA	50-420 VA	
LV halogen lamps with electronic transformer	500 VA	50-420 VA	
230 V AC Compact Fluorescent Lamps	100 VA	12- 100 VA	
230 V AC fluorescent lamps, parallel compensated 140 µF	10 A, 140 µF	-	
230 V AC motors, fans	1000 VA	-	

## PlusLink expander

The PlusLink expander must be integrated into one or several PlusLink lines if these are protected with at least 2 circuit breakers.

If (e.g. in the event of error or for maintenance work) one circuit breaker is triggered off, then the PlusLink expander will disconnect the PlusLink line automatically as well. This is necessary because the PlusLink line would otherwise continue to be live via the other circuit breakers.



**PlusLink expander**

**CCTDT5130**

<b>Characteristics</b>			
Rated operational voltage	230 V AC, 50-60 Hz		
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/flexible/stranded cables		
Wiring configuration	With neutral		
Device width	18 mm DIN module		
Ambient air temperature for operation	0 to + 25 °C		
Standard	EN 60669-2-1		
Degree of protection	IP20		

## Emitters

### Battery push-buttons

**Common characteristics**

- Transmission frequency: 868 MHz
- Operating distance:
  - 10...50 m indoor use
  - 300 m outdoor use
- Number of batteries: 1 CR2032 lithium battery - 3 V
- 5 to 7 years
- Service life in cycles: 20000 cycles
- Ambient air temperature for operation: - 25 to 70 °C
- Relative humidity: 20 to 95 %
- Directives: 2004/108/EC electromagnetic compatibility, 99/5/EC
- Standards: EN 61000-6-2, EN 61000-6-3, ETSI EN 300220, ETSI EN 301489
- Degrees of protection: IP20/IK02.

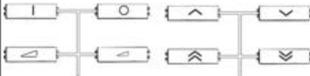


	Push-button for roller blind and light	Push-button for roller blind
Colour		
<input type="checkbox"/> white	<b>S520571</b>	<b>S520577</b>
<input type="checkbox"/> aluminium	<b>S530571</b>	<b>S530577</b>
<input type="checkbox"/> anthracite	<b>S540571</b>	<b>S540577</b>
	Supplied with: <ul style="list-style-type: none"> <li>● 1 large rocker and 2 narrow rockers</li> <li>● a set of 8 symbols to customize the rockers.</li> </ul>	Supplied with: <ul style="list-style-type: none"> <li>● 1 large rocker</li> <li>● a set of 4 symbols to customize the rocker.</li> </ul>

**More about programming**  
pages 114-115

## Combined modules

With dismantled claws

	Combined relays	Combined relays	Combined dimmer	Combined roller blind
				
	20 - 315 W, 2 wires	10 A - 2300 W, 3 wires	20 - 315 W, 2 wires	3 A - 690 W, 3 wires
				
Colour				
<input type="checkbox"/> white	S520575	S520572	S520573	S520574
<input type="checkbox"/> aluminium	S530575	S530572	S530573	S530574
<input type="checkbox"/> anthracite	S540575	S540572	S540573	S540574
Characteristics				
Supplied with	<ul style="list-style-type: none"> <li>• 1 large rocker and 2 narrow rockers</li> <li>• a set of 8 symbols to customize the rockers.</li> </ul> 			
Transmission frequency	868 MHz			
Operating distance	<ul style="list-style-type: none"> <li>• 10...50 m indoor</li> <li>• 300 m outdoor</li> </ul>			
Wiring configuration	Without neutral	With neutral	Without neutral	With neutral
Rated operational voltage	230 V AC, 50 Hz	110/230 V AC, 50/60 Hz	230 V AC, 50 Hz	110/230 V AC, 50/60 Hz
Protection type	Fuse protection			
Service life in cycles	20000 cycles			
Cables	1.5 to 2.5 mm <sup>2</sup> rigid/ flexible/ stranded cables			
Directives	<ul style="list-style-type: none"> <li>• 2006/95/EC</li> <li>• 2004/108/EC electromagnetic compatibility</li> <li>• 99/5/EC</li> </ul>			
Standards	<ul style="list-style-type: none"> <li>• EN 61000-6-2</li> <li>• EN 61000-6-3</li> <li>• ETSI EN 300220</li> <li>• ETSI EN 301489</li> </ul>			
Degrees of protection	IP20/IK02			
Ambient air temperature for operation	+ 5 to + 30 °C (1)	- 5 to + 50 °C	+ 5 to + 30 °C (1)	- 5 to + 50 °C
Relative humidity	20 to 95 %			
Loads				
 230 V AC incandescent lamps	20 - 315 W	2300 W	20 - 315 W	-
 230 V AC halogen lamps	20 - 315 W	2000 W	20 - 315 W	-
 230 V/12 V AC halogen lamps with ferromagnetic transformer (non toroidal)	20 - 270 VA	500 VA	20 - 270 VA	-
 230 V/12 V AC halogen lamps with electronic transformer	20 - 315 VA	500 VA	20 - 315 VA	-
 230 V/12 V AC halogen lamps with toroidal transformer	20 - 270 VA	500 VA	20 - 270 VA	-
 230 V AC fluorescent tubes Ø 28 or Ø 38 mm (48 µF)	-	920 VA	-	-
 230 V AC Compact Fluorescent Lamps	-	880 VA	-	-
 230 V AC motors, fans	-	690 VA	-	-
 230 V AC single phase tubular motors for roller blind (with or without limit switches)	-	-	-	690 VA

(1) 30 to 50 °C for derating curve.

## Receivers

### Mobile socket-outlets relay (On/Off)



### Mobile socket-outlets dimmer



	German type mobile socket-outlet	French type mobile socket-outlet	German type mobile socket-outlet	French type mobile socket-outlet
Colour				
<input type="checkbox"/> white	CCT1A020	CCT1A022	CCT1A021	CCT1A023
Characteristics				
Wiring device additional information	With one key for local control			
Transmission frequency	868 MHz			
Operating distance	<ul style="list-style-type: none"> <li>• 10...50 m indoor</li> <li>• 300 m outdoor</li> </ul>			
Rated operational voltage	230 V AC $\pm$ 10 %, 50 Hz			
Outlet poles configuration	2P + side E (German type)	2P + pin E (French type)	2P + side E (German type)	2P + pin E (French type)
Protection type	-	-	<ul style="list-style-type: none"> <li>• Damage protection from inappropriate load</li> <li>• Overload protection</li> <li>• Short-circuit protection</li> <li>• Temperature rise protection</li> </ul>	
Directives	<ul style="list-style-type: none"> <li>• 2006/95/EC</li> <li>• 2004/108/EC electromagnetic compatibility</li> <li>• 99/5/EC</li> </ul>			
Standards	<ul style="list-style-type: none"> <li>• EN 60669-1</li> <li>• EN 60669-2-1</li> <li>• EN 61000-6-2</li> <li>• EN 61000-6-3</li> <li>• ETSI EN 300220</li> <li>• ETSI EN 301489</li> </ul>			
Ambient air temperature for operation	- 5 to + 50 °C		- 5 to + 30 °C (1)	
Relative humidity	20 to 95 %			
Degree of protection	IP20			
<b>Loads</b>				
230 V AC incandescent lamps		2300 W		250 W
230 V AC halogen lamps		2300 W		250 W
230/12 V AC halogen lamps with ferromagnetic transformer (non toroidal)		1840 VA		250 VA
230 V/12 V AC halogen lamps with electronic transformer		1840 VA		250 VA
230 V AC fluorescent tubes $\varnothing$ 28 or $\varnothing$ 38 mm (100 $\mu$ F)		1840 VA, $\cos \varphi \geq 0,9$		-
230 V AC Compact Fluorescent Lamps		1840 VA		-
230 V AC motors, ventilators		1380 VA		250 VA

(1) 30 to 50 °C for derating curve.

## Remote controls

### Common characteristics

- Transmission frequency: 868.3 MHz
- Operating distance:
  - 10 to 50 m indoor
  - 300 m outdoor
- Directives: 99/5/EC, 2004/108/EC electromagnetic compatibility
- Standards: EN 61000-6-2, EN 61001-6-3, ETS 300220-1, ETS 300220-2, IEC 60068-2-27, IEC 60068-2-6
- Ambient air temperature for operation: - 5 to 50 °C
- Relative humidity: 20 to 95 %
- Degree of protection: IP20.

### Metal remote control

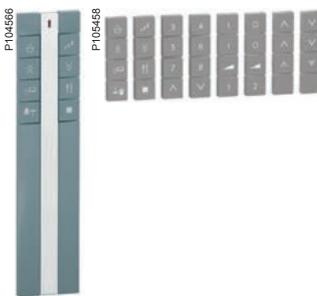
#### 8 keys to be customized

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.



CCT1A000

### 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
- Number of batteries: 1 CR2032 lithium battery - 3 V, 5 to 7 years.



CCT1A010

## Universal modules



P104585



P104586

	Universal emitter	Universal receiver relay
Colour		
<input type="checkbox"/> white	<b>CCT1A030</b>	-
<input checked="" type="checkbox"/> grey	-	<b>CCT1A031</b>
Characteristics		
Informations	<ul style="list-style-type: none"> <li>● Avoid to install the universal emitter in a metal box</li> <li>● Converts mechanical push-button into a wireless emitter</li> <li>● 4 RF channels</li> <li>● Never install the universal emitter in a flush mounted box with 230 V cables</li> <li>● Supplied with a lithium battery</li> <li>● Never use switches, only push-buttons.</li> </ul>	Flush mounted or hidden in the ceiling
Transmission frequency	868.3 MHz	
Operating distance	<ul style="list-style-type: none"> <li>● 10 to 50 m indoor</li> <li>● 300 m outdoor</li> </ul>	
Number of batteries	1 CR2032 lithium battery - 3 V, 5 to 7 years	-
Rated operational voltage	-	110/230 V AC $\pm$ 10 %, 50/60 Hz
Protection type	-	Fuse protection
Load interrupting current	-	<ul style="list-style-type: none"> <li>● 3 A engine</li> <li>● 10 A light</li> </ul>
Directives	<ul style="list-style-type: none"> <li>● 2004/108/EC electromagnetic compatibility</li> <li>● 99/5/EC</li> </ul>	<ul style="list-style-type: none"> <li>● 2004/108/EC electromagnetic compatibility</li> <li>● 99/5/EC</li> </ul>
Standards	<ul style="list-style-type: none"> <li>● EN 61000-6-2</li> <li>● EN 61000-6-3</li> <li>● ETSI EN 300220</li> <li>● ETSI EN 301489</li> </ul>	<ul style="list-style-type: none"> <li>● EN 60669-1</li> <li>● EN 60669-2-1</li> <li>● EN 61000-6-2</li> <li>● EN 61000-6-3</li> <li>● ETSI EN 300220</li> <li>● ETSI EN 301489</li> </ul>
Ambient air temperature for operation	- 5 to + 50 °C	
Relative humidity	20 to 95 %	
Degree of protection	-	IP20
Loads		
230 V AC incandescent lamps	-	5-2300 W
230 V AC halogen lamps	-	5-2000 W
LV halogen lamps with ferromagnetic transformer	-	5-500 VA
LV halogen lamps with electronic transformer	-	5-500 VA
LV halogen lamps with toroidal transformer	-	5-500 VA
230 V AC fluorescent tube	-	5-920 VA
230 V AC Compact Fluorescent Lamps	-	5-880 VA
230 V AC motors, fans	-	5-690 VA

## Complementary offer

### Test kit

#### Characteristics

- Transmission frequency: 868.3 MHz
- Operating distance:
  - 10 to 50 m indoor
  - 300 m outdoor
- Status LED:
  - LED green high signal level
  - LED orange medium signal level
  - LED red low signal level
- Number of batteries: 2 CR2032 lithium battery - 3 V, 5 to 7 years
- Directives: 2004/108/EC electromagnetic compatibility, 99/5/EC
- Standards: EN 61000-6-2, EN 61001-6-3, ETSI EN 300220, ETSI EN 301489
- Ambient air temperature for operation: - 5 to 50 °C
- Relative humidity: 20 to 95 %
- Degree of protection: IP20.



CCT1A090



S520570

	<b>RF signal tester</b>
Colour	
■ dark grey	<b>CCT1A090</b>
	Kit content: 2 testers to check the quality of the RF signal transmission between two product locations.

#### Accessories

	<b>Set of 24 scenario symbols</b>
Colour	
□ white	<b>S520570</b>
■ aluminium	<b>S530570</b>

**Characteristics**

- Directive: 2006/95/EC
- Standard: EN 60670-1
- Degrees of protection: IP21 D/IK04.



S520762



S520764

	1 gang	2 gang
	NF	NF
Colour		
<input type="checkbox"/> white	<b>S520762</b>	<b>S520764</b>
	Dimensions (H x W x D): 85 x 85 x 37 mm	Dimensions (H x W x D): 85 x 156 x 37 mm





# Odace



P122572\_and

## Styl

Style was never  
this easy

# Cover frames

## Odace Styl



### Characteristics

- Directive: 2006/95/EC
- Degrees of protection: IP21 D/IK04.

		White	Stone	Grey
1 gang		S520702	S523702P <sup>(1)</sup>	S520702B1
2 gang		71 mm, horizontal or vertical installation	S520704	S520704B1
		57 mm, vertical installation	S520714	S520714B1
3 gang		71 mm, horizontal or vertical installation	S520706	S520706B1
		57 mm interaxis, vertical installation	S520716	S520716B1
4 gang		S520708	S520708B1	S520708A1

(1) Efficient packaging for the job. 100 pcs packaging (minimum order 100 pcs).  
Minimum environmental impact & volume.

## Accessories



	Accessory mobile	Accessory key holder	Clip	Label holder + LED lamp
1 gang				
Characteristics	S520712	S520722	S520742	S520732 S520739
Directive:	2006/95/EC			
Standard	EN 60669-1, NBN C 61-112-1, NF C 61-314 2002, UNE 20315-1-1			
Degrees of protection	IP21 D/IK04			
	-	-	-	-

(1) also compatible with Odace You and Odace Touch

Amber	Verde	Cian	Purple	Aluminium	Anthracite
					
S520702G	S520702H	S520702C	S520702D	S520702E	S540702
S520704G	S520704H	S520704C	S520704D	S520704E	S540704
S520714G	S520714H	S520714C	S520714D	S520714E	S540714
S520706G	S520706H	S520706C	S520706D	S520706E	S540706
S520716G	S520716H	S520716C	S520716D	S520716E	S540716
S520708G	S520708H	S520708C	S520708D	S520708E	S540708

Cover	IP44 cover with a flexible transparent protection cap
	
S520752	S520772 <sup>(1)</sup>
2006/95/EC	2006/95/EC
EN 60669-1, NBN C 61-112-1, NF C 61-314 2002, UNE 20315-1-1	-
IP21 D/IK04	IP44/IK04
<p>Only compatible with the following references:</p> <ul style="list-style-type: none"> <li>● Socket-outlets: S5x0033 / S5x0037 / S5x0039 / S5x0049 / S5x0057 / S5x0059/ S520A59 / S5x0099</li> <li>● RJ: S5x0471 / S5x0475 / S5x0476 / S5x0481 / S5x0485 / S5x0486</li> <li>● TV/R/SAT: S5x0440 / S5x0441 / S5xx445 / S5x0446 / S5x0451 / S5x0452 / S5x0453 / S5x0454 / S5x0455 / S5x0456 / S5x0460 / S5x0461 / S525469</li> <li>● Telephone: S5x0494 / S5x0496 / S5x0497</li> <li>● Buzzer: S5xx685</li> <li>● Electronic bell: S5x0580</li> <li>● Blind cover: S5x0666</li> </ul>	<ul style="list-style-type: none"> <li>● Protects the function while allowing the operation through the protection cap</li> <li>● If the function is a socket-outlet, the cover may be lifted to plug in a pin</li> <li>● Not compatible with the following references: <ul style="list-style-type: none"> <li>○ Rotary electronic dimmers: S5x0511 / S5x0515 / S5x0518</li> <li>○ Presence movement detectors: S5x0524 / S5x0525</li> <li>○ Key card switches: S5xx283</li> <li>○ Thermostats: S5x0500 / S5x0501 / S5x0507 / S5x0509</li> <li>○ Socket-outlets: S5x1087 / S5x1089</li> <li>○ R-TV/SAT cover plates: S5x0440 / S5x0441</li> <li>○ Multiservice sockets: S5x0457</li> <li>○ Loudspeaker sockets: S5xx487 / S5xx488</li> <li>○ Cable outlets: S5xx662</li> <li>○ Fuse holders: S5x0631 / S5x0632</li> <li>○ PlusLink sending devices: S5x0563 / S5x0564</li> <li>○ receiving devices: S5x0560 / S5x0562</li> <li>○ dimmers: S5x0565</li> <li>○ switches: S5x0561 / S5x0566</li> </ul> </li> </ul>



# Odace



P122575\_end

# Touch

Designed  
with feeling

# Cover frames

## Odace Touch

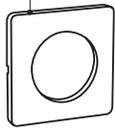
### White border



#### Characteristics

- Directive: 2006/95/EC
- Standard: EN 60669-1, NBN C 61-112-1, NF C 61-314, UNE 20315-1-1
- Degrees of protection: IP21 D//IK04.

white border



		White	Metal brushed aluminium	Metal martele aluminium
1 gang				
2 gang		<b>S520802</b>	<b>S520802J</b>	<b>S520802K</b>
2 gang		71 mm, horizontal or vertical installation	<b>S520804</b>	<b>S520804J</b>
		57 mm, vertical installation	<b>S520814</b>	<b>S520814J</b>
3 gang		71 mm, horizontal or vertical installation	<b>S520806</b>	<b>S520806J</b>
		57 mm interaxis, vertical installation	<b>S520816</b>	<b>S520816J</b>
4 gang		71 mm, horizontal or vertical installation	<b>S520808</b>	<b>S520808J</b>
		Metal brushed bronze	Wood nordic	Wood nature
1 gang				
2 gang		<b>S520802L</b>	<b>S520802M</b>	<b>S520802N</b>
2 gang		71 mm, horizontal or vertical installation	<b>S520804L</b>	<b>S520804M</b>
		57 mm, vertical installation	<b>S520814L</b>	<b>S520814M</b>
3 gang		71 mm, horizontal or vertical installation	<b>S520806L</b>	<b>S520806M</b>
		57 mm interaxis, vertical installation	<b>S520816L</b>	<b>S520816M</b>
4 gang		71 mm, horizontal or vertical installation	<b>S520808L</b>	<b>S520808M</b>
		Translucide white	Stone sea	
1 gang				
2 gang		<b>S520802R</b>	<b>S520802U</b>	
2 gang		71 mm, horizontal or vertical installation	<b>S520804R</b>	
		57 mm, vertical installation	<b>S520814R</b>	
3 gang		71 mm, horizontal or vertical installation	<b>S520806R</b>	
		57 mm interaxis, vertical installation	<b>S520816R</b>	
4 gang		71 mm, horizontal or vertical installation	<b>S540808R</b>	
			<b>S520808U</b>	

# Cover frames

## Odace Touch

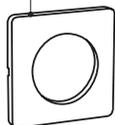
### Aluminium border



#### Characteristics

- Directive: 2006/95/EC
- Standard: EN 60669-1, NBN C 61-112-1, NF C 61-314, UNE 20315-1-1
- Degrees of protection: IP21 D/IK04.

aluminium border



		Painted aluminium	Metal brushed aluminium	Aluminium brushed croco
1 gang				
2 gang		<b>S530802</b>	<b>S530802J</b>	<b>S530802J1</b>
2 gang		71 mm, horizontal or vertical installation	<b>S530804</b>	<b>S530804J</b>
		57 mm, vertical installation	<b>S530814</b>	<b>S530814J</b>
3 gang		71 mm, horizontal or vertical installation	<b>S530806</b>	<b>S530806J</b>
		57 mm interaxis, vertical installation	<b>S530816</b>	<b>S530816J</b>
4 gang		71 mm, horizontal or vertical installation	<b>S530808</b>	<b>S530808J</b>
		Aluminium glossy fumé	Wood wengue	Black astrakhan oak
1 gang				
2 gang		<b>S530802K1</b>	<b>S530802P</b>	<b>S530802P1</b>
2 gang		71 mm, horizontal or vertical installation	<b>S530804K1</b>	<b>S530804P</b>
		57 mm, vertical installation	<b>S530814K1</b>	<b>S530814P</b>
3 gang		71 mm, horizontal or vertical installation	<b>S530806K1</b>	<b>S530806P</b>
		57 mm interaxis, vertical installation	<b>S530816K1</b>	<b>S530816P</b>
4 gang		71 mm, horizontal or vertical installation	<b>S530808K1</b>	<b>S530808P</b>
		Translucide ice green	Stone ardoise	
1 gang				
2 gang		<b>S530802S</b>	<b>S530802V</b>	
2 gang		71 mm, horizontal or vertical installation	<b>S530804S</b>	
		57 mm, vertical installation	<b>S530814S</b>	
3 gang		71 mm, horizontal or vertical installation	<b>S530806S</b>	
		57 mm interaxis, vertical installation	<b>S530816S</b>	
4 gang		71 mm, horizontal or vertical installation	<b>S530808S</b>	
			<b>S530808V</b>	

# Cover frames

## Odace Touch

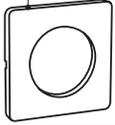
### Anthracite border



**Characteristics**

- Directive: 2006/95/EC
- Standard: EN 60669-1, NBN C 61-112-1, NF C 61-314, UNE 20315-1-1
- Degrees of protection: IP21 D//IK04.

anthracite border



		Aluminium	Metal brushed aluminium	Glossy fumé
1 gang		 P142816	 P142820	 P142821
2 gang	71 mm, horizontal or vertical installation	<b>S540802</b>	<b>S540802J</b>	<b>S540802K1</b>
	57 mm, vertical installation	<b>S540804</b>	<b>S540804J</b>	<b>S540804K1</b>
3 gang	71 mm, horizontal or vertical installation	<b>S540814</b>	<b>S540814J</b>	<b>S540814K1</b>
	57 mm interaxis, vertical installation	<b>S540806</b>	<b>S540806J</b>	<b>S540806K1</b>
4 gang	71 mm, horizontal or vertical installation	<b>S540816</b>	<b>S540816J</b>	<b>S540816K1</b>
		<b>S540808</b>	<b>S540808J</b>	<b>S540808K1</b>
		Bronz	Wood frene	Pebble stone
1 gang		 P142822	 P142823	 P142825
2 gang	71 mm, horizontal or vertical installation	<b>S540802L</b>	<b>S540802P3</b>	<b>S540802U</b>
	57 mm, vertical installation	<b>S540804L</b>	<b>S540804P3</b>	<b>S540804U</b>
3 gang	71 mm, horizontal or vertical installation	<b>S540814L</b>	<b>S540814P3</b>	<b>S540814U</b>
	57 mm interaxis, vertical installation	<b>S540806L</b>	<b>S540806P3</b>	<b>S540806U</b>
4 gang	71 mm, horizontal or vertical installation	<b>S540816L</b>	<b>S540816P3</b>	<b>S540816U</b>
		<b>S530808L</b>	<b>S540808P3</b>	<b>S540808U</b>
		Stone ardoise	Wood zebrano	
1 gang		 P142826	 P148788	
2 gang	71 mm, horizontal or vertical installation	<b>S540802V</b>	<b>S540802P4</b>	
	57 mm, vertical installation	<b>S540804V</b>	<b>S540804P4</b>	
3 gang	71 mm, horizontal or vertical installation	<b>S540814V</b>	<b>S540814P4</b>	
	57 mm interaxis, vertical installation	<b>S540806V</b>	<b>S540806P4</b>	
4 gang	71 mm, horizontal or vertical installation	<b>S540816V</b>	<b>S540816P4</b>	
		<b>S540808V</b>	<b>S540808P4</b>	

# Cover frames

## Odace Touch Signature

This offer is for specific cases and subject to a minimum order quantity <sup>(1)</sup>.

White, aluminum or anthracite border.

Finitions Oberflex  




M5 Striated aluminum 4151H



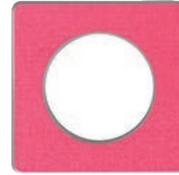
W24 Oak aged 312 mat



W11 Oak floated 31 mat



W15 Zebrano matte white powder



W12 Sycamore pop pink satin



W20 Gouged satin sapelli



M6 4042 brushed bronze croco



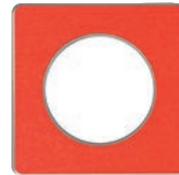
W6 US brushed elm



W19 T19 mahogany natural satin



W5 Zebrano matte T6



W13 Sycamore pop orange satin



W21 310 oak ash mat gouged



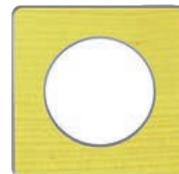
W23 Ash wire brushed



W16 Rosewood Pao Ferro mat



W7 Brushed nutmeg



W14 Sycamore pop yellow satin



W9 Brushed star anise



W22 Steamed beech matt



W18 416 swamp oak stained brushed



W8 Brushed césame



W10 US walnut matt T266



W17 Ash OD 703 relief

Available cover frames:

- 1 gang
- 2 gang (71 mm, horizontal or vertical installation)
- 3 gang (71 mm, horizontal or vertical installation)

(1) For more details, ask to your help desk.



# Odace



# You

Designed  
by you

# Cover frames

## Odace You Solid



### Characteristics

- Directive: 2006/95/EC
- Standard: EN 60669-1, NBN C 61-112-1, NF C 61-314, UNE 20315-1-1
- Degrees of protection: IP21 D//IK04.

### Solid black



□ for white insert



■ for aluminium insert



■ for anthracite insert

			□ for white insert	■ for aluminium insert	■ for anthracite insert
1 gang			<b>S520902Z</b>	<b>S530902Z</b>	<b>S540902Z</b>
2 gang		71 mm, horizontal or vertical installation	<b>S520904Z</b>	<b>S530904Z</b>	<b>S540904Z</b>
		57 mm, vertical installation	<b>S520914Z</b>	<b>S530914Z</b>	<b>S540914Z</b>
3 gang		71 mm, horizontal or vertical installation	<b>S520906Z</b>	<b>S530906Z</b>	<b>S540906Z</b>
		57 mm interaxis, vertical installation	<b>S520916Z</b>	<b>S530916Z</b>	<b>S540916Z</b>
4 gang		71 mm, horizontal or vertical installation	<b>S520908Z</b>	<b>S530908Z</b>	<b>S540908Z</b>

# Cover frames

## Opace You Evolutive



### Characteristics

- Directive: 2006/95/EC
- Standard: EN 60669-1, NBN C 61-112-1, NF C 61-314, UNE 20315-1-1
- Degrees of protection: IP21 D/IK04.



		for white insert S520902W	for aluminium insert S530902W	for anthracite insert S540902W
1 gang				
2 gang		71 mm, horizontal or vertical installation 57 mm, vertical installation	S520904W S520914W	S530904W S530914W
3 gang		71 mm, horizontal or vertical installation 57 mm interaxis, vertical installation	S520906W S520916W	S530906W S530916W
4 gang		71 mm, horizontal or vertical installation	S520908W	S530908W

### Decorative veneers palette



		for white insert S5209421	for aluminium insert S5309421
1 gang			
2 gang		71 mm, horizontal or vertical installation 57 mm, vertical installation	S5209441 S5209541
3 gang		71 mm, horizontal or vertical installation 57 mm interaxis, vertical installation	S5209461 S5209561
4 gang		71 mm, horizontal or vertical installation	S5209481



S520900

### Decal functional kit

S520900

Set of symbols stickers to customize Opace You cover frames.

Schneider Electric defines a Green Premium product by the following four criteria:

- An environmental declaration (or Product Environmental Profile);
- An end-of-life instruction guide;
- A list of the substances of concern specified in the European REACH Directive;
- The product does not contain levels of lead, chromium, cadmium, mercury, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) above the thresholds specified by the European RoHS directive.

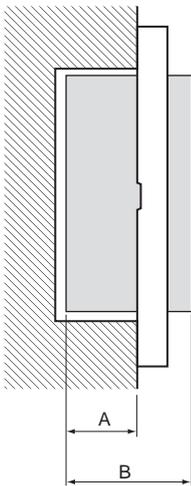
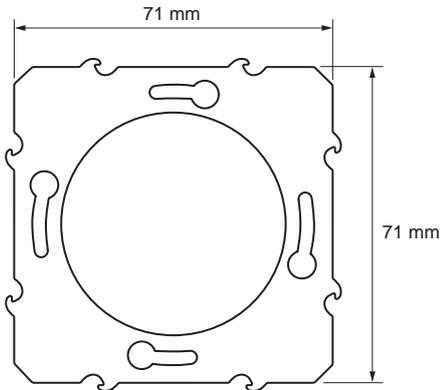
Schneider Electric's objectives:

- be transparent with respect to the environmental impacts of the products it sells to its customers;
- optimise product end-of-life recycling;
- restrict the use of substances of concern.

## List of Green Premium products

S5x0006	S5x0494	S520714G	S520816N	S540814P3
S5x0033	S5x0496	S520714H	S520816R	S540814P4
S5x0037	S5x0497	S5x0716	S5x0816U	S540814T
S5x0039	S520500	S520716A1	S520900	S540814V
S5x0049	S5x0501	S520716B1	S5x0902W	S540816K1
S5x0057	S5x0507	S520716D	S5x0902Z	S540816P3
S5x0059	S520509	S520716E	S5x0904W	S540816P4
S5xx099	S5x0511	S520716G	S5x0904Z	S540816T
S5x0201	S5x0515	S520716H	S5x0906W	S540816V
S5x0203	S5x0518	S520722	S5x0906Z	
S5x0204	S5x0524	S520732	S5x0908W	
S5x0205	S5x0525	S520739	S5x0908Z	
S5x0206	S5x0535	S520742	S5x0914W	
S5x0207	S5x0571	S520752	S5x0914Z	
S5x0208	S5x0572	S520762	S5x0916W	
S5x0211	S5x0573	S520764	S5x0916Z	
S5x0213	S5x0574	S520772	S5x09421	
S5x0214	S5x0575	S5x0802	S5x09441	
S5x0216	S5x0577	S5x0802J	S5x09461	
S5x0227	S5x0580	S520802K	S5x09481	
S5x0233	S5x0583	S5x0802L	S5x09541	
S5x0243	S5x0631	S520802M	S5x09561	
S5x0246	S520632	S520802N	S5x0A59	
S5x0256	S5x0662	S520802R	S521089	
S5x0262	S5x0666	S5x0802U	S523059	
S5x0263	S5x0685	S5x0804	S523204P	
S5x0266	S5x0690	S5x0804J	S526033	
S5x0273	S520691	S520804K	S5x6206	
S5x0276	S5x0702	S5x0804L	S5x6207	
S5x0283	S520702A1	S520804M	S5x6208	
S520284	S520702B1	S520804N	S5x6214	
S5x0285	S520702D	S520804R	S5x6216	
S5x0290	S520702E	S5x0804U	S526233	
S520291	S520702G	S5x0806	S5x6276	
S520292	S520702H	S5x0806J	S5x6445	
S520293	S5x0704	S520806K	S5x6471	
S5x0296	S520704A1	S5x0806L	S5x6476	
S5x0297	S520704B1	S520806M	S5x6496	
S5x0298	S520704D	S520806N	S5x6662	
S520299	S520704E	S520806R	S5x6666	
S5x0400	S520704G	S5x0806U	S5x6685	
S5x0408	S520704H	S5x0808	S540802K1	
S5x0410	S5x0706	S5x0808J	S540802P3	
S5x0440	S520706A1	S520808K	S540802P4	
S5x0441	S520706B1	S5x0808L	S540802T	
S5x0445	S520706D	S520808M	S540802V	
S5x0446	S520706E	S520808N	S540804K1	
S5x0451	S520706G	S520808R	S540804P3	
S5x0453	S520706H	S5x0808U	S540804P4	
S5x0454	S5x0708	S5x0814	S540804T	
S5x0455	S520708A1	S5x0814J	S540804V	
S5x0456	S520708B1	S520814K	S540806K1	
S5x0457	S520708D	S5x0814L	S540806P3	
S5x0460	S5x0708E	S520814M	S540806P4	
S5x0461	S520708G	S520814N	S540806T	
S5x0471	S520708H	S520814R	S540806V	
S5x0475	S520712	S5x0814U	S540808K1	
S5x0481	S5x0714	S5x0816	S540808P3	
S5x0485	S520714A1	S5x0816J	S540808P4	
S5x0486	S520714B1	S520816K	S540808T	
S5x0487	S520714D	S5x0816L	S540808V	
S5x0488	S520714E	S520816M	S540814K1	

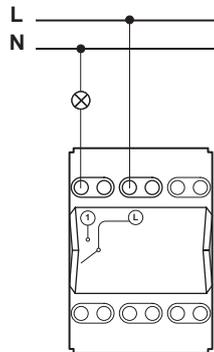
# Dimensions



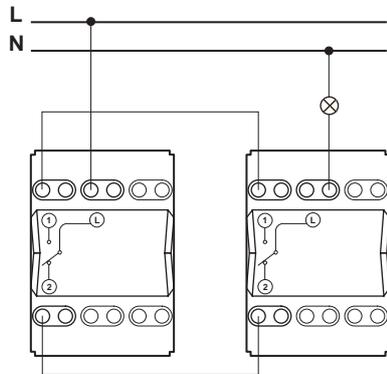
Ref.	Embedding depth (A)	Depth (B)			
S5x0033	26.5	36.7	S5x0511	29.3	49.5
S5x0037	29.5	39.7	S5x0512	29.3	49.5
S5x0039	26.5	36.7	S5x0515	29.3	49.5
S5x0049	29	39.2	S5x0518	29.3	49.5
S5x0057	31.3	41.5	S5x0524	32	50.3
S5x0059	28	38.2	S5x0525	32	50.3
S5x0099	26.5	36.7	S5x0535	33	47.5
S5x0201	18.8	33.6	S5x0560	26.6	33.9
S5x0203	18.8	33.6	S5x0561	26.6	33.9
S5x0204	18.8	33.6	S5x0562	26.6	33.9
S5x0205	18.8	33.6	S5x0563	26.6	33.9
S5x0206	18.8	33.6	S5x0564	26.6	33.9
S5x0207	31.2	43	S5x0565	26.6	33.9
S5x0208	31.2	43	S5x0566	26.6	33.9
S5x0211	18.8	33.6	S5x0571	0	14
S5x0213	18.8	33.6	S5x0572	33	46
S5x0214	18.8	33.6	S5x0573	33	46
S5x0216	18.8	33.6	S5x0574	33	46
S5x0227	18.8	33.6	S5x0575	33	46
S5x0233	18.8	33.6	S5x0577	0	14
S5x0243	31.2	45.5	S5x0580	32	42.2
S5x0246	18.8	33.6	S5x0583 (tuner)	32	46
S5x0256	18.8	33.6	S5x0583 (LS)	26.2	37.3
S5x0262	18.8	33.6	S5x0631	30.3	33.7
S5x0263	18.8	33.6	S520632	35	45.7
S5x0266	18.8	33.6	S5x0662	11.7	37.7
S5x0273	18.8	33.6	S5x0666	10.2	21.6
S5x0276	18.8	33.6	S5x0685	30.8	41
S5x0283	18.8	37.5	S5x0A59	28	43.4
S5x0284	18.8	33.6	S5x1037	29.5	45.4
S5x0285	18.8	33.6	S5x1087	27.1	49
S5x0296	18.8	33.6	S5x1089	27.1	46.5
S5x0400	18.4	28.6	S5x3059	28	43.4
S5x0408	31.1	41.3	S5x3204	18.8	34.8
S5x0409	30.8	41.5	S5x5033	26.5	42.5
S5x0410	18.4	28.6	S5x5039	26.5	42.5
S5x0445	18.1	28.3	S5x5201	26.5	42
S5x0446	18.1	32	S5x5203	26.5	42
S5x0451	24.2	34.4	S5x5204	26.5	42
S5x0452	24.2	34.4	S5x5205	26.5	42
S5x0453	24.2	34.4	S5x5206	26.5	42
S5x0454	24.2	38.8	S5x5207	31.2	43
S5x0455	24.2	38.8	S5x5208	31.2	43
S5x0456	24.2	38.8	S5x5213	26.5	42
S5x0457	25.7	40.5	S5x5214	26.5	42
S5x0460	24.2	38.8	S5x5216	26.5	42
S5x0461	24.2	38.8	S5x5227	26.5	42
S5x0462	25.7	41.7	S5x5243	31.2	45.5
S5x0463	25.7	41.7	S5x5246	26.5	42
S5x0464	19	28	S5x5262	26.5	42
S5x0471	25.5	35.7	S5x5266	26.5	42
S5x0475	25.5	35.7	S5x5272	26.5	42
S5x0476	27.6	37.8	S5x5276	26.5	42
S5x0481	25.5	35.7	S5x5283	26.5	45.2
S5x0485	25.5	35.7	S5x5284	26.5	42
S5x0486	27.6	37.8	S5x5445	26.5	42
S5x0488	20	38	S5x5469	26.5	42
S5x0494	11.7	21.9	S5x5471	26.5	42
S5x0496	11.7	21.9	S5x5476	27.6	37.8
S5x0497	11.7	21.9	S5x5486	27.6	37.8
S5x0500	30.6	47.5	S5x5488	26.5	42
S5x0501	33	50.9	S5x5498	30.5	46.5
S5x0507	33	50.9	S5x5662	26.5	53.8
S5x0508	32	47	S5x5666	10.2	36.6
S5x0509	32	47	S525685	30.8	41
			S5x5A59	27.4	43.4

## Switches and push-buttons

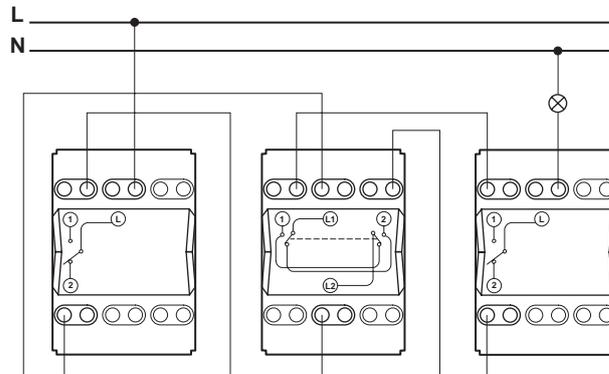
### Connection examples



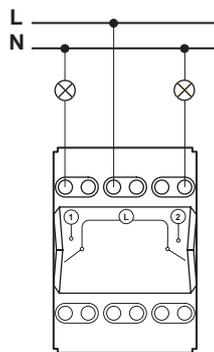
One-way switch



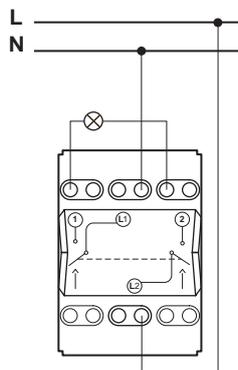
2 two-way switches



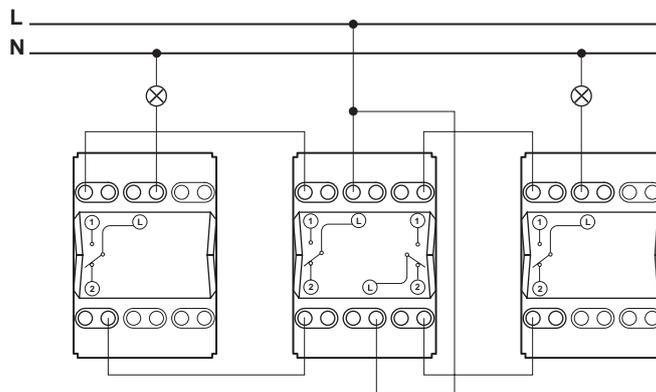
2 two-way switches + 1 intermediate switch



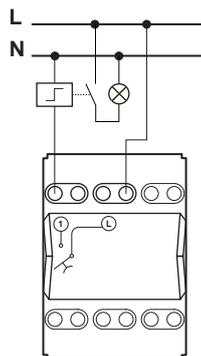
Double one-way switch



Double pole switch



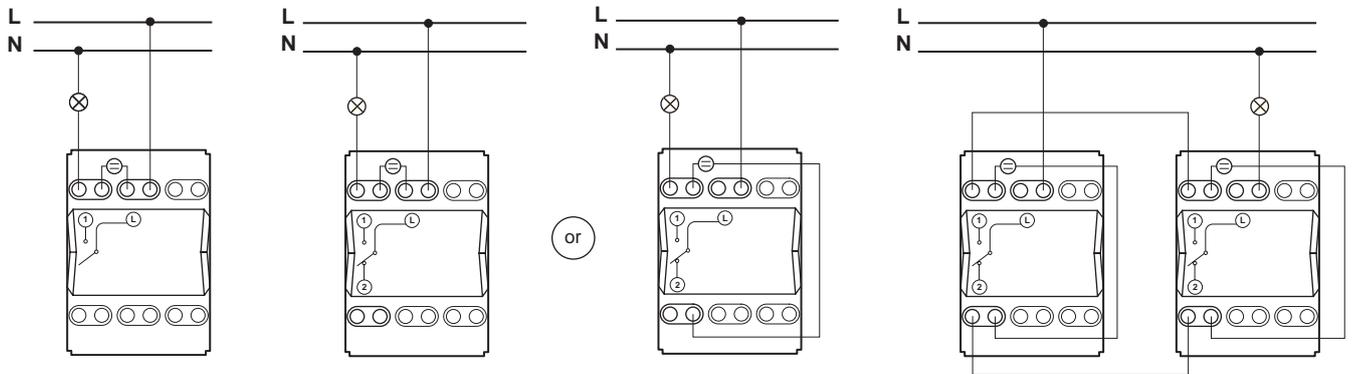
2 two-way switches + 1 double two-way switch acting on two different loads



Push-button

# Switches and push-buttons with locator lamps

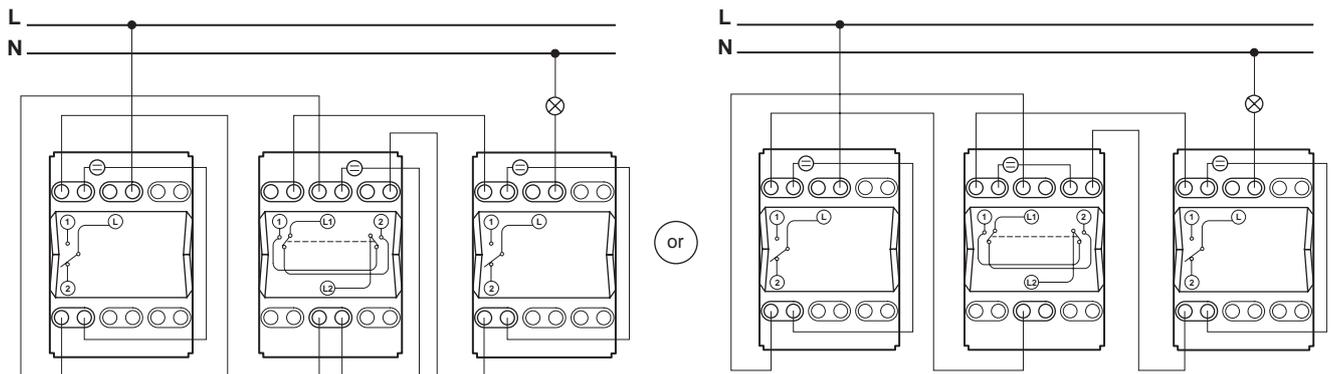
## Connection examples



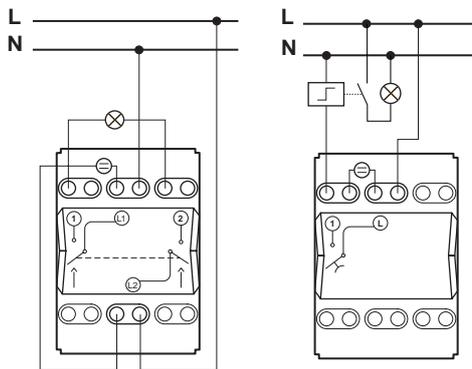
One-way switch with locator lamp

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

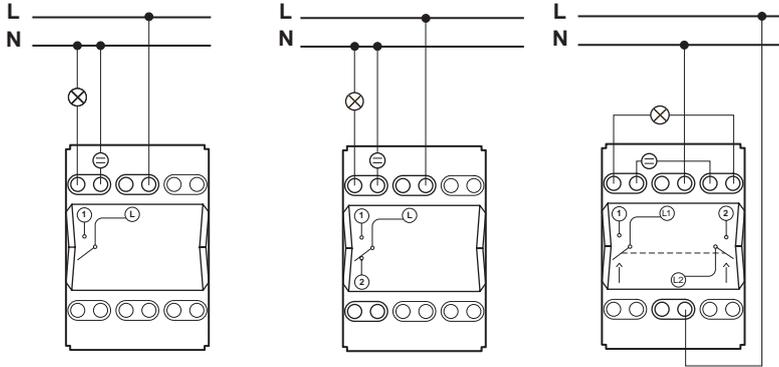


Double pole switch with locator lamp

Push-button with locator lamp

## Switches and push-buttons with indicator lamps

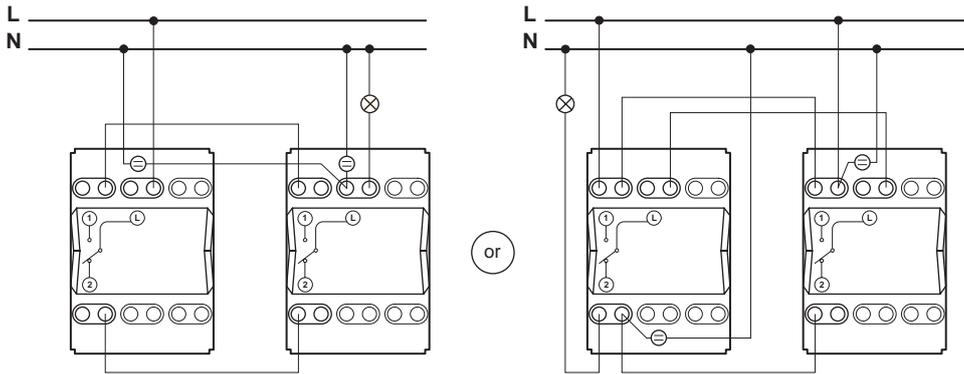
### Connection examples



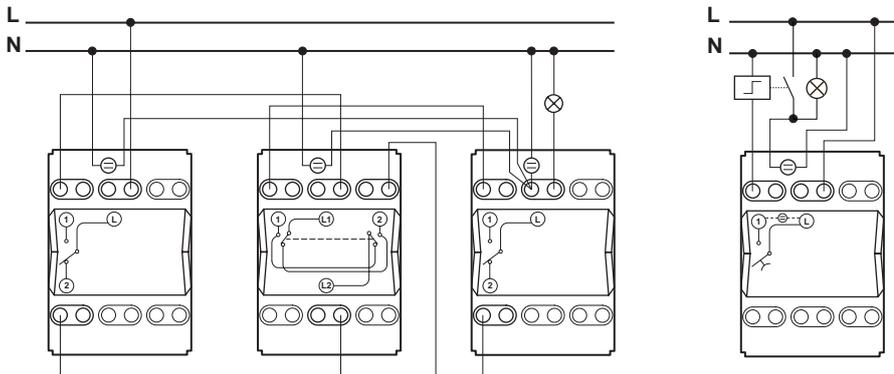
One-way with indicator lamp

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

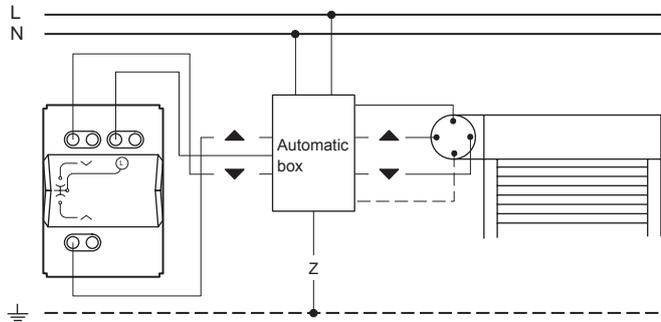


2 two-way switches + 1 intermediate switch with indicator lamps

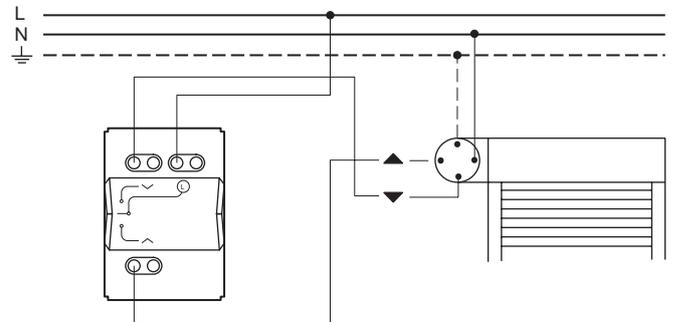
Push-button with indicator lamp

# Mechanisms for roller blinds

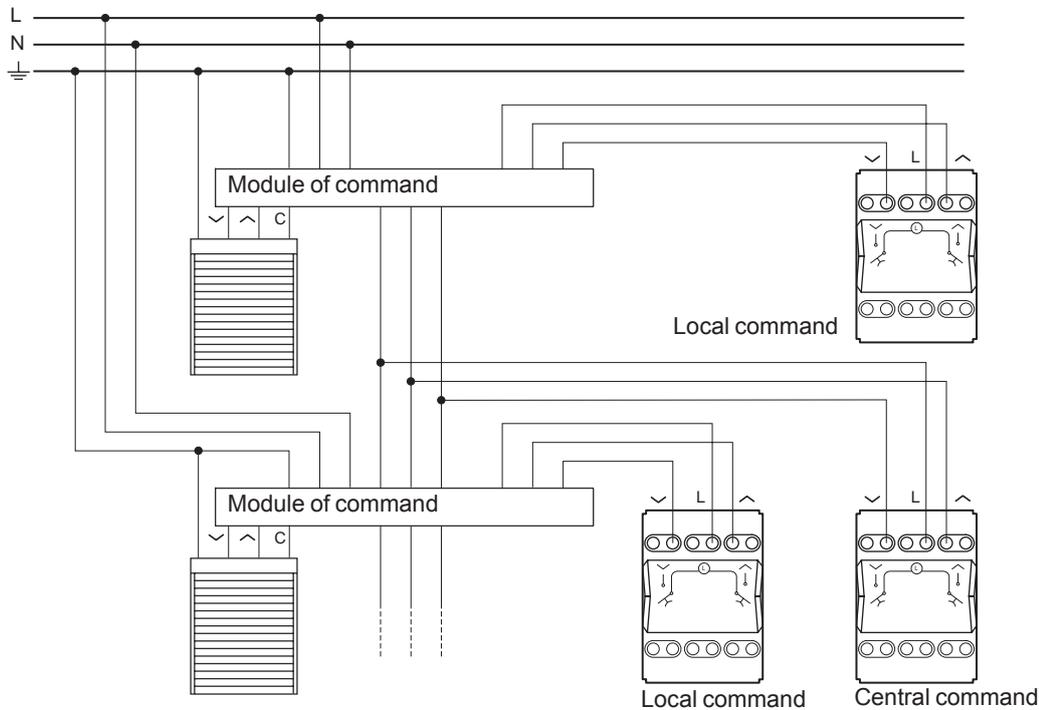
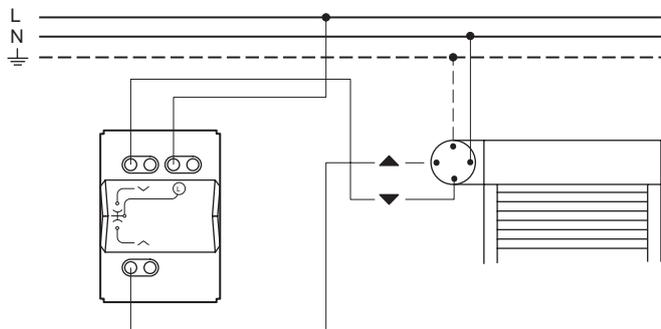
## Connections



6 A, push-button, 2 rockers, 3 positions – S5xx207



6 AX, switch, 3 rockers/3 positions – S5xx208

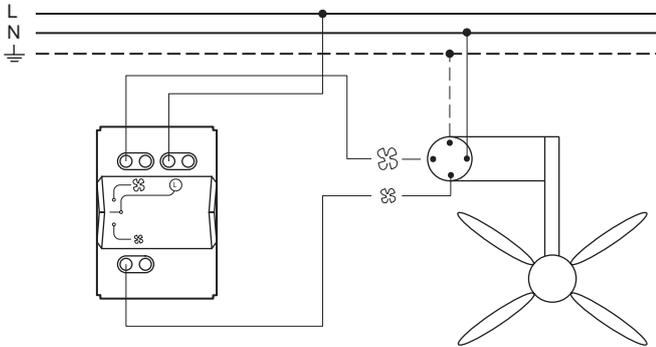


10 AX, push-button NO (1-2), STOP (1+2) for automatism – S5xx227

## Mechanisms for VMC

### 6 AX, two-way, 3 positions – S5xx243

#### Connections



## Rotary electronic dimmer switches

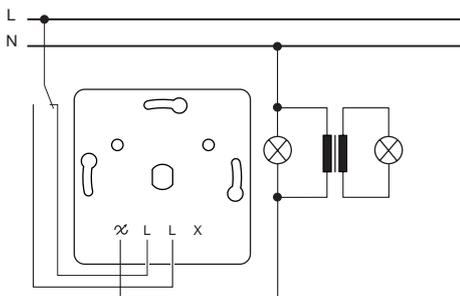
### Installation

The maximum allowed load is reduced due to the decreased heat dissipation when you do not install the device into a single standard flush-mounted mounting box:

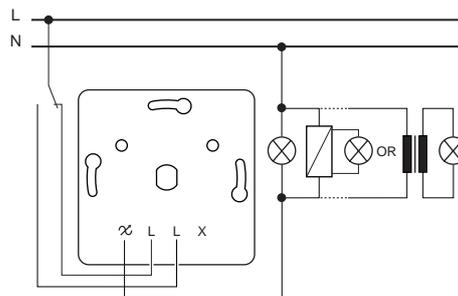
Load reduction by	Mounted in cavity walls *	Several installed together in combination *	In 1-gang or 2-gang surface-mounted housing	In 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

\* If several factors apply, add the load reductions together.

#### Connections

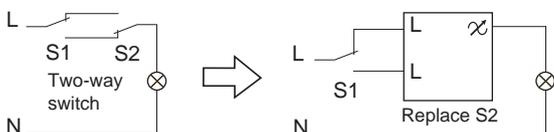
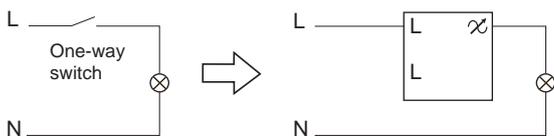


Two-way switch – S5xx511 - S5xx518



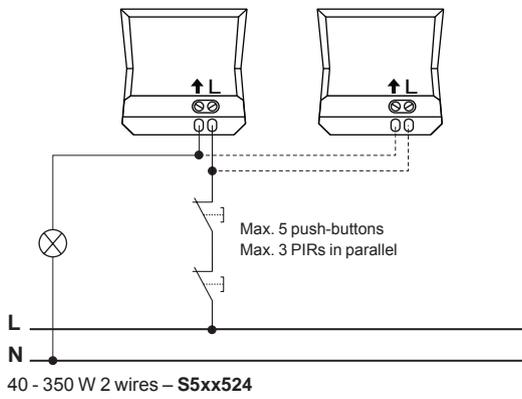
Two-way switch – S5xx515

### Substitution examples



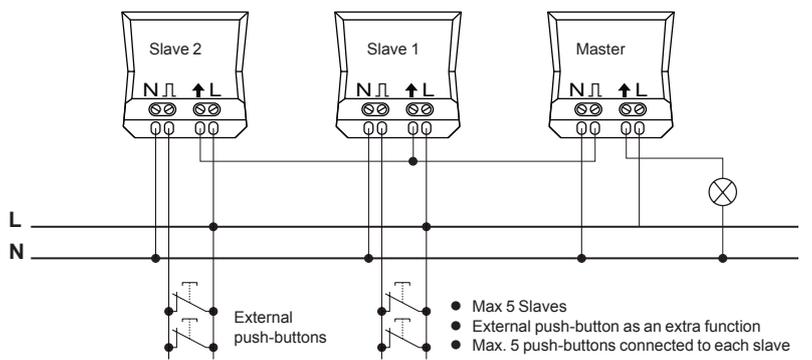
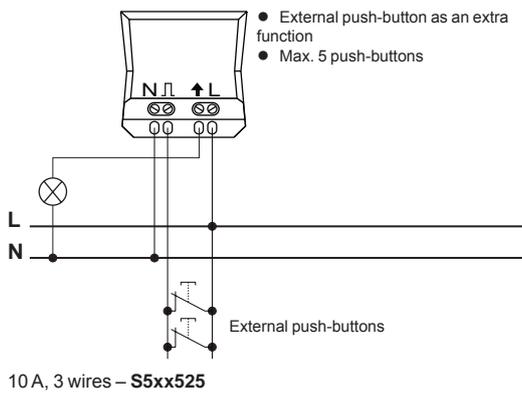
# Presence and movement detector

## Connections



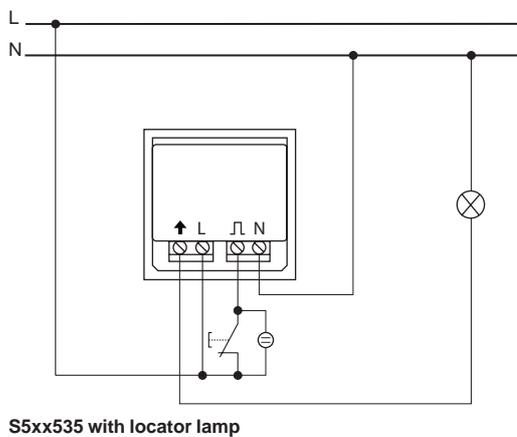
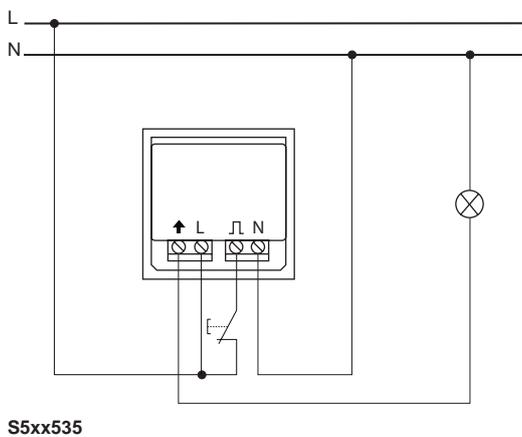
### Master/slave system

- Master: set mode to Automatic or Manual.
- Slave: set mode to Slave.



# Time delay switch

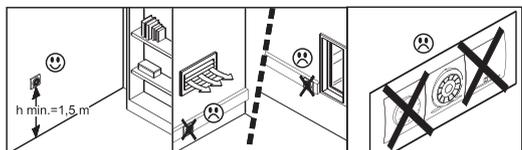
## Connection



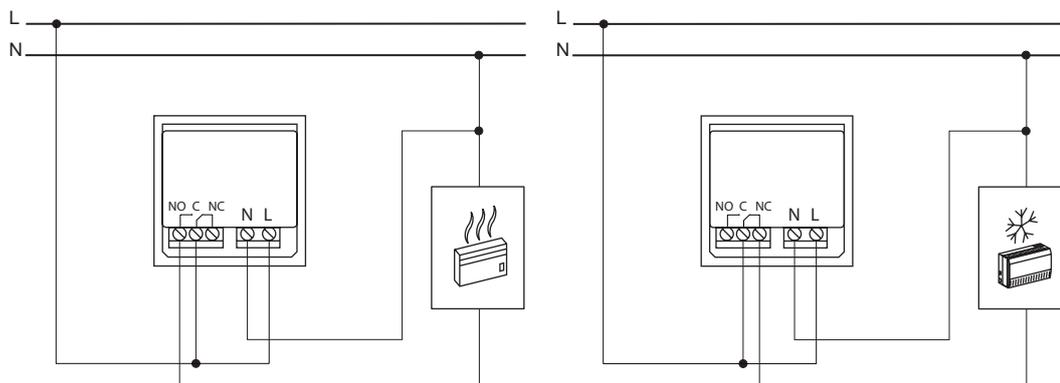
## Thermostats

### 8A room thermostat heat/cool – S5xx501

#### Installation

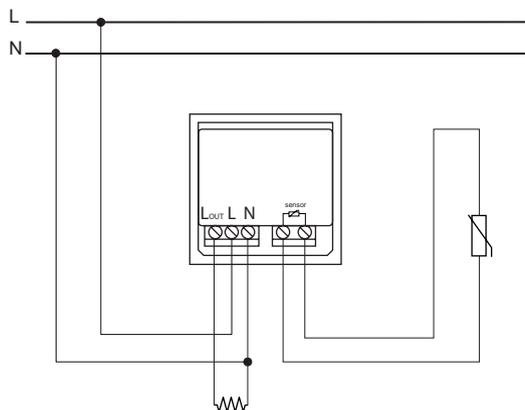


#### Connections



### 10A floor thermostat with external sensor – S5xx507

#### Connections

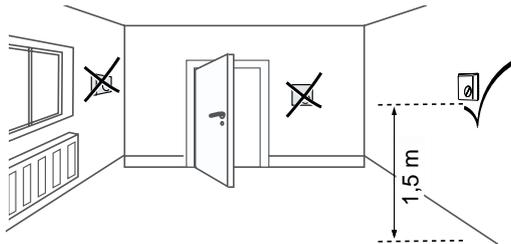


T (°C)	R (kΩ)
+1	20
+2	10
+3	8
+4	4

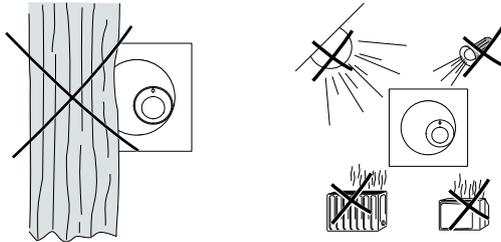
## 5 A room thermostat heat/cool – S5xx500

### Installation

- Installation on interior walls opposite the heat source is preferable.
- Mounting height: approx. 1.5 m above the floor.
- External walls and draughts from windows and doors should be avoided.
- Ensure that the warm air in the room has free access to the controller. Therefore, the controller should not be installed inside shelving units or behind curtains and similar coverings.

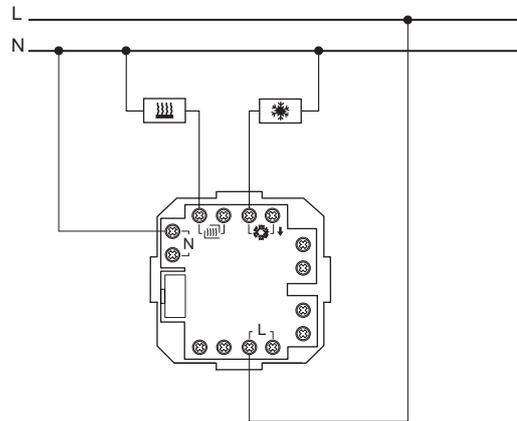


- External heat affects the accuracy of the control unit adversely. Therefore, avoid direct sunlight, proximity to televisions, radio and heating appliances, lamps, chimneys and heating pipes.



- A dimmer also generates heat. If a controller is installed with a dimmer in a shared switch frame, the two should be as far apart as possible. If they are arranged one on top of the other, the controller must be below the dimmer.

### Connections



 Heating

 Cooling

## Thermostats (cont'd)

### 10 A touch display thermostat – S5xx509

#### Introduction

With the Touch display thermostat (referred to in the following as the thermostat) you can regulate room or floor temperature. The unit is operated using a touch display. The thermostat can be connected to floor heating systems, radiators or ambient heating systems.

#### Operating modes

The thermostat can be operated in three different modes:

- **Ambient air mode:**

The internal temperature sensor detects the room temperature. The thermostat controls the load, based on the room temperature.

- **Floor mode:**

The floor sensor detects the floor temperature. The thermostat controls the load, based on the floor temperature.

- **Dual mode:**

The internal temperature sensor monitors the room temperature and controls the load, based on the room temperature.

At the same time, the floor sensor monitors the floor temperature and limits this to the predefined maximum temperature value ("max Temp"). This mode is particularly recommended for parquet and laminate floors.

In all operating modes, you can connect an external time switch for temperature reduction (TR).

The TR input can also be used for various functions according to the "PilotWire" specification:

Half wave	Function
None	No reduction
Both	Reduction
Positive	Controller OFF
Negative	Frost protection
Both (short pulse)	Setpoint - 1 °C
Both (long pulse)	Setpoint - 2 °C

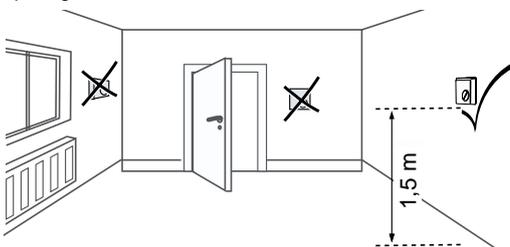
#### Installation

##### Thermostat installation

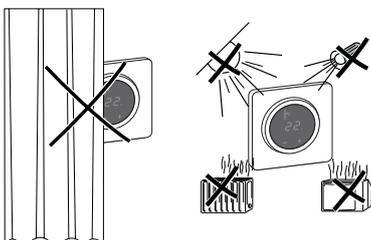
In order for the thermostat to be operated in ambient air or dual mode, the thermostat must be installed in such a way that it is protected as far as possible against external influences and temperature fluctuations. This guarantees reliable detection of the room temperature.

The following should therefore be taken into account when considering the installation site:

- Minimum installation height: 1.5 m above the floor.
- Do not install too close to windows, doors or ventilation openings.



- Do not install above heaters or other heat sources.
- Do not cover or install behind curtains.
- Avoid direct sunlight and light from lamps.

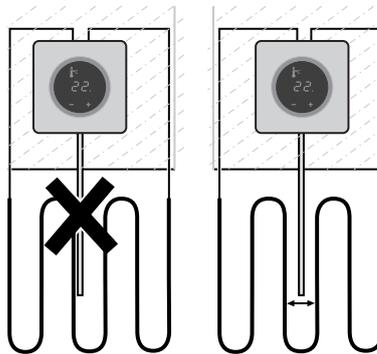


#### Floor sensor installation

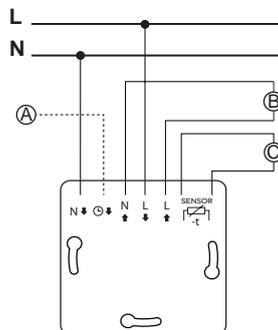
In order to guarantee reliable operation in floor and dual mode, the floor sensor must be protected against external influences and temperature fluctuations.

The following should therefore be taken into account when considering the installation site:

- If possible, maintain a clearance of 1.0 m from walls and doors.
- Install sensor in the middle of the loops (see picture below).
- Place the floor sensor in a plastic tube with an inside diameter of 16 mm.



#### Connections



#### Starting up

##### Switching on the thermostat for the first time

As soon as the power supply is connected, the thermostat switches on automatically.



To switch off using the software shutdown,

- ① press "+" and "-" simultaneously,
- ② hold for 3 seconds,
- ③ keep pressing when "COdE" is demanded,
- ④ thermostat shuts down.

Thermostat recovers from software switch shutdown by pressing "+" or "-".

*Note: All the default settings shown when the device is switched on for the first time can be adjusted later on in the settings menu (see "Operating the thermostat").*

### Language pin code request

When the device is switched on for the first time, the display requests the language pin code. This ensures that the messages are displayed in the correct language.

Display	Meaning	Symbol
CodE	Enter language pin code	CodE

Press „+“ until the correct language pin code is displayed.

The language pin codes are:

Language	PIN	Language	PIN
EN	11	NL	14
DE	12	ES	15
FR	13	PT	16
		Symbol	17

Accept your choice by pressing "+" and "-" simultaneously.

### Operating mode display

The thermostat automatically detects when a floor sensor is connected and goes to the floor mode ("Floor"). If the floor sensor is not connected, it goes to the ambient air mode ("Air").

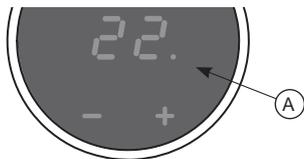
Also other factory settings are displayed now.

*Note: If a floor sensor is connected, you can change from floor mode to dual mode at a later point (see "Operating the thermostat").*

## Operating the thermostat

### Setting the temperature

*Note: Heating the floor or the room to the desired temperature may take several hours. You should therefore wait a while before increasing the temperature.*



- Select the desired room temperature by pressing "+" or "-".
- The desired room temperature is shown on the display.
- The blue dot (A) indicates that the heat load is warming up.

### Changing the basic settings

*Note: The thermostat automatically returns to the normal display if nothing is input in the settings menu for one minute.*

*The settings are displayed one after another when the settings menu is selected.*

- Select the desired value by pressing "+" or "-".

- Confirm your selection by pressing "+" and "-" simultaneously.

① Hold down "+" and "-" together for three seconds to activate the Settings menu.

② Enter the language pin code and confirm.

*Note: The language pin codes are given in the chapter "Starting up".*

Display	Meaning	Symbol
CodE	Enter language pin code	CodE

③ Select the desired operating mode and confirm.

Display	Meaning	Symbol
Floor	Select operating mode	F1
Air		F2
dUAL		F3

④ Set the maximum temperature and confirm.

*Note: You can set the maximum temperature in the ambient air and floor modes. In dual mode, this value limits the temperature of the floor in order to protect materials which are sensitive to extreme temperatures.*

The factory setting for the maximum temperature is:

- 35 °C in Air mode
- 40 °C in Floor mode and
- 27 °C in Dual mode (Floor max.).

Display	Meaning	Symbol
SAFE	Set the maximum temperature in °C.	SAFE
35		35

⑤ Set the reduced temperature and confirm.

*Note: Temperature reduction (TR) only occurs if an external timer (e.g. PilotWire) is connected.*

Display	Meaning	Symbol
SEtbAc	Set the reduced temperature in °C.	5E
- 5		- 5

The factory setting for the temperature reduction is -4 °C.

## RJ45 data sockets

### Introduction

- 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 <sub>A</sub>	Up to 500 MHz	Ethernet full-duplex mode 1000 Base T

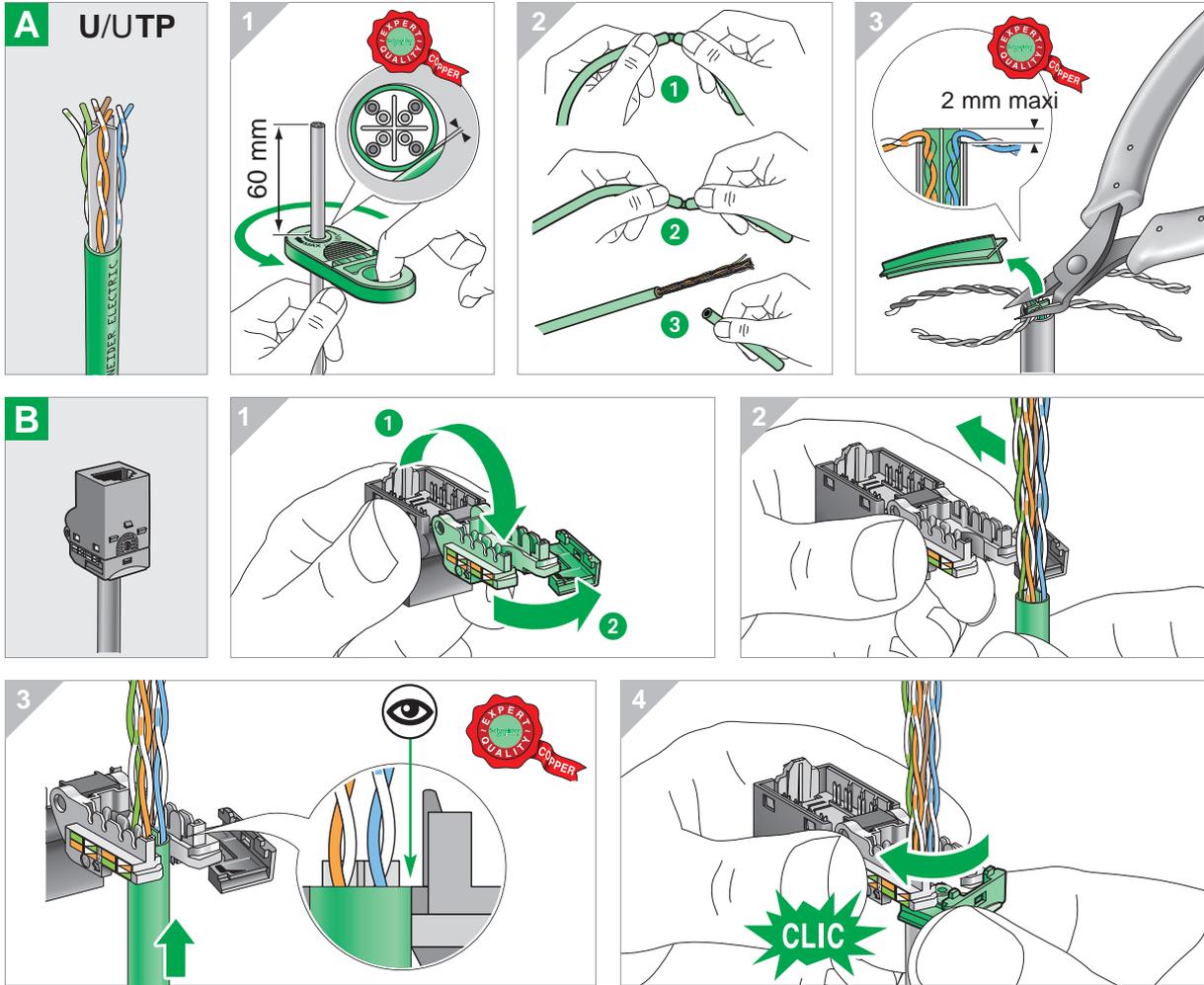
- So that an installation can be included in a certain category, all the elements making it up must belong to the same category, or, otherwise, it will be classed in the category of the lower category element.

#### Odace offer

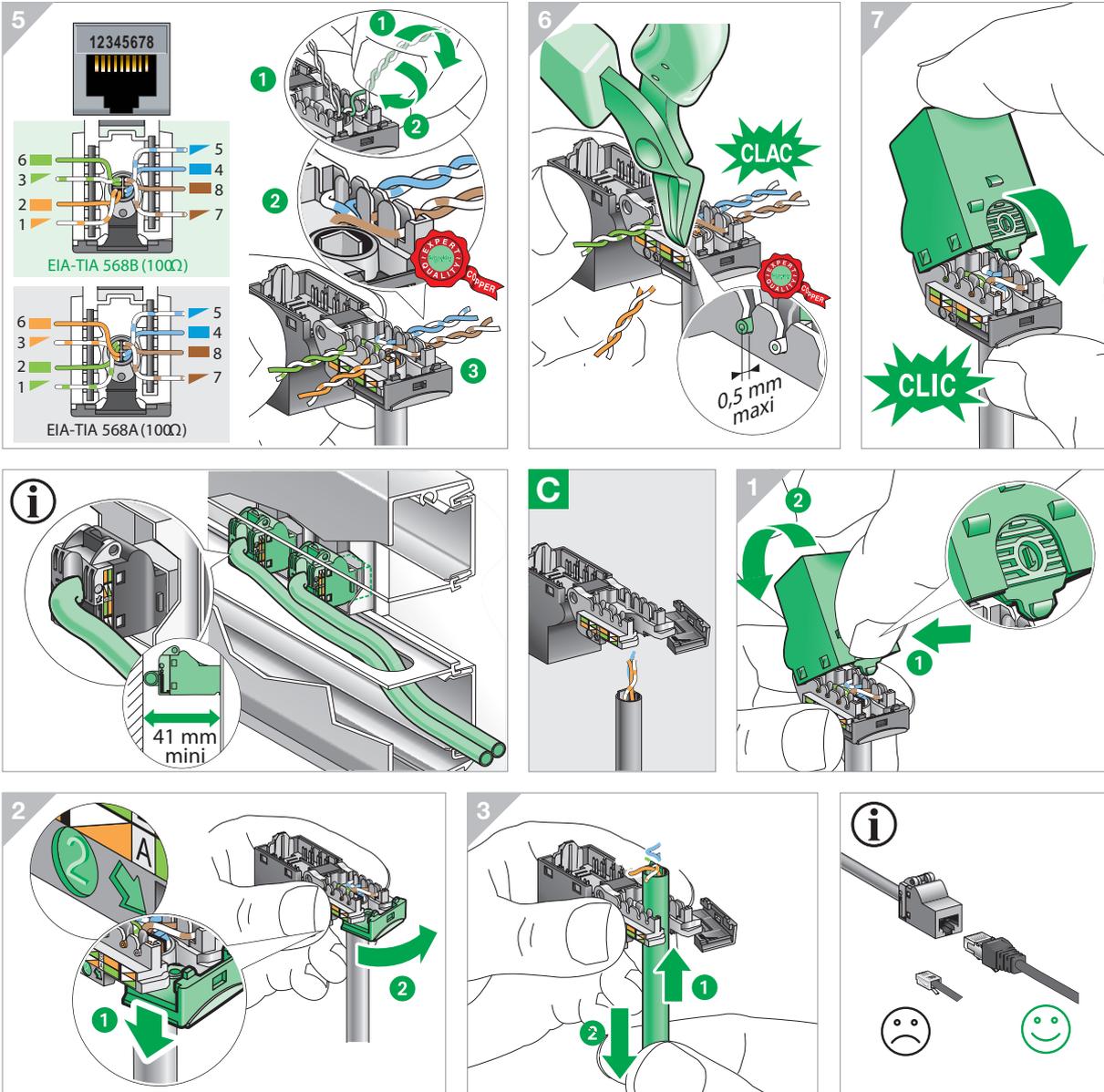
- The Odace offer consists of supports for RJ45 connectors and of a broad and comprehensive range of RJ45 infraplus connectors covering virtually all structured cabling needs, both current and future.
- This offer satisfies the technical requirements of prevailing regulations soon to be standardised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

# Installation

Example of unshielded data socket installation (cat 5e)

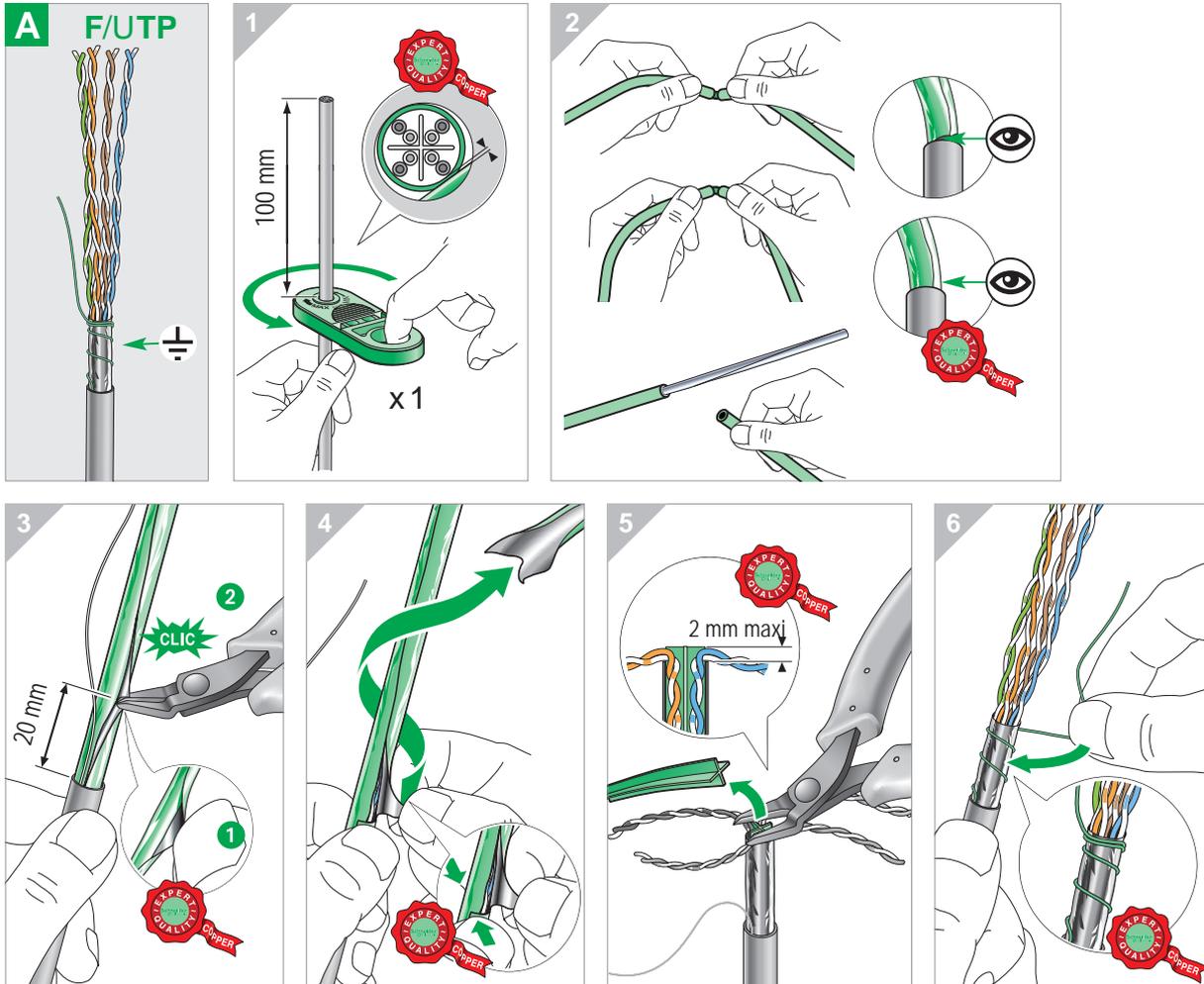


## RJ45 data sockets (cont'd)



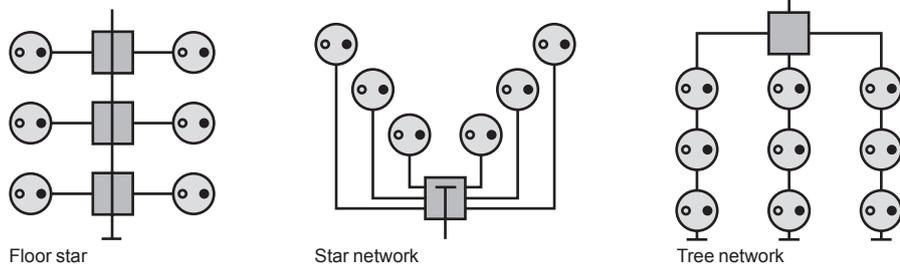
## Installation

Example of shielded data socket installation (cat 5e)



## TV/R/SAT sockets

### Network structures



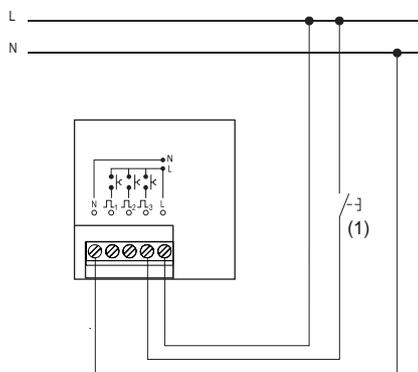
### Socket characteristics

- Individual:  
Suitable sockets for Floor star or Star network installations. End of the cable, signal issued from taps/splitters, multi-switches...
  - Trough-pass:  
Sockets used for cascade installations (tree network...).
- There are two types:
- Passage:  
With trunk output, to be used in a trunk line with many other sockets
  - Terminal:  
Trough-pass without trunk output, fitted with a resistor, to be used at the end of a trunk line with many sockets.

## Electronic bell

### 10 AX, two-way – S5xx580

#### Connection

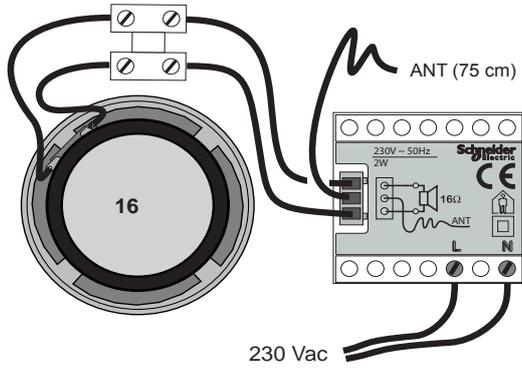


(1) Use of a maximum of 10 push-buttons without indicator lamp connected in parallel or 3 push-buttons with indicator lamp connected in parallel.

# Tuner FM

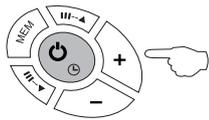
## Tuner FM with loudspeaker 2" – S5xx583

### Connection

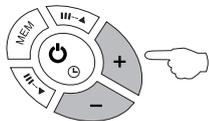


### Operating the tuner

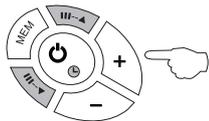
① on/off (LED green/orange)



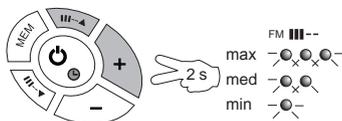
② volume +/- (green LED blinks)



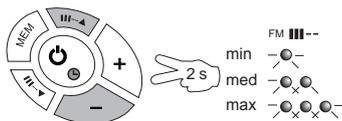
③ scrolls-up/down (orange LED blinks) through the band of frequencies. See (4)(5) in case of faulty search



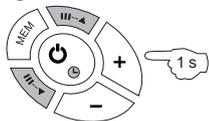
④ increase the sensitivity of tuner's seek function (orange LED blinks)



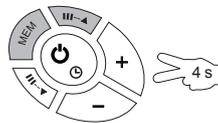
⑤ decrease the sensitivity of tuner's seek function (orange LED blinks)



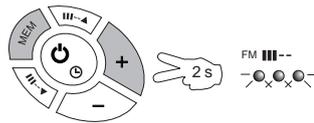
⑥ up-down FM station search (orange LED blinks)



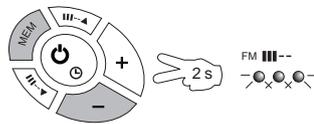
⑦ seek and automatic store of stations with the best reception quality (orange LED blinks till end of search)



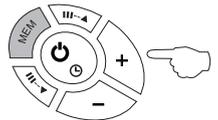
⑧ saves the station in the memory (orange LED blinks when done)



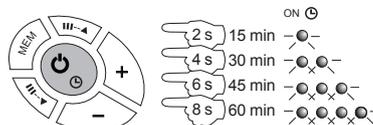
⑨ deletes the station from the memory (orange LED blinks when done)



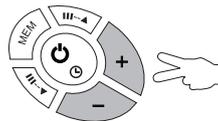
⑩ switches to next station in memory (orange LED blinks)



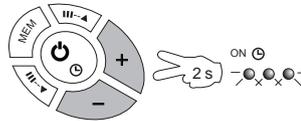
⑪ activate timer for auto-off. Green LED blinks 1-4 based on time to set up



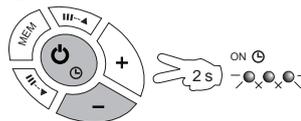
⑫ activate "ideal" settings



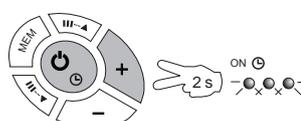
⑬ save "ideal" settings with the current settings



⑭ turn-on mode set to OFF



⑮ turn-on mode set to ON; when power is fed to the unit, it will turn on in "ideal" mode



## PlusLink inserts

### 1 zone control push-button - S5xx563

#### Introduction

You can use the 1 zone control push-button (referred to below as the device) to control all receiving devices in one PlusLink line.

Receiving devices are, for instance:

- Electronic switch push-button (ref. S5xx566)
- Relay push-button (ref. S5xx561)
- Universal dimmer push-button (ref. S5xx560)
- Scene dimmer push-button (ref. S5xx565)
- Blind control push-button (ref. S5xx562)

The device has one PlusLink output for connecting to a PlusLink line. To be able to use the PlusLink (PL), you require a separate core in your installation.

You can use the device globally control lights and blinds, e.g.:

- Lamps: switching on/off, dimming
- Blinds/roller shutters: raising/lowering, up/down in steps

In addition to that, you can use the scene keys (S1, S2) to retrieve global light and blind scenes for all connected devices of the PL lines. When the scene is retrieved, the saved brightness values or set "up/down" position values of the blind are activated. It is possible to change the scenes according to your wishes and save them.

#### Understanding PlusLink

##### What you need to know about the PlusLink:

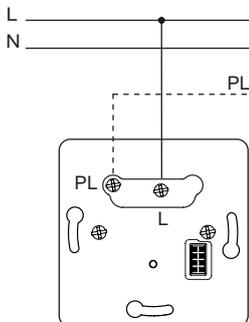
- To be able to use the PlusLink, you require a separate core in your installation.

Recommended cables for PlusLink installation	Maximum total cable sections in a PlusLink line
NYM-J 3x1.5 mm <sup>2</sup>	100 m
NYM-J 4x1.5 mm <sup>2</sup>	80 m
NYM-J 5x1.5 mm <sup>2</sup>	65 m

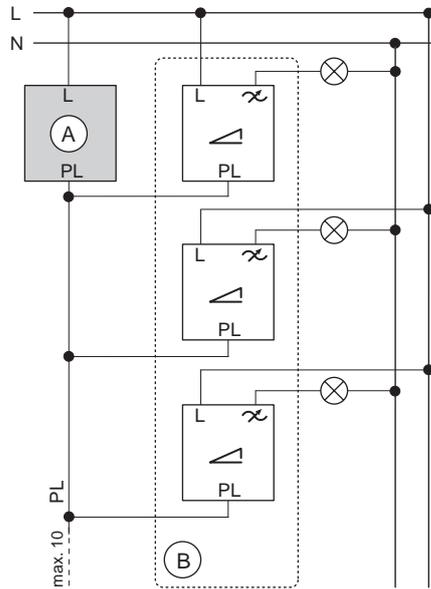
- All devices connected to one or more PlusLink lines must be connected to the same phase.
- The PL carries mains voltage.
- The PL transfers the commands from the sending devices to the receiving devices. Individual addressing of the devices in the PL lines is not possible. All devices are always activated at the same time.
- A maximum of 10 sending and 10 receiving devices can be connected to a PL line.
- The PL is not subject to prioritisation. Each new command overwrites the previous one.
- No separate software is required for using the PL.

#### Connections

In one PL line, use either devices for light control or only devices for blind control.

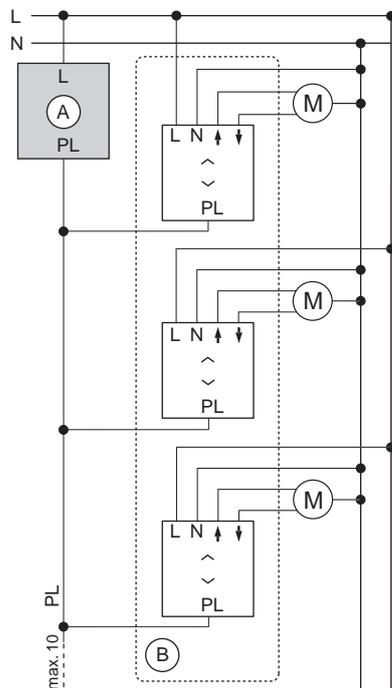


#### Sample installations for use in combination with receiving devices (light control)



- (A) 1 zone control push-button
- (B) PL line (electronic switch push-button, relay push-button, universal dimmer push-button or scene dimmer push-button)

#### Sample installations for use in combination with receiving devices (blind control)



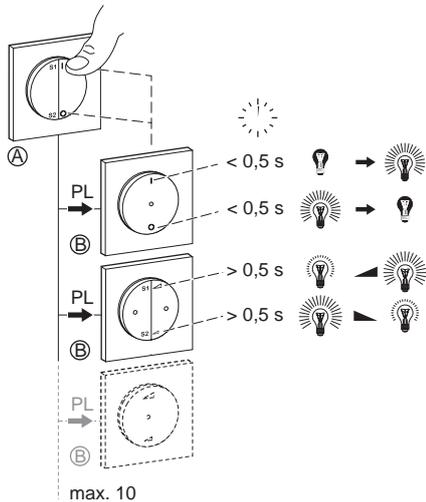
- (A) 1 zone control push-button
- (B) PL line (blind control push-button)

# 1 zone control push-button - S5xx563 (cont'd)

## Use

### Light control

Example of switching on/off and dimming:

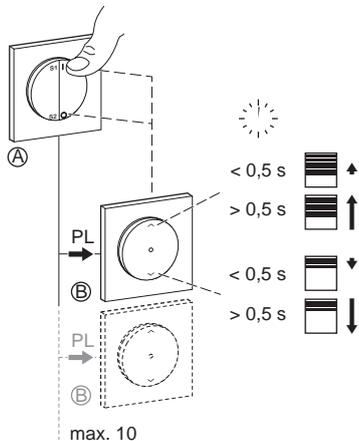


(A) 1 zone control push-button

(B) For example: electronic switch push-button, relay push-button, universal dimmer push-button or scene dimmer push-button

### Blind/roller shutter control

Example of raising/lowering and up/down in steps:



(A) 1 zone control push-button

(B) Blind control push-button

### Retrieving, changing and saving global scenes

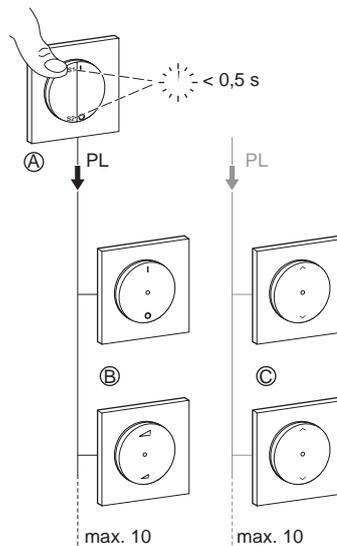
#### Introduction

- When you save a scene, you always save the current state of all connected devices of a PL line.
- All devices are delivered from the factory with presets for a light or blind/roller shutter scene.
  - S1: light on (100 %) / blind up
  - S2: light off / blind down

#### Retrieving scenes

Press S1 and S2:

- The devices of the light scene adopt the saved brightness value.
- The devices of the blind/roller shutter scene initially move to the uppermost position. After a running time of max. 2 minutes has elapsed, the blinds/roller shutter move to the saved position.



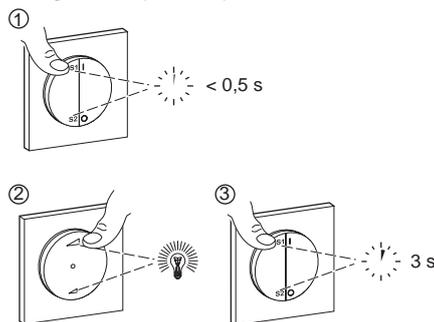
(A) 1 zone control push-button

(B) PL line with light scene: e.g. electronic switch push-button, relay push-button, universal dimmer push-button or scene dimmer push-button

(C) PL line with blind/roller shutter control

### Changing and saving light scenes

Taking the example of the pushbutton universal dimmer:



(1) Retrieve scene: give the S1 or S2 key a short press.

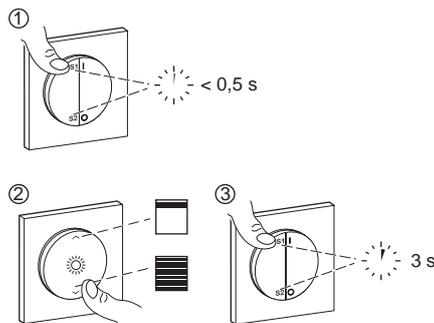
(2) Set the brightness values of the lamps that you want to change on the receiving device.

(3) Save scene: give the S1 or S2 key a long press.

All lamps are switched off briefly and then back on again to indicate that the saving procedure has been successful. Then the lamps return to their saved brightness value.

### Changing and saving blind scenes

For blind/roller shutter scenes, it is only possible to save the set position values of "up/down".



(1) Retrieve scene: give the S1 or S2 key a short press.

(2) Set the positions (up/down) of the blinds that you want to change on the receiving device.

(3) Save scene: give the S1 or S2 key a long press.

The blinds are moved down a step and then back up to indicate that the saving procedure has been successful.

## PlusLink inserts (cont'd)

### 4 zones control push-button - S5xx564

#### Introduction

You can use the 4 zones control push-button (referred to below as the device) to control all receiving devices in up to 4 PlusLink lines.

Receiving devices are, for instance:

- Electronic switch push-button (ref. S5xx566)
- Relay push-button (ref. S5xx561)
- Universal dimmer push-button (ref. S5xx560)
- Scene dimmer push-button (ref. S5xx565)
- Blind control push-button (ref. S5xx562)

The device has one PlusLink output for connecting to a PlusLink line. To be able to use the PlusLink (PL), you require a separate core in your installation for each PlusLink line.

You can use the device to retrieve global light and blind scenes for all connected devices of the PL lines. When the scene is retrieved, the saved brightness values or set "up/down" position values of the blind are activated. It is possible to change the scenes according to your wishes and save them.

Alternatively, you can connect a mechanical push-button (panic button) to the PL1 output. When the panic button is pressed, a panic scene is retrieved for all connected devices of the PL lines. It is possible to change and save the panic scene. You can choose between the set values of "on/off" for light scenes and "up/down" for blind scenes.

#### Understanding PlusLink

##### What you need to know about the PlusLink:

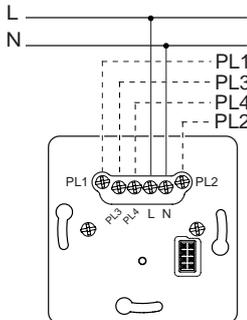
- To be able to use the PL, you require a separate core in your installation.

Recommended cables for PL installation	Maximum total cable sections in a PL line
NYM-J 3x1.5 mm <sup>2</sup>	100 m
NYM-J 4x1.5 mm <sup>2</sup>	80 m
NYM-J 5x1.5 mm <sup>2</sup>	65 m

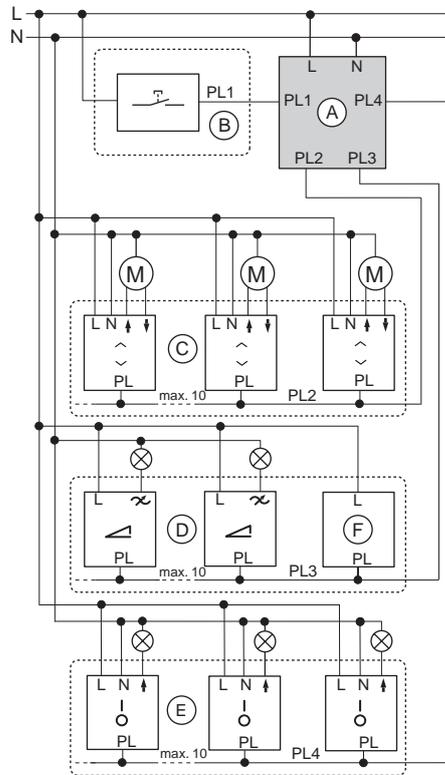
- All devices connected to one or more PlusLink lines must be connected to the same phase.
- The PL carries mains voltage.
- The PL transfers the commands from the sending devices to the receiving devices. Individual addressing of the devices in the PL line is not possible. All devices are always activated at the same time.
- A maximum of 10 sending and 10 receiving devices can be connected to a PL line.
- The PL is not subject to prioritisation. Each new command overwrites the previous one.
- No separate software is required for using the PL.

#### Connections

In one PL line, use either devices for light control or only devices for blind control.



#### Sample installations for use in combination with receiving devices



- (A) 4 zones control push-button
- (B) PL line 1 (mechanical push-button without lighting unit "panic button")
- (C) PL line 2 (blind control push-button)
- (D) PL line 3 (universal dimmer push-button, scene dimmer push-button)
- (E) PL line 4 (electronic switch push-button, relay switch push-button)
- (F) 1 zone control push-button

#### Programming LED lamp

##### Indicator LED lamp (red)

Operation	Status feedback
= 1 s	Red LED flashes

##### Setting to "locator LED lamp"(green)

Operation	Status feedback
Standard: switched off	
= 10x =	LED flashes 4x
= 10x =	

##### Resetting to default settings

Operation	Status feedback
= 10 s	LEDs flash 8x

## 4 zones control push-button - S5xx564 (cont'd)

### Retrieving, changing and saving global scenes

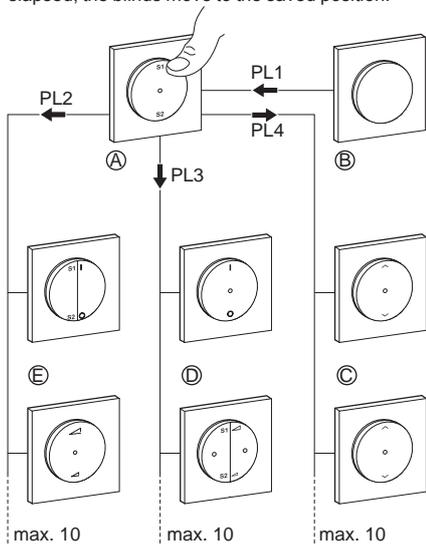
#### Introduction

- When you save a scene, please always save the current state of all connected devices of the PL lines.
- All devices are delivered from the factory with presets for a light or blind/roller shutter scene.
  - S1: light on (100 %) / blind up
  - S2: light off / blind down
  - Panic button: light on (100 %) / blind down

#### Retrieving scenes

Press S1 and S2 on the 4 zones control push-button or press the panic button:

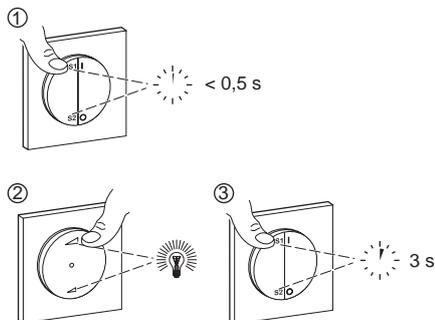
- The devices of the light scene adopt the saved brightness value.
- The devices of the blind scene initially move to the uppermost position. After a running time of max. 2 minutes has elapsed, the blinds move to the saved position.



- (A) 4 zones control push-button
- (B) Panic button
- (C) PL line with blind scene: blind control push-button
- (D) PL line with light scene: e.g. electronic switch push-button, relay push-button, universal dimmer push-button or scene dimmer push-button
- (E) PL line with light scene: e.g. 1 zone control push-button, electronic switch push-button, relay push-button, universal dimmer push-button or scene dimmer push-button

### Changing and saving light scenes

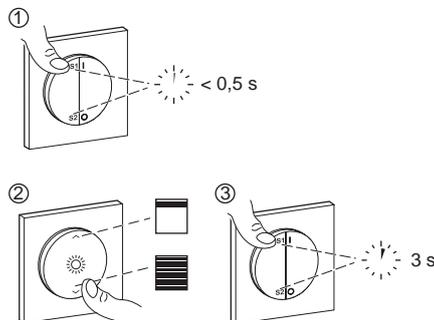
Taking the example of the pushbutton universal dimmer:



- Retrieve scene: give the S1 or S2 key a short press.
- Set the brightness values of the lamps that you want to change on the receiving device.
- Save scene: give the S1 or S2 key a long press. All lamps are switched off briefly and then back on again to indicate that the saving procedure has been successful. Then the lamps return to their saved brightness value.

### Changing and saving blind scenes

For blind scenes, it is only possible to save the set position values of "up/down".

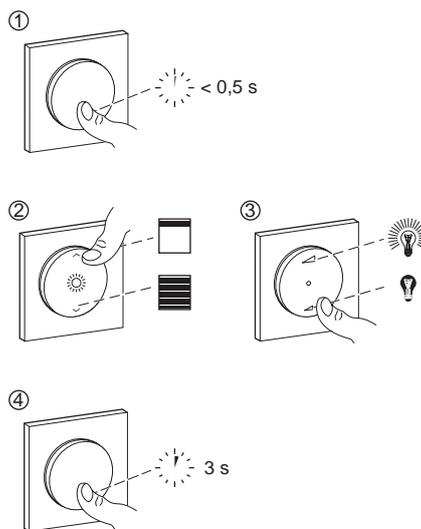


- Retrieve scene: give the S1 or S2 key a short press.
- Set the positions (up/down) of the blinds that you want to change on the receiving device.
- Save scene: give the S1 or S2 key a long press.

The blinds are moved down a step and then back up to indicate that the saving procedure has been successful.

### Changing and saving panic scenes

In the case of panic scenes, you can only save start and end values such as "on/off" for the light scene or "up/down" for the blind scene.



- Retrieve scene: give the mechanical pushbutton a short press.
- Set the positions (up/down) of the blinds that you want to change on the receiving device.
- Set the brightness values (on/off) of the lamps that you want to change on the receiving device.
- Save scene: give the mechanical pushbutton a long press. The blinds are moved down a step and then back up to indicate that the saving procedure has been successful. The lamps are switched off briefly and then back on again, and then return to their saved brightness value.

The panic scene has the same priority as the 4 zones control push-button.

## PlusLink inserts (cont'd)

### Blind control push-button - S5xx562

#### Introduction

You can use the blind control push-button (referred to below as device) to control one blind or roller shutter motor that is equipped with an end position switch.

The device has two relay contacts electrically locked against each other that reliably prevent simultaneous controlling of the two relay outputs. This makes sure that the connected motor is not damaged.

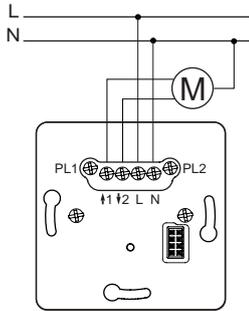
The device has two PlusLink inputs by means of which you can control the device remotely (e.g. 1 zone control push-button - ref. S5xx0563, 4 zones control push-button - ref. S5xx564, mechanical double pushbutton).

To be able to use the PlusLink (PL), you require a separate core in your installation.

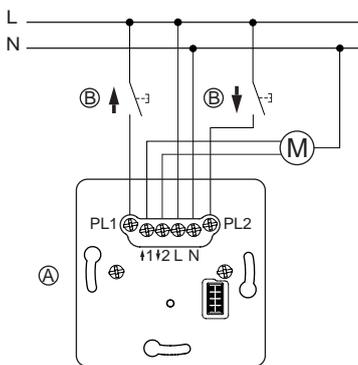
*Note: The total length of cable sections in a PlusLink line is not allowed to exceed 100 m (when a 3-core cable is used).*

#### Connections

##### Insert a stand-alone device

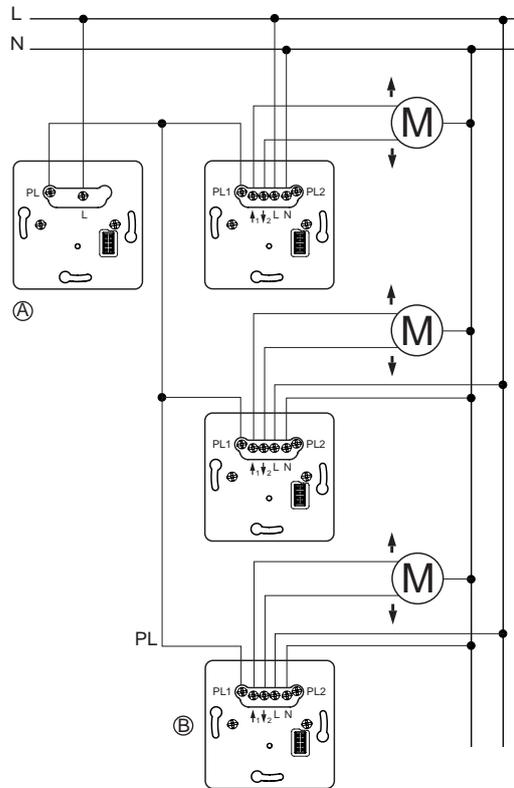


##### Insert with mechanical push-button via PlusLink



- (A) Blind control push-button
- (B) Mechanical double push-button without lighting unit

#### Use in combination with sending device via PlusLink



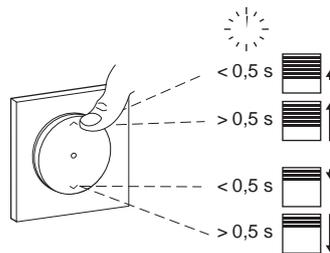
- (A) 1 zone control push-button
- (B) Blind control push-button in PL line

#### Use

The minimum changeover time for changing between raising and lowering the blinds/roller shutters is 1 s.

#### Connected blinds/roller shutters

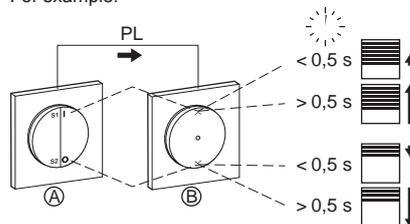
- Raising/lowering (> 0.5 s)
- Up/down in steps (< 0.5 s)



#### Controlling connected blinds/roller shutters remotely via PlusLink with:

- 4 zones control push-button
- 1 zone push-button
- Mechanical double push-button

For example:

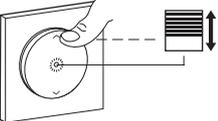


- (A) 1 zone control push-button
- (B) Mechanical double push-button without lighting unit

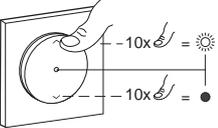
## Blind control push-button - S5xx562 (cont'd)

### Programming LED lamp

#### Indicator LED lamp (red)

Operation	Status feedback
	Red LED lights up when load switched

#### Setting to "locator LED lamp" (green)

Operation	Status feedback
	LED flashes 4x

#### Resetting to default settings

Operation	Status feedback
	LEDs flash 8x

## PlusLink inserts (cont'd)

### Universal dimmer push-button - S5xx560

### Scene dimmer push-button - S5xx565

#### Introduction

You can use the universal dimmer push-button or scene dimmer push-button (referred to below as the device) to switch and dim ohmic, inductive or capacitive loads.

The device automatically recognises the connected load. The device is overload-proof and short-circuitproof.

The universal dimmer push-button or scene dimmer push-button can save two local scenes using scene keys, which can then be retrieved again.

The device has a PlusLink input by means of which you can control the device remotely (e.g. 1 zone control push-button - ref. S5xx563, 4 zones control push-button - ref. S5xx564, mechanical push-button). To be able to use the PlusLink (PL), you require a separate core in your installation.

The memory function with on/off function allows the device to memorise the most recently set brightness value and retrieve it again.

*Note: The total length of cable sections in a PL line is not allowed to exceed 100 m (when a 3-core cable is used).*

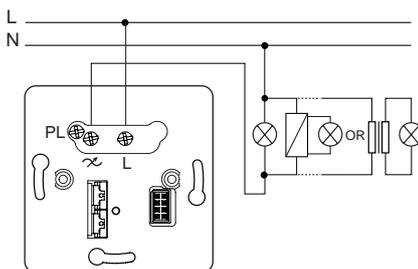
*The maximum allowed load is reduced due to the decreased heat dissipation when you do not install the device into a single standard flushmounted mounting box:*

Load reduction by	Mounted in cavity walls*	Several installed together in combination	In 1-gang or 2-gang surface-mounted housing	in 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

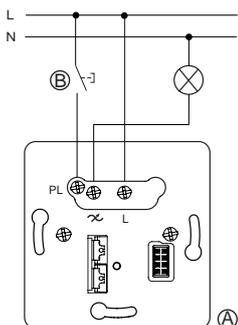
\* If several factors apply, add the load reductions together.

#### Connections

##### Insert a stand-alone device



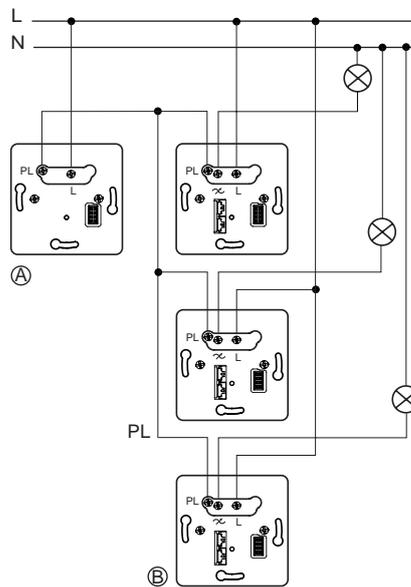
##### Insert with a mechanical push-button via PlusLink



(A) Universal dimmer push-button or scene dimmer push-button

(B) Mechanical push-button without lighting unit (toggle mode)

#### Use in combination with sending device via PlusLink



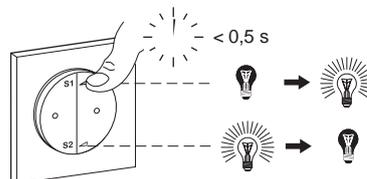
(A) 1 zone control push-button

(B) Universal dimmer push-button or scene dimmer push-button

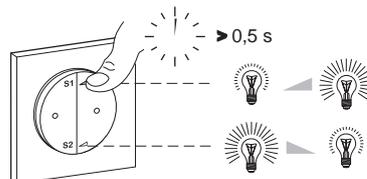
#### Use

Operation of the devices is shown taking the example of the pushbutton scene dimmer.

##### Switching connected loads on/off



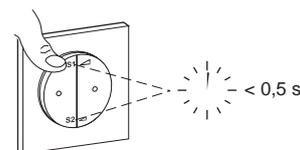
##### Dimming connected loads



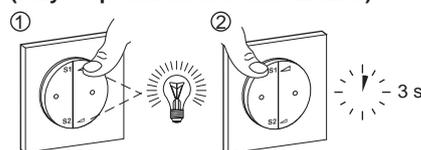
##### Retrieving local scene

##### (only for pushbutton scene dimmer)

- Standard scenes:
- S1: on (100%)
  - S2: off



##### Changing and saving local scenes (only for pushbutton scene dimmer)



① Setting the brightness value

② Save the scene on S1 or S2

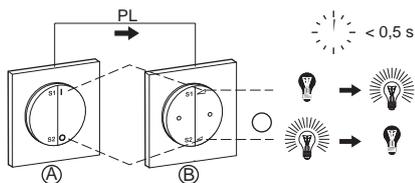
## Universal dimmer push-button - S5xx560

## Scene dimmer push-button - S5xx565 (cont'd)

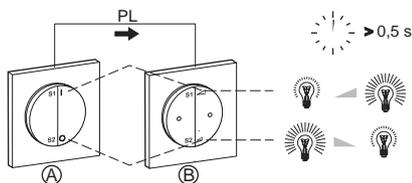
### Switching connected loads on/off or dimming remotely using PlusLink with

- 4 zones control push-button
- 1 zone control push-button
- Mechanical push-button

Example of switching on/off:



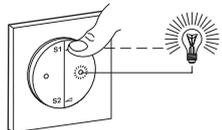
Example of dimming:



- (A) 1 zone control push-button
- (B) Scene dimmer push-button

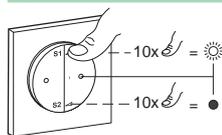
## Programming LED lamp

### Indicator LED lamp (red)

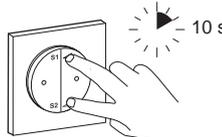
Operation	Status feedback
	Red LED lights up when load switched

### Setting to "locator lamp" (green)

Standard: switched off

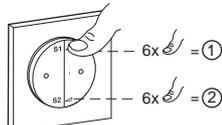
Operation	Status feedback
	LED flashes 4x

### Resetting to default settings

Operation	Status feedback
	LEDs flash 8x

### Switching memory function on/off

The device memorises the brightness level that was last set.  
Standard: switched off

Operation	Status feedback
	LEDs flash 4x

- ① Switch on memory function
- ② Switch off memory function

## Relay push-button - S5xx561

### Introduction

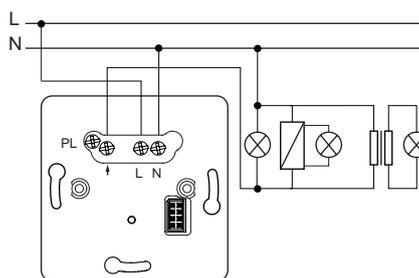
You can use the relay push-button (referred to below as the device) to switch ohmic, inductive or capacitive loads.

The device has a PlusLink input by means of which you can control the device remotely (e.g. 1 zone control push-button - ref. S5xx563, 4 zones control push-button - ref. S5xx564, mechanical push-button). To be able to use the PlusLink (PL), you require a separate core in your installation.

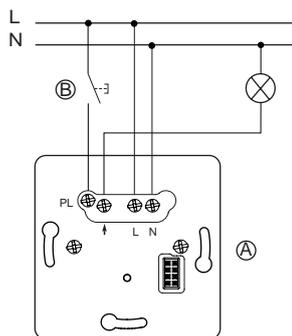
*Note: The total length of cable sections in a PL line is not allowed to exceed 100 m (when a 3-core cable is used).*

### Connections

#### Insert a stand-alone device

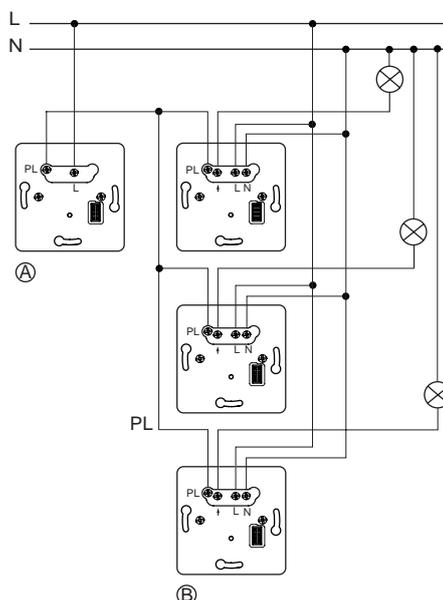


#### Insert with mechanical push-button via PlusLink



- (A) Relay push-button
- (B) Mechanical pushbutton without lighting unit (toggle mode)

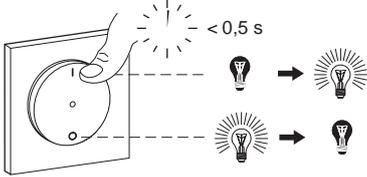
#### Use in combination with sending device via PlusLink



- (A) 1 zone control push-button
- (B) Relay push-button in PL line

## PlusLink inserts (cont'd)

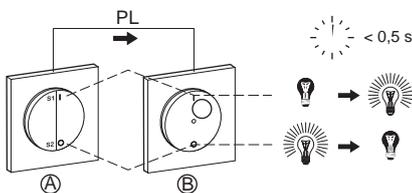
### Switching connected loads on/off



### Switching connected loads remotely on/off via PlusLink with

- 4 zones control push-button
- 1 zone control push-button
- Mechanical push-button

For example:



- (A) 1 zone control push-button
- (B) Relay push-button

## Programming LED lamp

### Indicator lamp (red)

Operation	Status feedback
A hand presses the button, and a red LED indicator lights up.	Red LED lights up when load switched

### Setting to "locator lamp" (green)

Standard: switched off

Operation	Status feedback
A hand presses the button 10 times, and a green LED indicator flashes 4 times.	LED flashes 4x

### Resetting to default settings

Operation	Status feedback
A hand presses the button for 10 seconds, and a green LED indicator flashes 8 times.	LEDs flash 8x

## Electronic switch push-button - S5xx566

### Introduction

You can use the electronic switch push-button (referred to below as the device) to switch ohmic, inductive or capacitive loads.

The device is overload-proof and short-circuit-proof.

The device has a PlusLink input by means of which you can control the device remotely (e.g. 1 zone control push-button - ref. S5xx563, 4 zones control push-button - ref. S5xx564, mechanical push-button). To be able to use the PlusLink (PL), you require a separate core in your installation.

*Note: The total length of cable sections in a PL line is not allowed to exceed 100 m (when a 3-core cable is used).*

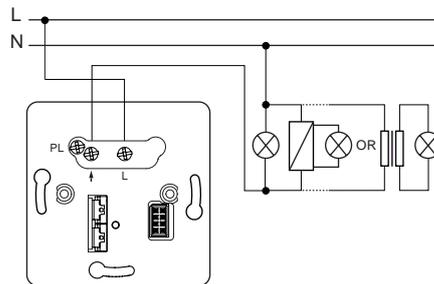
*The maximum allowed load is reduced due to the decreased heat dissipation when you do not install the device into a single standard flushmounted mounting box:*

Load reduction by	Mounted in cavity walls*	Several installed together in combination	In 1-gang or 2-gang surface-mounted housing	in 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

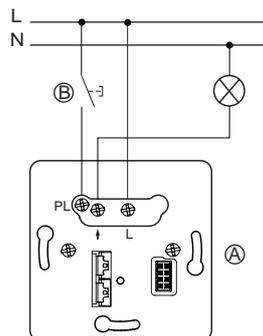
\* If several factors apply, add the load reductions together.

## Connections

### Insert a stand-alone device



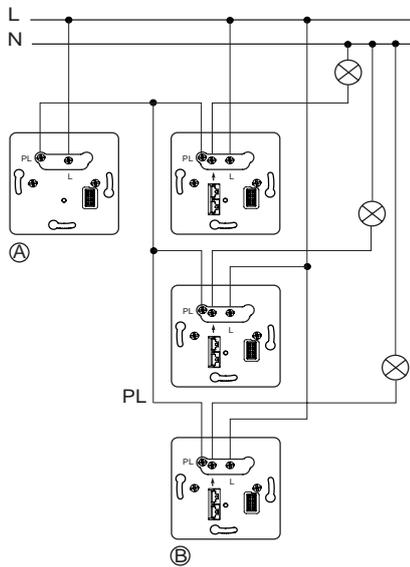
### Insert with mechanical pushbutton via PlusLink



- (A) Electronic switch push-button
- (B) Mechanical pushbutton without lighting unit (toggle mode)

## Electronic switch push-button - S5xx566 (cont'd)

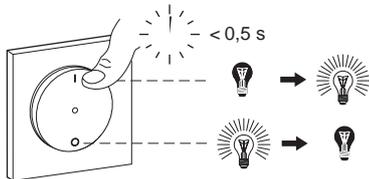
Use in combination with sending device via PlusLink



- (A) 1 zone control push-button
- (B) Electronic switch push-button in PL line

### Use

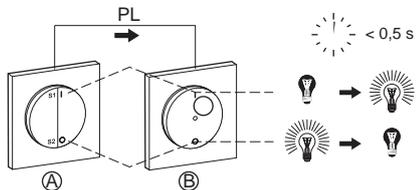
#### Switching connected loads on/off



#### Switching connected loads remotely on/off via PlusLink with

- 4 zones control push-button
- 1 zone control push-button
- Mechanical push-button

For example:



- (A) 1 zone control push-button
- (B) Electronic switch push-button in PL line

## Programming LED lamp

### Indicator LED lamp (red)

Operation	Status feedback
	Red LED lights up when load switched

### Setting to "locator LED lamp" (green)

Standard: switched off

Operation	Status feedback
	LED flashes 4x

### Resetting to default settings

Operation	Status feedback
	LEDs flash 8x

## PlusLink inserts (cont'd)

### PlusLink expander - CCTDT5130

#### Introduction

The PlusLink Expander (referred to below as PL Expander) must be integrated into one or several PL lines if these are protected with at least 2 circuit breakers.

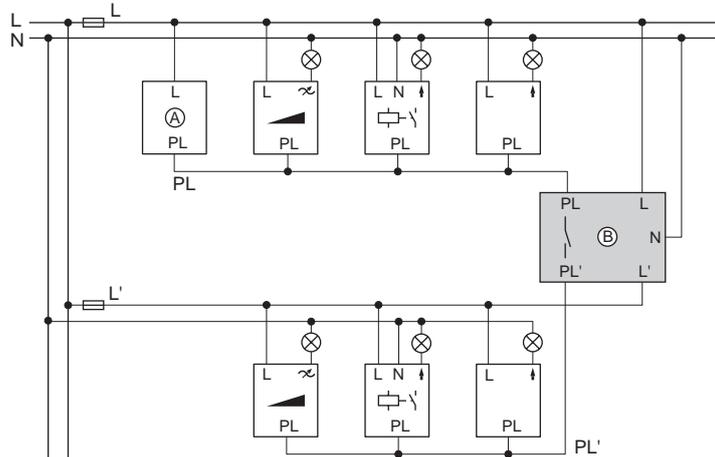
If (e.g. in the event of error or for maintenance work) one circuit breaker is triggered off, then the PL Expander will disconnect the PL line automatically as well. This is necessary because the PL line would otherwise continue to be live via the other

circuit breakers.

#### Connections

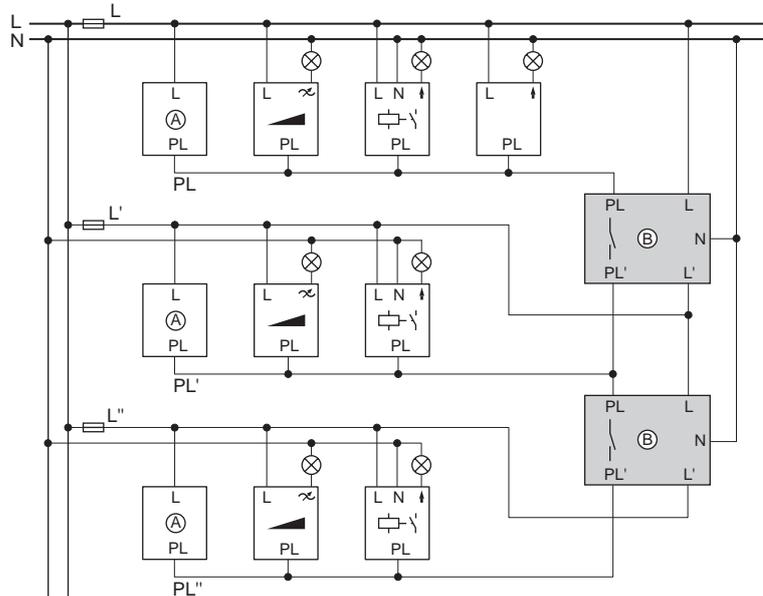
##### Installation example 1

- 2x circuit breaker, 1x 1 zone control push-button (A), 1x PL Expander (B).
- Two rooms, e.g. living room and hall.
- 1 zone control push-button installed in the hall; with global control across both rooms.



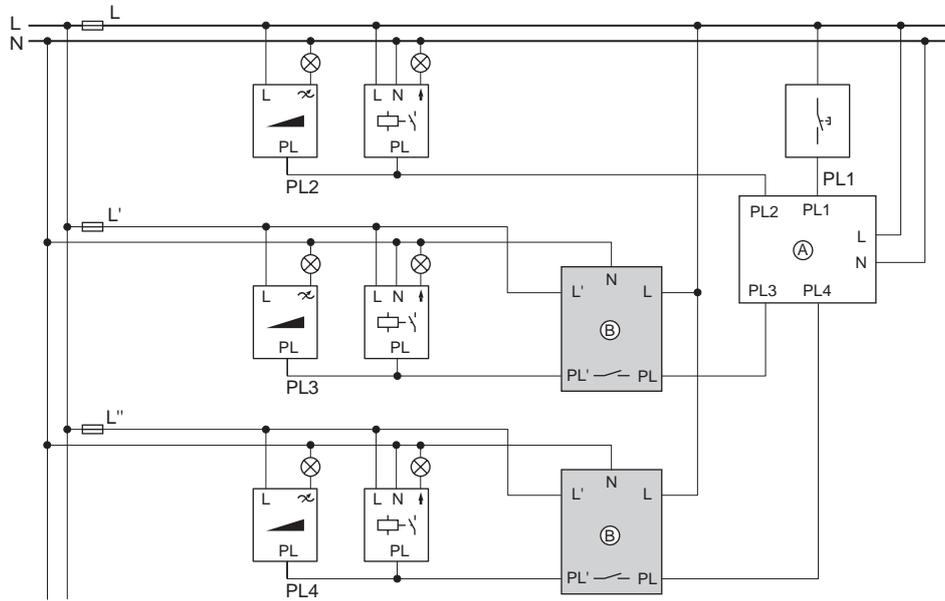
##### Installation example 2

- 3x circuit breaker, 3x 1 zone control push-button (A), 2x PL expander (B).
- Three rooms, e.g. living room, hall and kitchen.
- 1 zone control push-button installed in each room; with global control across all rooms.



### Installation example 3

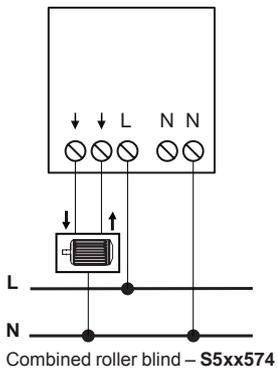
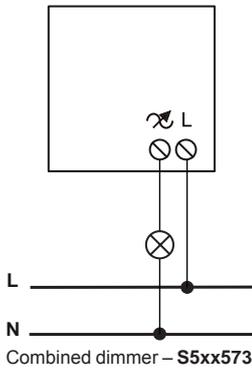
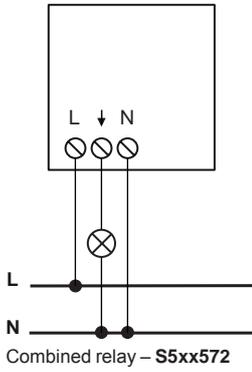
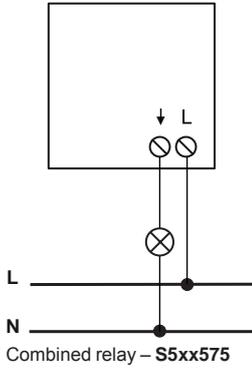
- 3x circuit breaker, 1x 4 zones control push-button (A), 2x PL expander (B).
- Three rooms, e.g. living room, hall and kitchen.
- 4 zones control push-button installed in the hall; with global scene control across all rooms.
- Panic button on PL line 1.



## Wireless

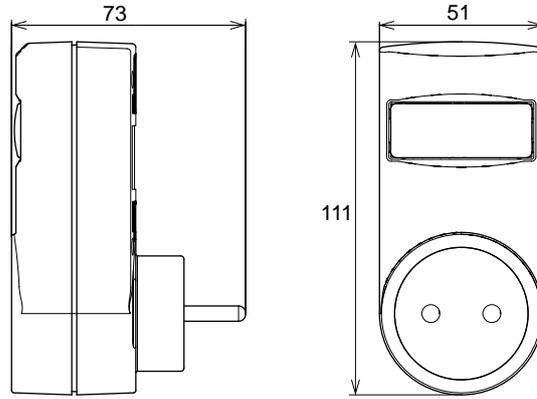
### Combined modules

#### Connections

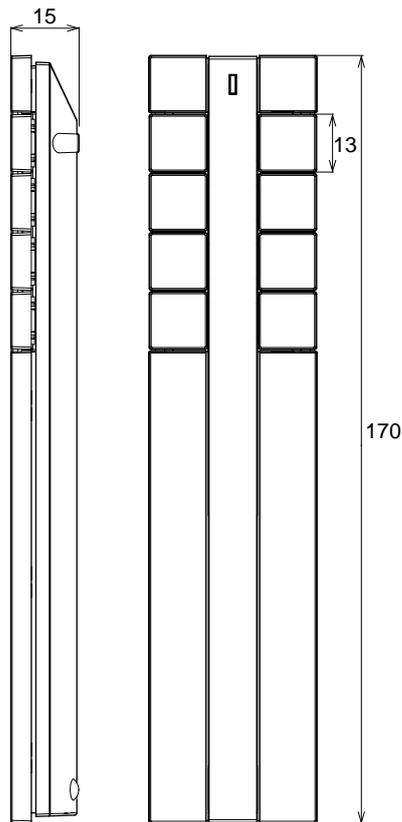


### Receivers

#### Dimensions (mm)



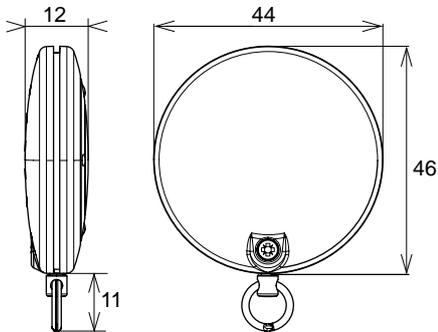
Mobile socket-outlet relays – CCT1A020, CCT1A022  
Mobile socket-outlet dimmers – CCT1A021, CCT1A023



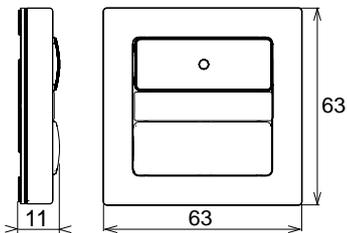
Metal remote control – CCT1A000

## Remote control

### Dimensions (mm)



### Keyring remote control – CCT1A010

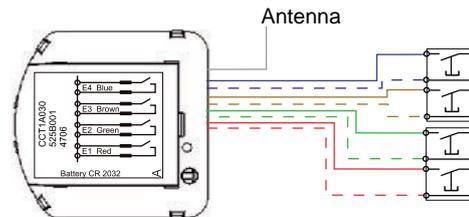


### Test kit – CCT1A090

## Universal emitter – CCT1A030

### Connection

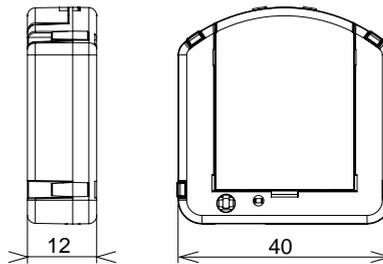
- If only 1 function is needed (e.g. on/off), only connect the pairs E1 and E2 to push-buttons.
  - The push-button connected to pair E1 will be used for ON (or dim-up with a long push for a dimmer).
  - The push-buttons connected to pair E2 will be used for OFF (or dim-down with a long push for a dimmer).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

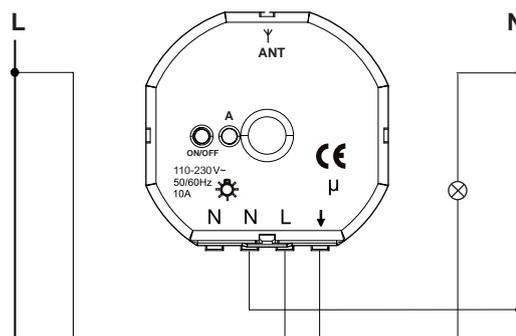
### Dimensions (mm)

- H x W x D : 42 x 40 x 12 mm without cables.
- Cables length: 270 mm.



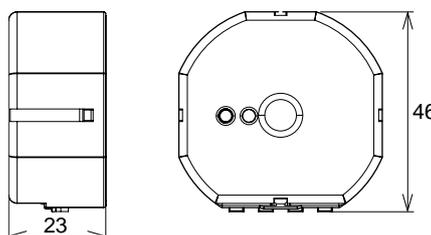
## Universal receiver relay – CCT1A031

### Connection



### Dimensions (mm)

- H x W x D : 46 x 46 x 23 mm without cables.
- Cables length: 200 mm.



## Wireless (cont'd)

### Programming

#### Introduction

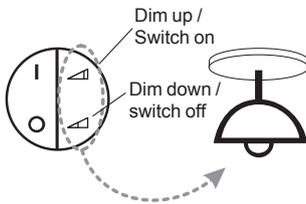
- The wireless system is used for wireless control of lamps and other electrical equipment.
- The system consist of emitters, receivers and combined modules containing both emitters and receivers.
- The wireless products can be programmed and thus linked with 2 different programming modes:
  - Simple link programming.
  - Scenario link programming.
- Each time you program a function between an emitter and a receiver you create a link. Wireless products can contain up to 32 links, except the combined modules which can contain up to 64 links.

#### Simple link

Simple links are used to link 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.

A Simple link is always using the 2 poles of a key :

- top: to switch-on / dim-up / open;
- bottom: to switch-off / dim-down / close.

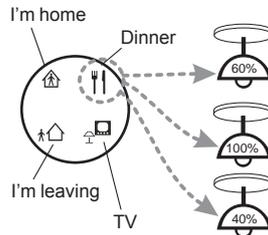


#### Scenario link

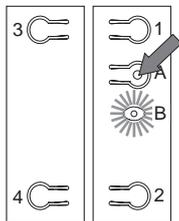
Scenario links are used to get predefined lighting atmospheres with just one press of a key. They are particularly useful when the receivers are dimmers.

With a Scenario link, each pole is independant and activates its scenario.

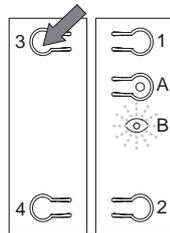
A "Turn off all" function should be programmed into all Scenario link.



#### Emitter(s) programming



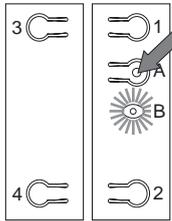
Start the programming by pressing the programming button **A** once.  
LED **B** lights up RED.



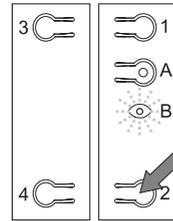
Before 5 s, select the pair of keys you want to use: press **3** or **4** to select the left side (it makes no difference whether you press **3** or **4**), or press **1** or **2** to select the right side.  
LED **B** flashes RED.

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

#### Emitter(s) programming



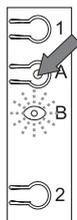
Start the programming by pressing the programming button **A** twice.  
LED **B** lights up GREEN.



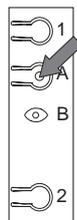
Before 5 s, select a key: press **1** or **2** to select the top or bottom part of the right side or press **3** or **4** to select the top or bottom part of the left side.  
LED **B** flashes GREEN.

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

#### Receiver(s) programming

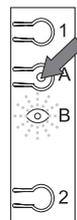


Select the receiver by pressing the programming button **A** once.  
Wait until LED **B** flashes RED (after 5 s with a combined module).  
Repeat this operation on other receiver(s) if needed.

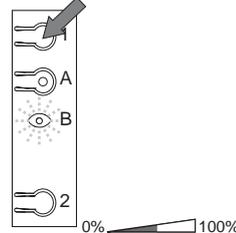


Finish the programming by pressing programming button **A** of any receiver.  
All LEDs are switched off.

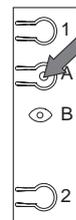
#### Receiver(s) programming



Select the receiver by pressing the programming button **A** once.  
LED **B** lights up RED and then 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** (long push).  
If the receiver has a relay function, set the state you want (on/off) by pressing the same buttons.

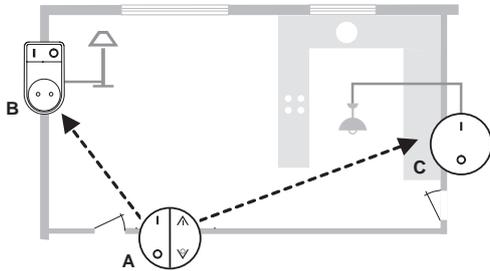


Finish the programming by pressing programming button **A** of any receiver.  
All LEDs are switched off.

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

## Simple link example 1

### Light control

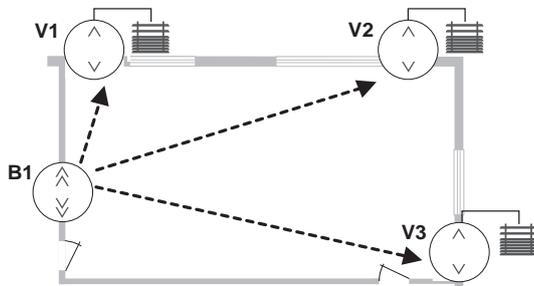


In this example, the battery-powered push-button **A** controls:

- 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**.

## Simple link example 2

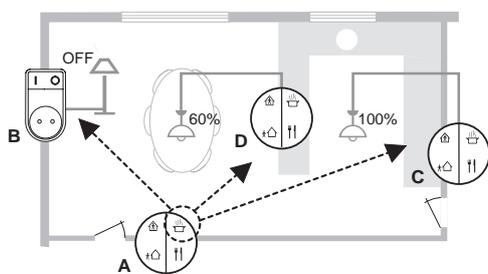
### Roller blinds centralisation



The 3 combined modules for roller blinds **V1**, **V2**, **V3**, (receivers) are installed in place of the existing controls.

The battery powered push button **B1** (emitter) is used for the centralisation command; it can be fixed onto the wall anywhere. **B1** is associated to **V1**, **V2**, **V3** by a Simple link.

## Scenario link example



In this example, the battery-powered push-button **A** contains the favourite lighting scenarios. When the family wants to prepare food, pressing the "food preparation" Scenario symbol will cause:

- the lamp connected to **B** to be turned off,
- the ceiling lamp above the dining table connected to **D** to be adjusted to 60%,
- the ceiling lamp in the kitchen connected to **C** to be set to 100%.

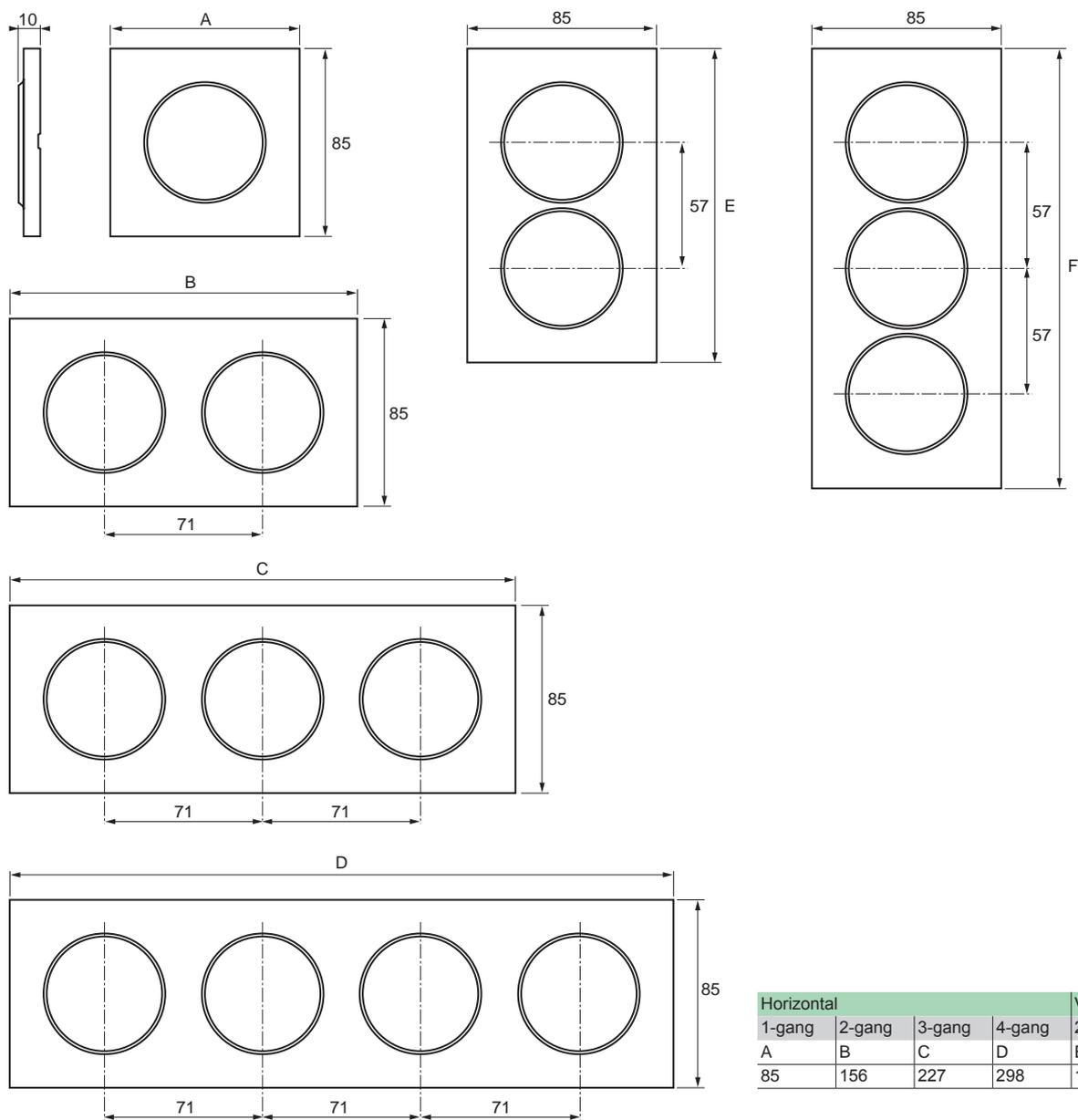
In the same way, pressing the "eating" Scenario symbol activates a different light combination involving **B**, **C** and **D**.

Finally, pressing the "I'm home" symbol will cause all lamps to be switched-on at full strength; the "I'm leaving" symbol switches everything off.

## Cover frames

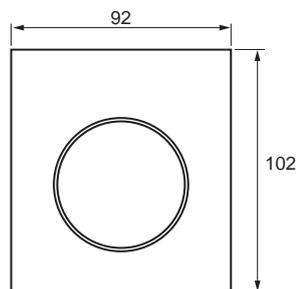
### Dimensions (in mm)

#### Odace Styl



Horizontal				Vertical	
1-gang	2-gang	3-gang	4-gang	2-gang	3-gang
A	B	C	D	E	F
85	156	227	298	142	199

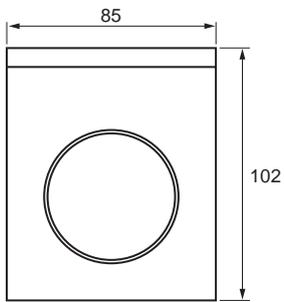
#### 1-gang, IP44



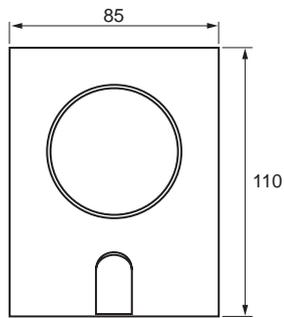
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## Dimensions (in mm)

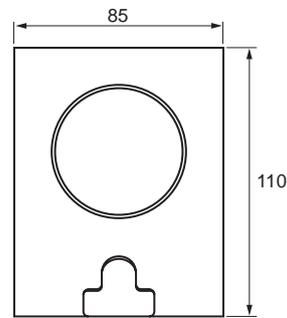
### Odace Styl - Accessories



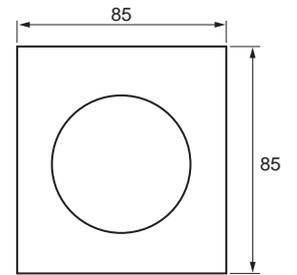
1 gang, accessory mobile



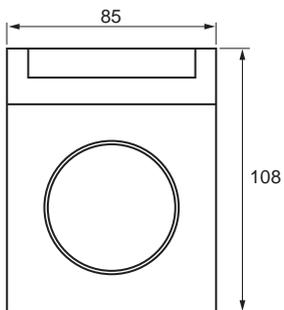
1 gang, accessory key holder



1 gang, clip



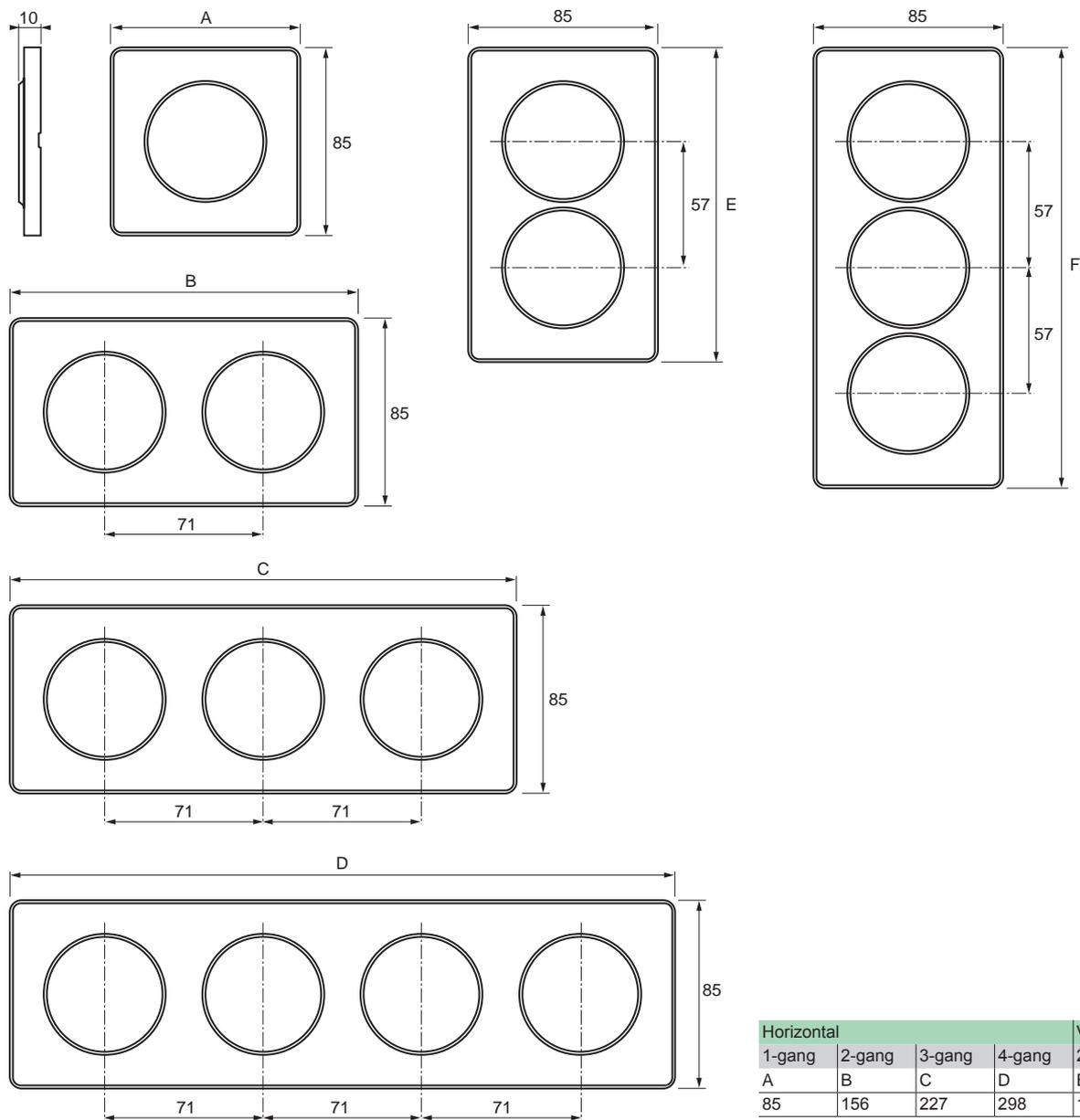
1 gang, cover



1 gang, label holder

## Cover frames (cont'd)

Odace Touch, Touch Aluminium, You and You Evolutive



Horizontal				Vertical	
1-gang	2-gang	3-gang	4-gang	2-gang	3-gang
A	B	C	D	E	F
85	156	227	298	142	199

Ref.	page								
ALB57284	56	S520485	45	S520714D	70	S521089	43	S530266	30
ALB57288	56	S520486	45	S520714E	70	S523049P	43	S530273	30
CCT1A000	63	S520487	53	S520714G	70	S523059P	43	S530276	31
CCT1A010	63	S520488	53	S520714H	70	S523204P	28	S530283	40
CCT1A020	62	S520494	53	S520716	70	S523702P	70	S530285	32
CCT1A021	62	S520496	53	S520716A1	70	S525033	44	S530296	31
CCT1A022	62	S520497	53	S520716B1	70	S525039	44	S530297	34
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