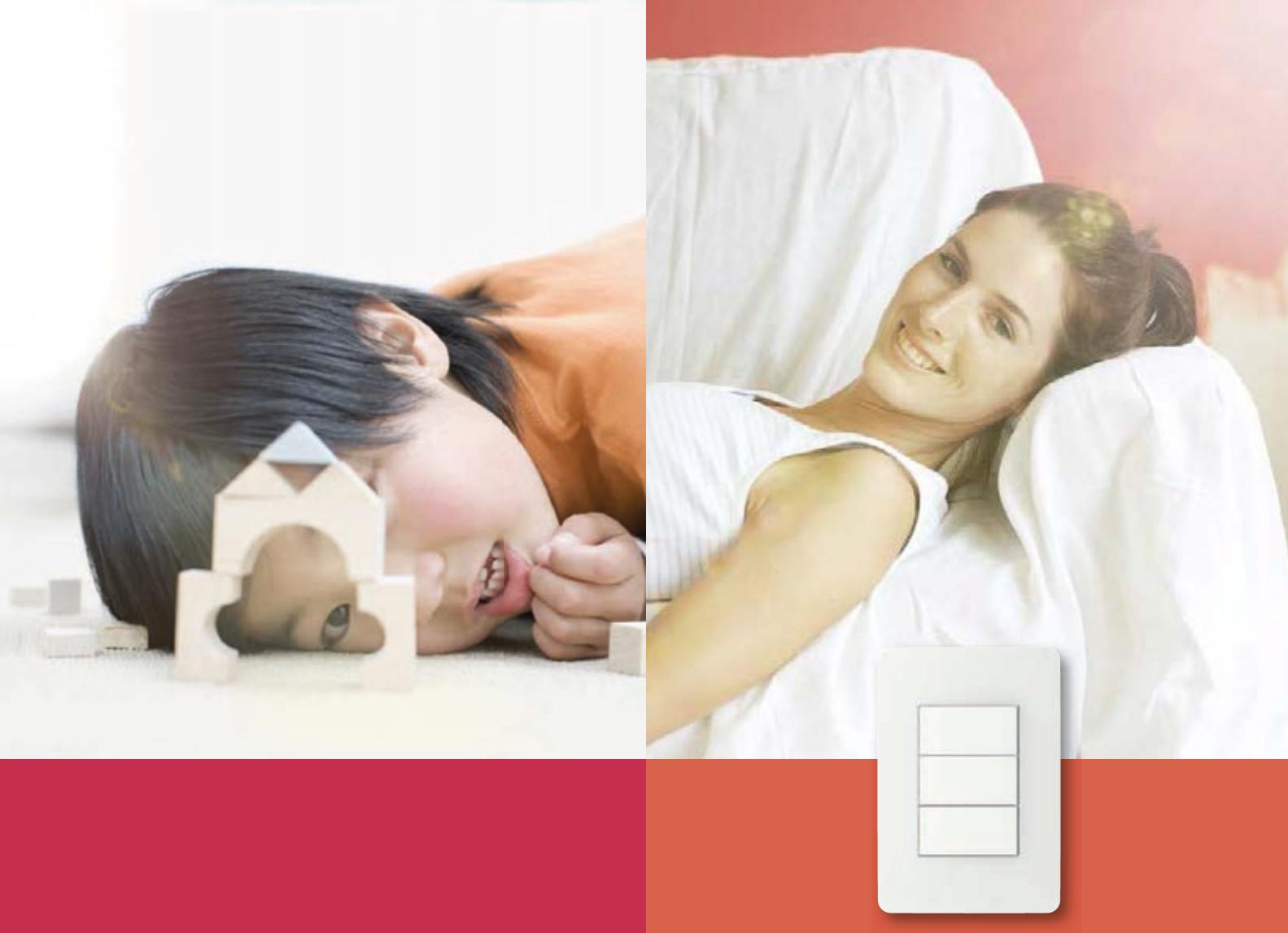


**SWITCHES
AND
SOCKETS**



ORION
General Catalogue

Schneider
 **Electric**™



SYSTEM ORION

AN UNIVERSE OF POSSIBILITIES

Design, technology, and intelligence integrated into one system – that is System Orion. By providing endless functions and three design variants it grants the greatest possible flexibility on design and functionality.

ORION ESSENCE

THE NEW STAR OF FUNCTIONALITY

Take the opportunity to simplify everyday life with the practical and modern design of Orion Essence. Adapted to suit every individual way of living, these cover frames offer whatever feature is required in the colour desired.



ORION MATERIALS

CHROME & ALUMINIUM DESIGN

Providing an elegant appearance by chrome or aluminium, Orion Materials perfectly enrich contemporary ambiences.



ORION YOU

DESIGN MADE BY YOU

Dare to mix and match colours and combinations to make every interior truly unique. Anything goes when it comes to expressing passion as well as generating a good mood in living spaces.



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AN UNIVERSE OF POSSIBILITIES

Orion is the new modular system platform of Schneider Electric, perfectly matching every individual lifestyle. The Orion universe with more than 570 references offers extensive possibilities and combinations, from classical switches and socket-outlets up to electronic inserts, dimmers, multimedia socket-outlets and many more. All this perfectly answers unlimited wishes on style, material and function. Discover the three innovative, timeless design variants, maximum flexibility through various functions for any purpose, completed by boundless customisation choices. Orion will always have the perfect solution.





ORION
ESSENCE

A NEW STAR OF FUNCTIONALITY

Orion Essence is the combination of straightforward, clearly defined shapes and high-quality surfaces. With its timeless, classic appearance this design variant offers a number of remarkable features: shiny or satiny finishing, the screwless cover frames and smooth curves blend with the ambience. The range embraces nine classic cover frame colours as well as five function colours, both in shiny or satiny finishes. Furthermore, Orion Essence is environmentally responsible, too.



Orion Essence
White



Orion Essence
Ivory



Orion Essence
Beige



Orion Essence
Black



Eco-designed: purposely developed with special consideration for the environmental impacts of the products.



Orion Essence
Planet Brown



Orion Essence
Axis Grey



Orion Essence
Gamma Silver



Orion Essence
Horizon Gold



Orion Essence
Stellar Black

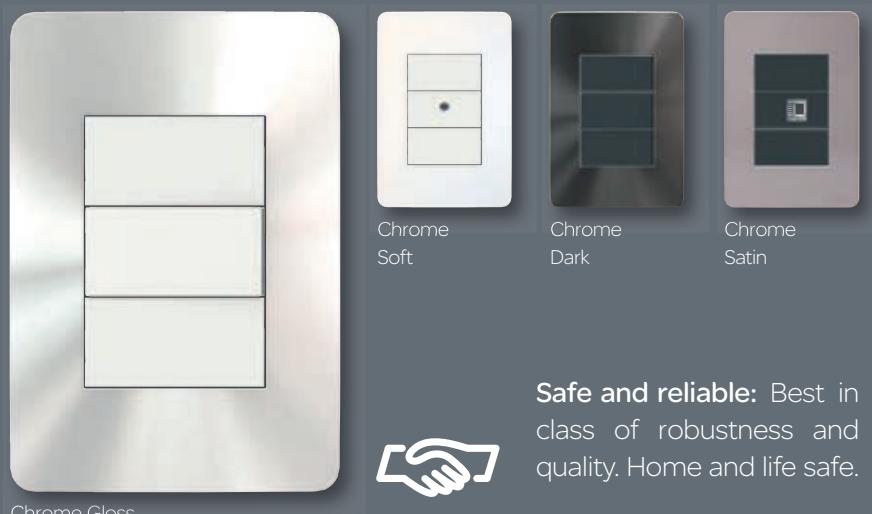
ORION
MATERIALS



HIGH TECHNOLOGY MATERIALS

CHROME

Chrome is not just chrome. There's light and dark, satin and soft. Whatever your customers prefer it always conveys high standard. The four available high-end cover frame colours of Orion Materials Chrome express elegance at its best.



Safe and reliable: Best in class of robustness and quality. Home and life safe.



ALUMINIUM

Experience the combination of solid aluminium with its unique surface and a range of modern colours. Eight available cover frame colours of Orion Materials Aluminium perfectly complement modern interior.





ORION

ORION UNIVERSE - When developing this modular platform we had a clear vision: creating a switch range, that matches personality, focussed on two main aspects: how should it look like and what functions are needed in daily life. We are convinced that the Orion design variants perfectly answer to every individual interior. Whether you like a sophisticated colour palette or you prefer a rather colourful and contemporary design, Orion will underline your style. Furthermore Orion will make buildings more safe and comfortable, from classical electronic functions to highly evolved multimedia cable functions, thus simplifying daily life. Discover the Orion Universe! Switches you will admire.

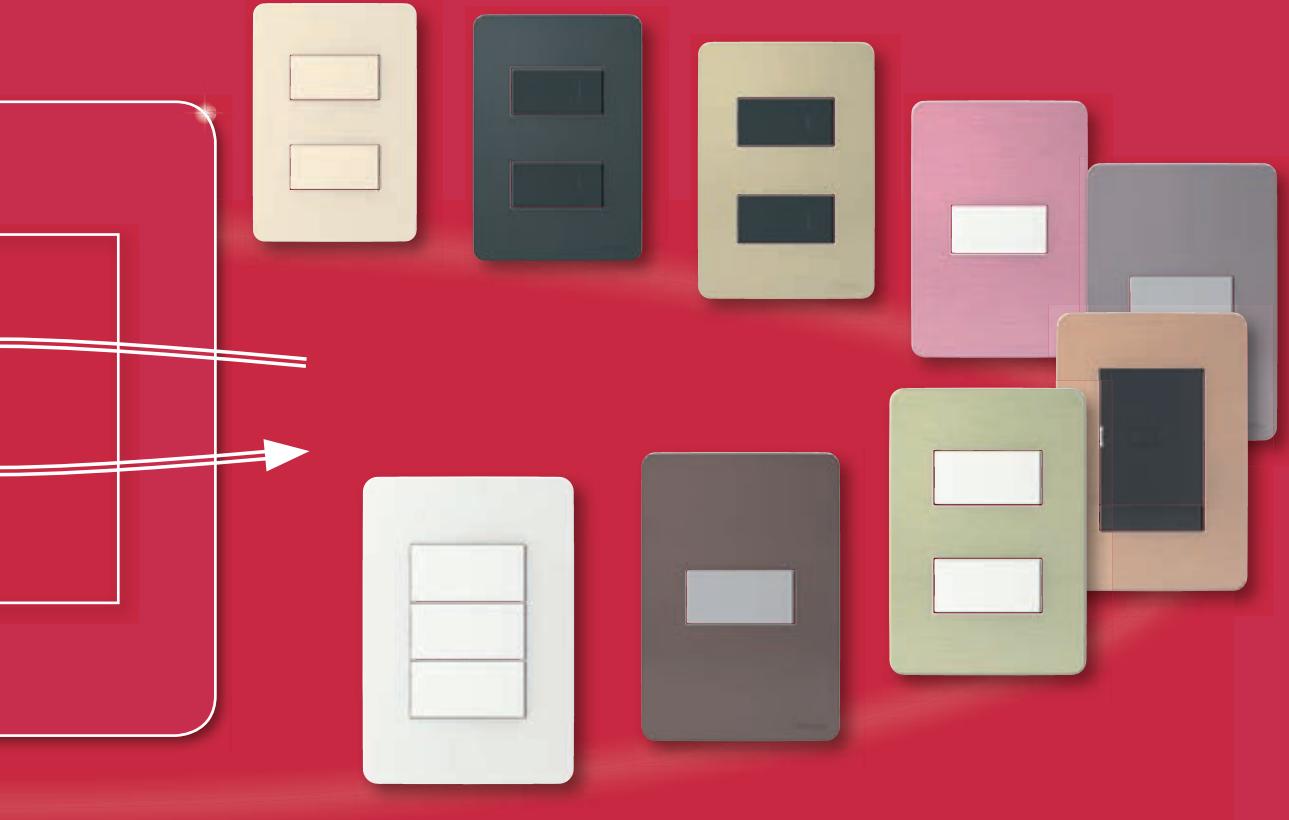
CREATE AN INDIVIDUAL...



Orion Essence: Classic design in universal colours always keep the look clean. Its simplicity and reduced thickness on the wall underline this timeless design.

- Classic design in universal colours
- Smooth and shiny surface for a clean and fresh appearance
- High resistance and durability including UV additive protection

ORION UNIVERSE



Orion Materials: Its light metals excellently flow in any ambience while looking like floating on the wall.

- Chromed or metallic finishes expressing technology, modernity and high standard
- Three colours of back parts matching with modules in white, graphite and aluminium
- Front: painted with chromed colours or covered by aluminium surface



**ORION
YOU**



ORION YOU BRINGING IDEAS TO LIGHT



Personalise ambience just as desired. Thanks to its removable transparent front part, Orion You gives the opportunity to change the look of switches as taste and mood change. Dare to mix and match colours, patterns, and combinations to make interiors truly unique.

UNLIMITED PERSONALISATION



Go even further and celebrate passion down to the finest detail by using the same patterns from elsewhere in a building to create a sensational switch.



MIX &
MATCH

VISUALISE YOUR DESIGN OPTIONS WITH THE MIX & MATCH APP

The Schneider Electric Mix&Match app helps you see your full range of options so you can experiment and select your perfect one.

Mix&Match comprises a multitude of specific Orion You designs created by renowned designers. Thanks to the wide creative scope, you can personalise your Orion You switch covers in the app and immediately see the result on your screen, displayed in the real-life setting of a building.

> mixandmatch.schneider-electric.com

Available on the App Store
GET IT ON Google play

ORION: A SOLUTION FOR EVERY ROOM IN THE HOUSE

The Orion range of electrical fittings qualifies equipping homes with practical, ergonomic solutions for the ultimate in comfort, safety and connectivity.



Digital dimmer push-button
for LED lamps

LIVING AND DINING ROOM

The perfect light level

- With comfortable dimmer push-buttons the perfect atmosphere can be set easily



Timer
push-
button

HALLWAY

The efficient path to savings

- Time delay switches can be preset to how long the lights stay on in high-traffic areas



Movement detector

LAUNDRY ROOM

Practical and easy to use

- Presence detectors turn lights on and off automatically
- Pretty practical while residents are carrying things
- Lights turn off automatically when leaving a room, thus saving energy



BATHROOM

Wellness all day long

- Ventilation control switch keeps fresh air in and humidity out for enhanced comfort and safety
- Various cover frames perfectly match with each bathroom decor

Fan speed control



BEDROOM

The perfect place to sleep

- Dimmer switches make waking up easy thanks to soft, gentle light

Assembled
rotary dimmer
for LED lamps



ENTRANCE HALL

Smart electricity

- Lightable switches mean no more fumbling around in the dark
- Switches with locator lamp let residents see whether outdoor or garage lights have been left on, without the need for checking rounds each night

Buzzer
push-
button



USB charger

HOME OFFICE

Multimedia connectivity

- The USB charger keeps smartphones just in the perfect place
- The RJ45 data socket keeps all multimedia connections at your fingertips



Special
cover frame
for thin panels

KITCHEN

Functional practicality

- This special cover frame for thin panels allows to install extra socket-outlets on panels or furniture like American island units.



EFFICIENTLY LIGHT UP YOUR LIFE WITH ORION!

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



Digital dimmer push-button for LED lamp: Light control with soft pulses from any point of the ambience.



Rotary dimmer for LED lamps: It's simple to create the perfect ambience and save energy.



Fan speed control: Compatible with standard fans in the market.



Timer push-button: When energy saving is needed, the time the lamps need to be on can be adjusted.



Movement detector: Choose when and how long the lights stay on in passage areas.



Card switch: Energy is released to the accomodation (when the card is inserted) and switched off as soon as (it/the card) is removed.



STAY CONNECTED WITH ORION

Help your customers to stay comfortably connected to their multimedia devices. With Orion you can choose from a full range of multimedia socket-outlets and connectors. It's as simple as plug and play!



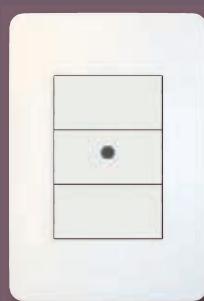
USB data connector:
Show images from digital camera directly on a TV screen.



HD15 data connector:
Always an easy point to connect devices, without any kind of adaptation.



HDMI socket-outlet:
Fast and easy connection of any kind of devices via plug & play.



Mini-Jack socket-outlet:
Easy and comfortable listening to music.



Electronic doorbell:
Five melodies available to choose from and to differentiate entrances.



USB charger:
Charge smartphones easily, directly from a socket!





EASY CONNECTION WITH MULTIMEDIA SOCKET-OUTLETS

Orion is compatible with the mobile lifestyle, supporting all common devices, like smartphones, tablets and other multimedia equipment. All functions are totally integrated into the design of Orion switches and socket-outlets. Easily installed, there is always a comfortable point to connect devices quickly, without additional adaptation necessary.



USB Charger: can be installed with existing energy cables, without any adaptation. Up to three chargers in the same box possible or on the same socket-outlet box! Very easy to install thanks to clear installation marks.



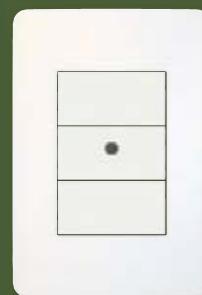
USB Data Connector: connection of a tablet to this socket-outlet, facilitates to show images on a TV screen. Very easy to install thanks to clear installation marks.



HDMI pre-wired: direct connection of a camera to this socket-outlet, also enables to show images on a TV screen. Plug&Play installation, made easy thanks to pre-wired solution.



HD 15: connection of a notebook to this socket-outlet, facilitates to show images on a TV screen. Plug&Play installation, made easy thanks to pre-wired solution.



Mini Jack 3,5 connector: connection of a headset to this socket-outlet makes it possible to also listen to favorite music. Very easy to install thanks to clear installation marks.

COMFORT AND EFFICIENCY WITH ORION

It's simple to create the perfect ambiance and save energy. Discover maximum flexibility with a wide range of electronic functions. With antibacterian additive (white version), avoid cross-contamination. Ideal for hospitals, hotels, offices, schools and residences.



Dimmer for dimmable LED lamps:
Have the best dimming result.
Follow the LED trend. Compatible
with leading edge LED lamps.
Bivoltage 50/60Hz



Dimmer for resistive lamps: When conventional resistive lamps are used, you can control it with our dedicated dimmer, with the best dimming result. Fits the conventional market of resistive lamps. Two different options: 127V 50/60Hz or 220V 50/60Hz.



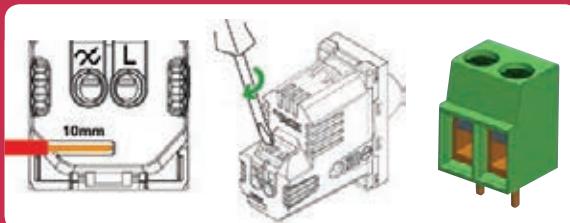
FAN speed control: Compatible with standard market fans. Two different options 127V 50/60Hz or 220V 50/60Hz.

SPECIAL FEATURES:

DIMMERS AND FAN SPEED CONTROL

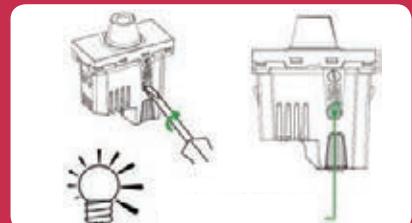


Product activation: 300* rotary setting for dimmers and fan speed control (on/off integrated)



Easy connection: via intelligent terminal blocks

LED DIMMERS



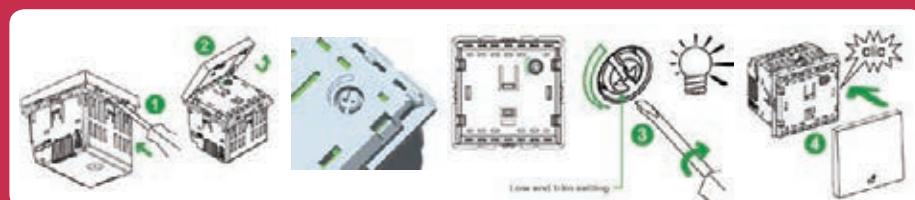
Easy adjustment: of minimum luminosity operation



Digital dimmer for dimmable LED/resistive lamps:
Light control with soft pulses. Also can be controlled by simple push buttons installed in parallel at any point of the ambience. When energy saving is needed, you can control it with the dedicated digital dimmers, offering best dimming results. Compatible with resistive or leading edge LED lamps, following the LED trend.
Bivoltage 50/60Hz

Lightable: An additional pilot lamp can be added to help localising the dimmer, when light is off

SPECIAL FEATURES OF ORION DIGITAL DIMMERS



Easy adjustment: of minimum luminosity operation



Easy connection: via intelligent terminal blocks

PERFECT AMBIENCE WHILE SAVING ENERGY

Orion offers perfect solutions on most efficient and comfortable controlling of lights being switched on or off automatically. Timer push-buttons, movement detectors or also card switches are facilitating to choose when or also how long the lights are staying on before being switched off.



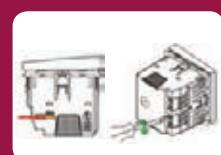
Electronic timer push-button: control how long lights are staying on in high-traffic areas.

Lighting up the lamps with just one soft pulse. Can be controlled by simple push buttons installed in parallel at any point of the ambience. Antibacterial additive (white version). Bivoltage 50/60 Hz

Lightable: An additional pilot lamp can be added to help localising the push-button when light is off



Adjustment of time operation: from 15 seconds to 2 minutes



Easy connection: via terminal blocks



Movement detector: control how long lights are staying on in passage areas.

Light sensitivity adjustment: allows to switch on the lamps only when the ambience light is not enough, preventing that lamps be on without need, as in areas which have natural lighting during the day (Adjustable from 0 to 70 Lux). Time adjustment: choose how long the lights will stay on after a movement detection (Adjustable from 15 to 2 minutes). Bivoltage 50/60 Hz



Adjustment of time and light sensitivity operation



Easy connection: via terminal blocks



Card switch: when inserting the dedicated card, the energy is released to the ambience. When the card is removed, automatically all the system is shut down, preventing any equipment stay on without need. It's modularity allows to use a single switch in the same 4"x2" box, to control an independent light circuit, as a lamps to illuminate the room entrance before insert the card, for example. An incorporated timer keeps the system on after some time after to remove the card, ensuring that the person will have lights on until leave the room (loads are turned off 30 seconds after access card Removal). Bivoltage 50/60 Hz



Possible assembly configurations

Dedicated access card (optical detection)

Incorporate lamp for localisation in darkness



Easy connection: via terminal blocks



Electronic doorbell 5 sounds: best solution to identify different entrance calls.

Very easy to program the sounds. Adjustable volume sound.



Adjustment of volume sound



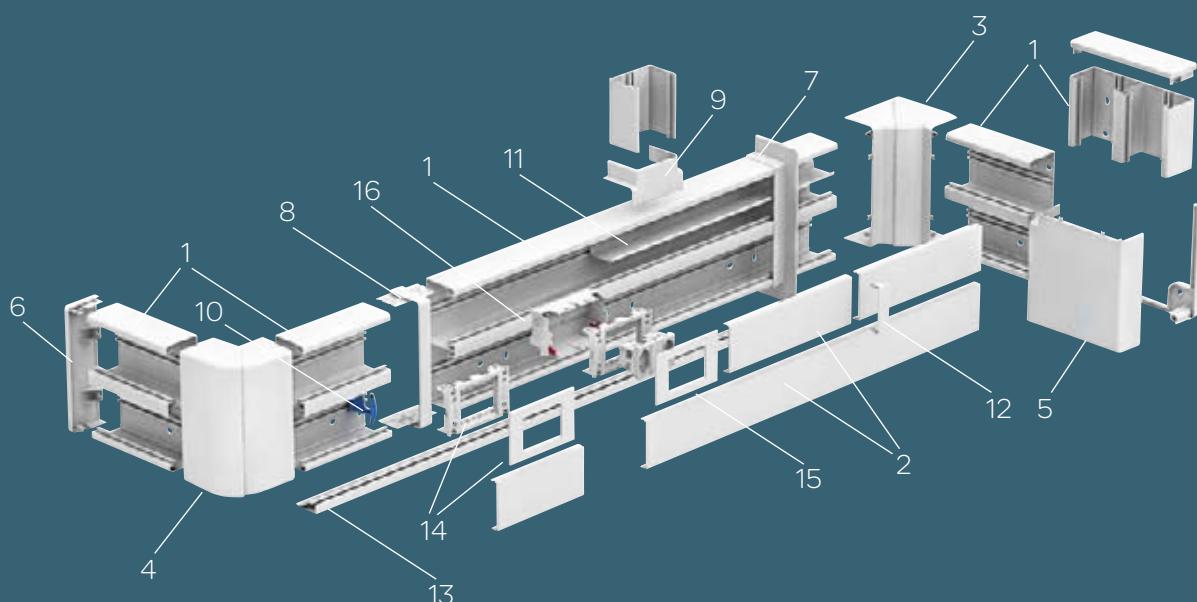
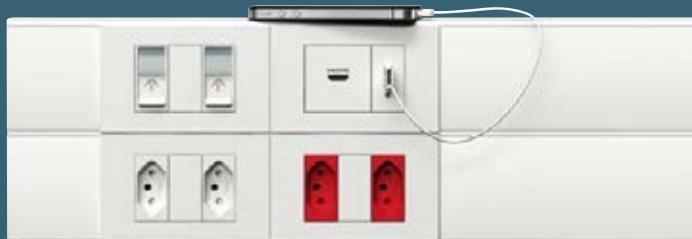
Easy connection: via terminal blocks



CONVENIENCE IN OFFICE BUILDINGS - ORION & OPTILINE 70

OptiLine 70 is a universal installation trunking system for all types of wiring devices. The trunking are available in two materials: lead and cadmium-free PVC or aluminium. OptiLine 70 trunking gives the user reliable access to power, telephone and data close to the workplace offices, conference rooms, and commercial buildings. The trunking has excellent universal functions, both as an installation trunking for wiring devices and as a mere feeder trunking.

It's the click-in technique, making Optiline 70 a fast, flexible and very time-saving installation system. This professional solution for office or public buildings grants total access and full control at an arm's length. At every desk and table. The dedicated Orion adapter and boxes give increased safety and additional installation benefits.



- | | | | |
|--------------------|---|---------------------------------------|---|
| 1. Trunking base | 5. Bend, 90°, including wall fixing | 9. T-piece | 13. Sealing strip |
| 2. Front cover | 6. Stop end | 10. Cable retainer | 14. Adapter with front plate |
| 3. Internal corner | 7. Wall/Ceiling frame | 11. Cable shelf | 15. Outlet kit incl. adaptor, front plate, outlet |
| 4. External corner | 8. Joint cover piece with jointing pieces | 12. Joint cover piece for front cover | 16. Installation box for adaptor |



ORION TERTIARY SOCKETS

Inside the comprehensive portfolio of Orion solutions there are also several duplex energy socket-outlets mostly dedicated for hospitals and medical centers.

The innovative adaptation to the design range is making it pretty easy and practical to combine the inserts with the various cover frames.

Furthermore all applications are scalable, thus making them the perfect choice for hospitals, hotels or office buildings.

OVERVIEW OF ORION DUPLEX ENERGY SOCKET-OUTLETS



EASY TO LIVE WITH

All Orion duplex energy socket-outlets are already assembled with fixing frames. Furthermore they are indicated by different colours and configuration to differentiate the circuits.



AN UNIVERSE OF BENEFITS



Innovative & timeless design: With its strong visual identity, Orion follows the latest trends and technologies as for interiors and ergonomics. Thanks to its multitude of functions and designs, the offer is convincingly flexible, thus adapting to individual requirements at any time.



Installation-friendly & simple: All Orion components, functions, and features are designed to make the installation easier, faster and safer – that is much more efficient. A huge number of accessories can be added, offering the right balance between simplicity and a broad choice of features. Modular or assembled Orion answers to all requirements for every premium installation.



Safe & reliable: Orion complies with all common quality standards and approvals. Comprehensive preventive quality controls ensure further safety. In addition to its robustness and high-quality perception, Orion offers several functions making life safer: child protection, antibacterial offer, UV additive protection or switches with silver contacts for more security and durability are just a few examples for guaranteeing perfect satisfaction.



Eco-friendly: Following official eco-design rules, Orion contributes to environmental protection through defined control parameters. As a matter of course, Orion stands for a responsible use of resources. RoHS & REACH compliancy further strengthens the concentrated efforts for environmental protection.

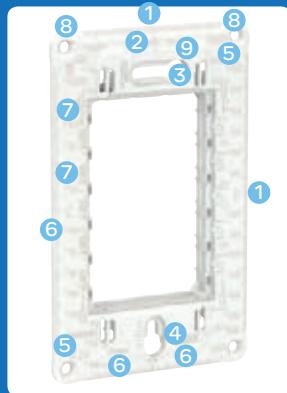


Brand value: Schneider Electric provides ingeniously designed solutions to enhance people's life. With Orion products you will benefit from the cooperative support of a globally established brand. We create technology bringing buildings to life.

ORION FIXING FRAMES

The Orion "framework" was developed to achieve a high robustness as well as to facilitate and accelerate the installation process. Therefore Orion fixing frames offer a multitude of practical features.

OVERVIEW OF FEATURES



Fixing frame front view

1. Ruler for helping in installations (possible lines on walls)
2. Centering horizontal/vertical (help for easy installation)
3. Angle regulation marking (making regulation visible)
4. Height regulation marking (making regulation visible)
5. Diameter of screw for corners fixation (panels)
6. Brand and range marking
7. Screw driver positions for dismount functions
8. Level step (easier to support level on the corners)
9. Grid to reinforce
10. Step for better adjustment for hollow and wall boxes
11. Continues frame to reinforce



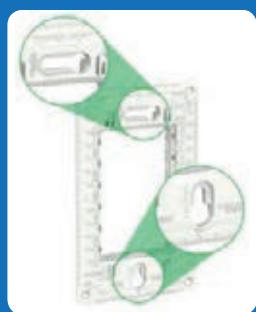
Fixing frame back view

CLIPPING SYSTEM

With the practical and reliable clipping system, single modules can easily be removed from the front while preserving the other assembled parts. Robust points of pressure secure a great fixation inside the (fixing)frame at the same time.



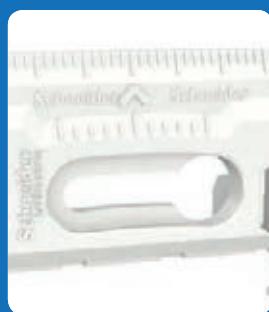
FURTHER FEATURES



Oblong holes allow perfect adjustment



With their particular length and high stability resulting from the steel dichromate material, installation is further simplified, even with difficult box conditions. Marks for removing the modules make the job more intuitive. Screws are delivered in the back part to avoid it's lost.



Fixing-frame design seems to wear the wall as it is totally adjusted. After being installed it is very robust and resistant to screw pressure to avoid deformation.

ORION COVER FRAMES

As the figurehead of each switch, the Orion cover frames feature smart details for easy installation and distinguished appearance.



Orion Essence

- Reinterpretation of classic design with universal colours
- Smooth and shiny surfaces always keep the look clean
- One piece produced in ABS for high resistance and durability
- With UV additive protection for a prolonged "new" look
- 4 natural shiny colours
- 5 painted colours
- Can be used with any module colour (white, ivory, beige, graphite and aluminium)



Orion Materials Chrome

- High-end design with modern
- Chromed surfaces express technology and high standard
- Front part produced in ABS and painted with chromed colours
- 4 chromed colours
- Back part produced in ABS for high resistance and durability
- 3 colours of the back part matching the modules' colours (white, graphite and aluminium)



Orion Materials Aluminium

- High-end design with modern
- Aluminium surfaces express modernity and high standard
- Front part covered by aluminium surface
- 8 real metal colours
- Back part produced in ABS for high resistance and durability
- 4 colours in the back part matching the modules' colours (white, beige, graphite and aluminium)



With the practical clipping system, the cover-frame can perfectly be adjusted into the fixing frame.



Easy removing of the cover frame via dedicated removing points.



Special cover frame for thin panels: This practical solution allows installing an Orion module in any place, without any box – directly in wood, metal, furniture or (many) other materials.

GENERAL FEATURES

As a matter of course Orion follows the latest trends and technologies with regard to ergonomics and comfortable installation. Even the back parts and mounting elements offer quite innovative features, making each integration of components as practical, time-saving and safe as possible.



Open contacts simplify and accelerate installation.



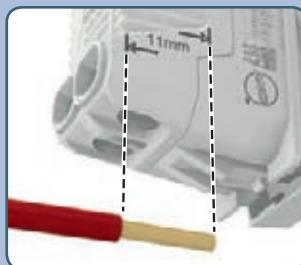
With the combined slots in terminal screws, the preferred screwdriver type can be used for installation.



Clear terminal marks further support straight installation.



Ergonomic grips at on each side of the module casing prevent from slipping or dropping.

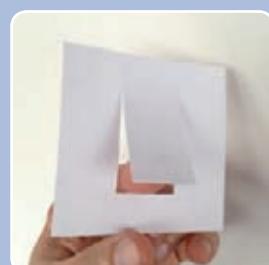
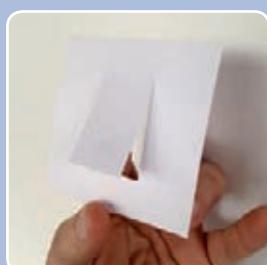


A ruler to guide cable strip length.



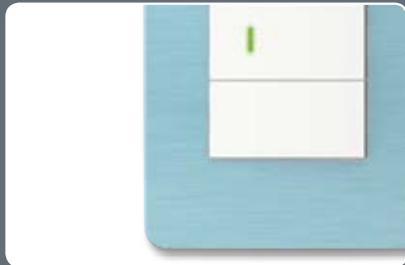
With a choice of rockers and pictograms, the products can easily be customised as required – at any time.

DESIGN MODULES CRATION CONCEPT

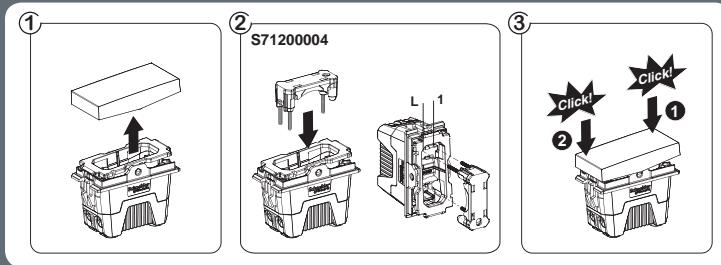


SPECIAL FEATURES

Orion offers a wide range of switches and push-buttons, socket-outlets and accessories – all rounded out by a multitude of intelligent features. All components of this modular platform are created to match distinctive personalities, focusing on two main aspects: how should it look like and what functions are needed in daily life?

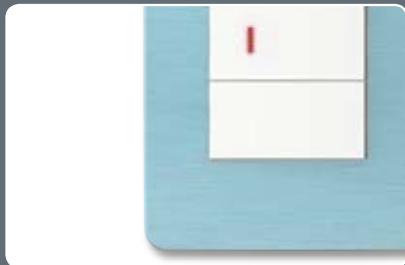


Green pilot lamps can be inserted via plug & play concept for resistive loads

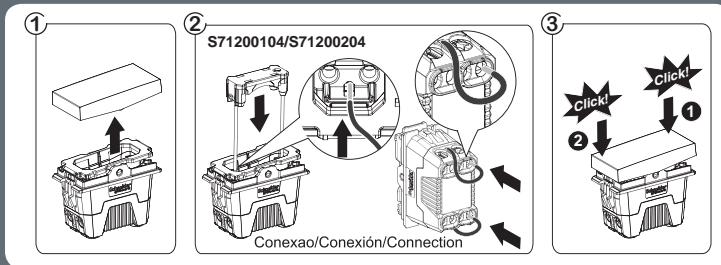


Quick installation: 1) Remove the rocker 2) Put the pilot lamp inside the switch 3) Click on the rocker again.

NOTE: Can be used for one-way and two-way switches, push-buttons, and other inserts. For resistive loads only (halogens or incandescent lamps).



Red pilot lamps can be used with any kind of load, since it's connected to a dedicated neutral, to avoid load interference

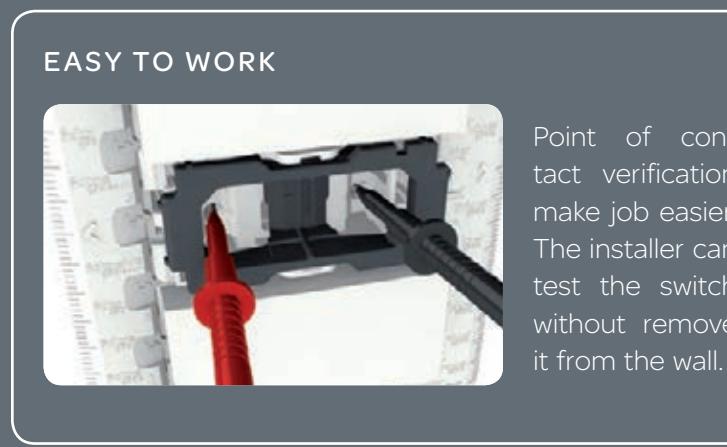


Quick installation: 1) Remove the rocker 2) Put the pilot lamp inside the switch 3) Install the cables 4) Click on the rocker again.

NOTE: Can be used for one-way and two-way switches, push-buttons, and other inserts. Can be used with any kind of load, since it's connected to a dedicated neutral.



1/2 module versions allow to use 6 switches in the same 4"x2" cover frame and even up to 12 switches in a 4"x4" cover frame.



ORION SOCKET-OUTLETS

GENERAL FEATURES

The Orion system comprises multiple variants of socket-outlets. From classical energy sockets with screw terminals or a very comfortable screwless version to screwless duplex socket-outlets and innovative multimedia or data socket-outlets – Orion leaves no requirement unanswered.



Energy sockets with screw terminal are available for different purposes of use.



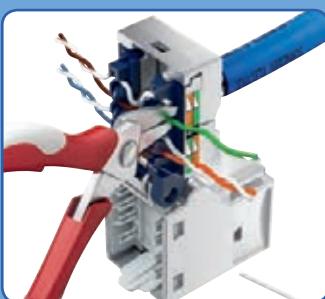
Different colours of energy socket-outlets facilitate differentiation of circuits, thus achieving increased clarity and safety.

NETWORK CONNECTIVITY: ORION RJ45 MODULE

The innovative RJ45 connector is easy to handle and cable, with intuitive connections that save you time.



Practical and reliable, thanks to the label holder and dust window protection



Insert the cable into the central U-shaped slot. 360° earthing is automatically ensured once the cable is held securely in place by the smart clamp.



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.

ORION SOCKET-OUTLETS

SPECIAL FEATURES



Screwless energy sockets obviously save time, while coloured pression buttons make the installation even more intuitive.



In addition jumpers can be done in a different moment of main cable installation (cables can be individually installed).



Screwless internal cable clipping system: The individual clamping system guarantees perfect and safe cable connection even with different diameters.



Screwless duplex energy sockets save time on installation, while coloured pression buttons make the installation more intuitive as well.



It is also possible to do jumpers to other socket-outlets in a different moment of main cable installation (cables can be individually installed).



Internal jumper makes the installation safer, faster and more economic.



CHILD PROTECTION

The innovative child protection (shutter) in all Orion socket-outlets grants further safety. The energised contacts are only opened when a plug is correctly inserted, i.e. with two points of contact, at same time and angle. The single contacts can thus not be reached with any other tool.





S70100104



S70110104



S70100304



S70110404



S70110504

Switches and push-buttons

Common characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

10 AX – 250 V AC switches

10 AX one-way

Colour	1/2 module	1 module
<input type="checkbox"/> white	S70100104	S70110104
<input checked="" type="checkbox"/> aluminium	S70100174	S70110174
<input checked="" type="checkbox"/> graphite	S70100194	S70110194

10 AX two-way

Colour	1/2 module	1 module
<input type="checkbox"/> white	S70100304	S70110304
<input checked="" type="checkbox"/> aluminium	S70100374	S70110374
<input checked="" type="checkbox"/> graphite	S70100394	S70110394

10 AX double pole one-way

Colour	1 module	1 module
<input type="checkbox"/> white	S70110204	S70110404
<input checked="" type="checkbox"/> aluminium	S70110274	S70110474
<input checked="" type="checkbox"/> graphite	S70110294	S70110494

10 AX intermediate

Colour	1 module	1 module
<input type="checkbox"/> white	S70110504	S70110504
<input checked="" type="checkbox"/> beige	S70110564	S70110564
<input checked="" type="checkbox"/> ivory	S70110584	S70110584
<input checked="" type="checkbox"/> aluminium	S70110574	S70110574
<input checked="" type="checkbox"/> graphite	S70110594	S70110594

10 A – 250 V AC push-buttons

10 A

Colour	1 module	1 module
<input type="checkbox"/> white	S70110604	S70110604
<input checked="" type="checkbox"/> beige	S70110664	S70110664
<input checked="" type="checkbox"/> ivory	S70110684	S70110684
<input checked="" type="checkbox"/> aluminium	S70110674	S70110674
<input checked="" type="checkbox"/> graphite	S70110694	S70110694

10 A with "bell" symbol

Colour	1 module	1 module
<input type="checkbox"/> white	S70112604	S70117604
<input checked="" type="checkbox"/> aluminium	S70112674	S70117674
<input checked="" type="checkbox"/> graphite	S70112694	S70117694



S70110604



S70112604

16 AX – 250 V AC switches

Common characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04



S70116104



S70116304



S70118304



S70116204

	16 AX one-way	16 AX two-way
	1 —— L	1 —— L 2 —— L
Colour	1 module	1 module
<input type="checkbox"/> white	S70116104	S70116304
<input checked="" type="checkbox"/> beige	S70116164	S70116364
<input checked="" type="checkbox"/> ivory	S70116184	S70116384
<input checked="" type="checkbox"/> aluminium	S70116174	S70116374
<input checked="" type="checkbox"/> graphite	S70116194	S70116394
	16 AX two-way carter system	16 AX double pole one-way
	1 —— L 2 —— L	1 —— L1 2 —— L2
Colour	1 module	1 module
<input type="checkbox"/> white	S70118304	S70116204
<input checked="" type="checkbox"/> beige	-	S70116264
<input checked="" type="checkbox"/> ivory	-	S70116284
<input checked="" type="checkbox"/> aluminium	S70118374	S70116274
<input checked="" type="checkbox"/> graphite	S70118394	S70116294

25 AX – 250 V AC switches

Characteristics

- Connection: screw terminals
- Clamping connection capacity: 2.5 to 6 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04



S70113104

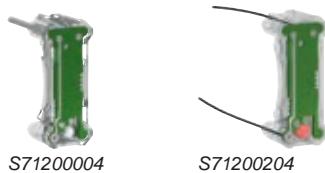
	25 AX double pole one-way
	1 —— L1 2 —— L2
Colour	1 module
<input type="checkbox"/> white	S70113104
<input checked="" type="checkbox"/> aluminium	S70113174
<input checked="" type="checkbox"/> graphite	S70113194

Switches and push-buttons accessories

Pilot LED lamps

Common characteristics

- Ambient air temperature for operation: - 5 to + 35 °C



S71200004



S71200204

Green pilot LED lamp, 0.7 mA - 230 V, plug-play

S71200004

- For switches and push buttons localization on the dark. Turns on only when the load is off
- Can be used with one-way, two-way and intermediate switches and push buttons
- Use only with resistive loads, such as incandescent or halogen lamps**

Red pilot LED lamp, 0.7 mA - 230 V, special installation

S71200204

- For switches localization
- Always ON due to be connected to a dedicated circuit (exclusive Neutral) to prevent current return problems in capacitive loads, such as fluorescent lamps or LED
- Can be used with one-way, two-way and two-poles switches.
- Can be used with any kind of load, since it is connected to an exclusive Neutral (see installation and connection diagram)**

Rockers

Common characteristics

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV



S71201004

S71201704

S71203004

S71201104

S71201204

S71201304

Rocker		
Colour	1 module	1.5 module
white	S71201004	S71201704
beige	S71201064	S71201764
ivory	S71201084	S71201784
aluminium	S71201074	S71201774
graphite	S71201094	S71201794

Rocker with "bell" symbol		Rocker with "light" symbol
Colour	1 module	1 module
white	S71201104	S71201204
beige	S71201164	S71201264
ivory	S71201184	S71201284
aluminium	S71201174	S71201274
graphite	S71201194	S71201294

Rocker with "fan" symbol		Rocker with "stairs" symbol
Colour	1 module	1 module
white	S71201304	S71201604
beige	S71201364	S71201664
ivory	S71201384	S71201684
aluminium	S71201374	S71201674
graphite	S71201394	S71201694



S71200574

Set of symbols / pictograms

Set of symbols to customize Orion switches, sockets and cover-frames

S71200574

Inserts

Comfort controls

Dimmers

Rotary dimmers

	127-220 V LED lamps	220 V resistive lamps	127 V resistive lamps
Colour	1 module <input type="checkbox"/> white S70720129 ⁽¹⁾	1 module <input type="checkbox"/> beige S70720169	1 module <input type="checkbox"/> aluminium S70720064
ivory	<input type="checkbox"/> S70720189	<input type="checkbox"/> S70720084	-
graphite	<input checked="" type="checkbox"/> S70720199	<input type="checkbox"/> S70720074	<input type="checkbox"/> S70710074
Characteristics			
Dimmer control	300 ° rotary setting, ON/OFF integrated		
Rated operational voltage	127-220 V AC, 50/60 Hz	220 V AC, 50/60 Hz	127 V AC, 50/60 Hz
Rated current	1.57 A - 127 V AC 1.81 A - 220 V AC	2.72 A - 220 V AC	2.36 A - 127 V AC
Minimum load breaking capacity	3 W	40 W	40 W
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables		
Ambient air temperature for operation	0 to 50 °C		
Material	ABS established UV		
Certification	NOM ANCE		
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE		
Degrees of protection	IP20/IK04		
Loads			
 Incandescent lamps	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
 Halogen lamps	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
 Low voltage halogen lamps with ferromagnetic transformer	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
 LED lamps	50 W (127 V AC) 100 W (220 V AC)	-	-

⁽¹⁾Antibacterial

Fan speed controls

	220 V	127 V
Colour	1 module <input type="checkbox"/> white S70722124 ⁽¹⁾	1 module <input type="checkbox"/> aluminium S70712124 ⁽¹⁾
aluminium	<input type="checkbox"/> S70722174	<input type="checkbox"/> S70712174
graphite	<input checked="" type="checkbox"/> S70722194	<input type="checkbox"/> S70712194
Characteristics		
Fan speed control	300 ° rotary setting, ON/OFF integrated	
Rated operational voltage	220 V AC, 50/60 Hz	127 V AC, 50/60 Hz
Rated current	1.14 A - 220 V AC	1.18 A - 127 V AC
Minimum load breaking capacity	40 W	
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables	
Ambient air temperature for operation	0 to 50 °C	
Material	ABS established UV	
Certification	NOM ANCE	
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE	
Degrees of protection	IP20/IK04	
Loads		
 Fan, motor	250 W	150 W

⁽¹⁾Antibacterial

Digital dimmer push-buttons



127-220 V LED/resistive lamps

Colour	<input type="checkbox"/> white <input checked="" type="checkbox"/> graphite / <input type="checkbox"/> aluminium	<input type="checkbox"/> 2 modules S70751429 ⁽¹⁾
Characteristics		S70751479
Dimmer control		Controlled by press/pulse: <ul style="list-style-type: none"> ● one single pulse to turn on/off the device ● set by pressing ● memory function integrated (last setting) ● low end trim setting
Local signaling		Green LED lamp
Rated operational voltage		100-240 V AC, 50/60 Hz
Rated current		3.94 A - 127 VAC 1.81 A - 220 VAC
Clamping connection capacity		0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation		0 to 50 °C
Material		ABS established UV
Certification		NOM ANCE
Standard		ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection		IP20/IK04
Loads		
Incandescent lamps		200 W (127 V AC) / 350 W (220 V AC)
Halogen lamps		200 W (127 V AC) / 350 W (220 V AC)
Low voltage halogen lamps with ferromagnetic transformer		200 W (127 V AC) / 350 W (220 V AC)
LED lamps		100 W (127 V AC) / 200 W (220 V AC)

⁽¹⁾Antibacterial



S70751479

Electronic timer push-buttons



5 A 127-220 V

Colour	<input type="checkbox"/> white <input checked="" type="checkbox"/> ivory / beige <input checked="" type="checkbox"/> graphite / <input checked="" type="checkbox"/> aluminium	<input type="checkbox"/> 2 modules S70727129 ⁽¹⁾ S70727189 S70727179
Characteristics		
Time delay		Adjustable from 15 seconds to 2 minutes
Rated operational voltage		100-240 V AC, 50/60 Hz
Rated current		• Resistive: 5 A - 127 V AC • Inductive: 3 A - 220 V AC
Local signaling		Green LED lamp
Connected auxiliaries		Maximum of 15 conventional or 5 light indicator pushbuttons connected in parallel to the output
Clamping connection capacity		0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation		0 to 50 °C
Material		ABS established UV
Certification		NOM ANCE
Standard		ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection		IP20/IK04
Loads		
Incandescent lamps		500 W (127 V AC) - 800 W (220 V AC)
Halogen lamps		500 W (127 V AC) - 800 W (220 V AC)
Fluocompact lamps		150 W (127 V AC) - 200 W (220 V AC)
Fluorescent lamps with electronic ballast		150 W (127 V AC) - 200 W (220 V AC)
Ventilators		150 W
Heaters		150 W

⁽¹⁾Antibacterial



S70727189



S70727179



Movement detectors



5 A - 127-220 V AC

Colour	<input type="checkbox"/> white	■ 2 modules
		S70723109 ⁽¹⁾
ivory / beige	<input checked="" type="checkbox"/>	S70723189
graphite / aluminium	<input checked="" type="checkbox"/>	S70723179
Characteristics		
Movement detector area		6 m (PIR mounting height: 1.2 m)
Detection angle		120°
Selection mode		Automatic
Light sensitivity		Adjustable from 0 to 70 Lux
Time delay		Adjustable from 15 seconds to 2 minutes
Rated operational voltage		100-240 V AC, 50/60 Hz
Rated current		<ul style="list-style-type: none"> ● Resistive: 5 A - 127 V AC ● Inductive: 3 A - 220 V AC
Clamping connection capacity		0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation		0 to 50 °C
Material		ABS established UV
Certification		NOM ANCE
Standard		ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection		IP20/IK04
Loads		
Incandescent lamps		500 W (127 V AC) - 800 W (220 V AC)
Halogen lamps		500 W (127 V AC) - 800 W (220 V AC)
Fluocompact lamps		150 W (127 V AC) - 200 W (220 V AC)
Fluorescent lamps with electronic ballast		150 W (127 V AC) - 200 W (220 V AC)
Ventilators		150 W
Heaters		150 W

⁽¹⁾Antibacterial



S70723189



S70723179



Card switches



5 A - 127-220 V AC

Colour	<input type="checkbox"/> white <input checked="" type="checkbox"/> graphite / <input type="checkbox"/> aluminium
Characteristics	<input type="checkbox"/> 2.5 modules S70854109 ⁽¹⁾
Switch additional information	Internal timer integrated (30 seconds to turn off all loads connected, after card access removal)
Activation	By access card optical detection
Rated operational voltage	100-240 V AC, 50/60 Hz
Rated current	<ul style="list-style-type: none"> ● Resistive: 5 A - 127 V AC ● Inductive: 3 A - 220 V AC
Load type	<ul style="list-style-type: none"> ● Resistive: 3.61 W - 127 V AC ● Inductive: 16.03 W - 220 V AC
Local signaling	Green LED lamp
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04

⁽¹⁾Antibacterial



S70854179

Accessories for card switches

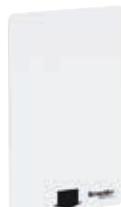
Characteristics

- Degrees of protection: IK04
- Dedicated marking for optical activation

Dedicated access cards

S71254104

Delivered per ten units



S71254104



Brazilian socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK04

10 A, 2P + E, shuttered, screw terminals

Colour	1 module
<input type="checkbox"/> white	S70202104
<input checked="" type="checkbox"/> aluminium	S70202174
<input checked="" type="checkbox"/> graphite	S70202194

Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables

10 A, 2P + E, shuttered, fast connection

<input type="checkbox"/> 1 module
S70205104

Clamping connection capacity: 1 or 2 wires, 1 to 2.5 mm² rigid/flexible/stranded cables

20 A ,2P + E, shuttered, screw terminals

Colour	1 module
<input type="checkbox"/> white	S70203104
<input checked="" type="checkbox"/> aluminium	S70203174
<input checked="" type="checkbox"/> graphite	S70203194
<input checked="" type="checkbox"/> green	S702031G4

Clamping connection capacity: 1 or 2 wires, 2.5 to 4 mm² rigid/flexible/stranded cables

10 A, 2P + E, antibacterian, shuttered, screw terminals

Colour	1 module
<input checked="" type="checkbox"/> red	S70202134

Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables

20 A, 2P + E, antibacterian, shuttered, screw terminals

<input type="checkbox"/> 1 module
S70203134

Clamping connection capacity: 1 or 2 wires, 2.5 to 4 mm² rigid/flexible/stranded cables

Italian socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK04



10 A 2P + E, shuttered, screw terminals

Colour	1 module
<input type="checkbox"/> white	S70202804
<input type="checkbox"/> beige	S70202864
<input type="checkbox"/> ivory	S70202884
<input checked="" type="checkbox"/> aluminium	S70202874
<input checked="" type="checkbox"/> graphite	S70202894

• Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible stranded cables
 • Certification: INGCER
 • Standards: NCh 2027-1, NCh 2027-2

10/16 A 2P + E, bipasso, shuttered, screw terminals

<input type="checkbox"/> 1 module
S70203804

• Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
 • Certification: INGCER
 • Standards: NCh 2027-1, NCh 2027-2

10 A 2P + E, irreversible, shuttered, screw terminals

Colour	1 module
<input type="checkbox"/> beige	S70241064
<input type="checkbox"/> ivory	S70241084
<input checked="" type="checkbox"/> aluminium	S70241074
<input checked="" type="checkbox"/> graphite	S70241094

• See white version in antibacterian offer
 • Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
 • Standard: IEC 60884

10/16 A 2P + E, Schuko bipasso, shuttered, screw terminals

<input type="checkbox"/> 2 modules
S70306764

• Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
 • Standard: IEC 60884



S70202004

American socket-outlets

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible,stranded cables
- Material: ABS established UV
- Certification: NOM ANCE, Retie
- Standards: IEC 60884-1, IEC 60609-2
- Ambient air temperature for operation: - 5 to + 35 °C
- Degrees of protection: IP21 D/IK04

15 A 2P + E, shuttered, screw terminals

Colour	<input checked="" type="checkbox"/> 1 module
<input type="checkbox"/> white	S70202004
<input checked="" type="checkbox"/> aluminium	S70202074
<input checked="" type="checkbox"/> graphite	S70202094



S70325104

Brazilian duplex socket-outlets

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1 to 2.5 mm² rigid/flexible,stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK05

10 A 2P + E, shuttered, fast connection

Colour	<input checked="" type="checkbox"/> 3 modules
<input type="checkbox"/> white	S70325104
<input checked="" type="checkbox"/> aluminium	S70325174
<input checked="" type="checkbox"/> graphite	S70325194



S70322004

American duplex socket-outlets

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible,stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: NOM ANCE/Retie
- Standards: IEC 60884-1, IEC 60609-2
- Degrees of protection: IP21 D/IK05

15 A 2P + E, shuttered, screw terminals

Colour	<input checked="" type="checkbox"/> 3 modules
<input type="checkbox"/> white	S70322004
<input checked="" type="checkbox"/> aluminium	S70322074
<input checked="" type="checkbox"/> graphite	S70322094



S70325804

Italian duplex socket-outlets

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1 to 2.5 mm² rigid/flexible,stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INGCER
- Standards: NCh 2027-1, NCh 2027-2
- Degrees of protection: IP21 D/IK05

10 A 2P + E, shuttered, fast connection

Colour	<input checked="" type="checkbox"/> 3 modules
<input type="checkbox"/> white	S70325804
<input type="checkbox"/> beige	S70325864
<input type="checkbox"/> ivory	S70325884
<input checked="" type="checkbox"/> aluminium	S70325874
<input checked="" type="checkbox"/> graphite	S70325894



S70547004

USB charger sockets

Characteristics

- Rated operation voltage: 127/250 V AC - 50/60 Hz
- Input power: 7.5 W
- Output power: 5 V DC - 1 A
- Output connectors: USB 2.0
- Protection type: short-circuit protection
- Connection: screw terminals
- Clamping connection capacity: 1.5 to 2.5 mm² rigid/stranded/flexible cables
- Ambient air temperature for operation: 0°C to + 40°C
- Material: ABS established UV
- Standards: EN 60950-1, EN 62684, EN 301 489-34, 2004/108/CE, 2009/125/CE, 2006/95/CE, EU directive 2004/108/CE, WEEE directive 2002/96/EC
- Electrical insulation class: class II
- Protection degrees: IP21/IK04
- Environmental characteristic: REACH Regulation (EC) N° 1907/2006

Single socket

Colour	1 module
<input type="checkbox"/> white	S70547004
<input checked="" type="checkbox"/> aluminium	S70547074
<input checked="" type="checkbox"/> graphite	S70547094

Inserts with fixing frame Duplex energy socket-outlets



S703250045



S703260045



S703300045

Colour
 white

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Certification: NOM ANCE
- Standard: cULus UL 498
- Degrees of protection: IP20/IK05

15 A, 2P+E, NEMA 5-15R, screw terminals

<input type="checkbox"/> 3 modules	<input type="checkbox"/> 3 modules
S703250045	S703260045

20 A 125 V AC, 2P+E, NEMA 5-20R, screw terminals

<input type="checkbox"/> 3 modules
S703300045

Colour
 white

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lamp function: trip indicator
- Light source: orange LED
- Protection type: earth-leakage protection
- Ambient air temperature for operation: - 5 to + 35 °C
- Certification: NOM certified
- Standards: cULus UL 498, cULus UL 943, UL-94
- Degrees of protection: IP20/IK04

15 A, 2P+E, GFCI, screw terminals

<input type="checkbox"/> 3 modules	<input type="checkbox"/> 3 modules
S703270045	S703310045
<input checked="" type="checkbox"/> aluminium	S70327074

graphite

20 A, 2P+E, GFCI, screw terminals

<input type="checkbox"/> 3 modules
S70331074

graphite

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Protection type: earth-leakage protection
- Ambient air temperature for operation: - 5 to + 35 °C
- Degrees of protection: IP20/IK04



S703270045



S703310045

Colour
 white

20 A, 2P+E, hospital grade, screw terminals

<input type="checkbox"/> 3 modules	<input type="checkbox"/> 3 modules
S703320045	S703330045

20 A, 2P+E, GFCI hospital grade, screw terminals

<input type="checkbox"/> 3 modules
S703330045

- Certifications: file no. E60120, NOM certified
- Standards: cULus UL 498, cULus UL 943, UL-94

- Lamp function: trip indicator
- Light source: orange LED
- Certifications: file no. E15058, File no. 6914 (6233-01), NOM certified
- Standards: cULus UL 498, CSA to C22.2 n° 42, UL Fed Spec WC-596G, UL-94



S703320045



S703330045

Inserts with fixing frame

Duplex energy socket-outlets



S703230045

Characteristics

- Rated operation voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lamp function: pilot protection
- Light source: green LED
- Protection type: current protection, thermal protection
- Ambient air temperature for operation: - 5 to + 35 °C
- Certifications: file no. E15058, file no. E15058
- Standards: cULus UL 498, cULus UL 1310, UL-94
- Degrees of protection: IP20/IK04

USB charger

- Output power: 5 V DC - 0.7 A
- Output connectors: USB 2.0

Two USB charger + one american socket-outlet 15 A, 2P + E, shuttered, screw terminals

Colour	<input type="checkbox"/> 3 modules
<input type="checkbox"/> white	S703230045
<input checked="" type="checkbox"/> aluminium	S70323074
<input checked="" type="checkbox"/> graphite	S70323094

Characteristics

- Rated operation voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lamp function: pilot protection, ground verified
- Light source: green LED
- Protection type: overvoltage protection
- Maximum discharge current: 18 kA
- Maximum continuous operating voltage: 150 V AC
- Dielectric strength: 0, 2000 V
- Ambient air temperature for operation: - 5 to + 35 °C
- Standards: cULus UL 498, UL-94
- Degrees of protection: IP20/IK04

20 A 250 V AC, 2P + E, surge protection TVSS, screw terminals

Colour	<input type="checkbox"/> 3 modules
<input type="checkbox"/> white	S703390045



S703390045

Inserts

with fixing frame and cover frame

Duplex energy socket-outlets

American duplex socket-outlets



S71322034



S71322004

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Certification: NOM ANCE/Retie
- Standards: IEC 60884-1, IEC 60609-2
- Degrees of protection: IP21 D/IK05

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

Colour	<input checked="" type="checkbox"/> red	<input type="checkbox"/> 3 modules/only assembled
		S71322034

15 A 2P + E, shuttered, screw terminals

Colour	<input type="checkbox"/> white	<input type="checkbox"/> 3 modules/only assembled
		S71322004

Common characteristics

- Rated operational voltage: 125 V AC - 60 Hz
- Clamping connection capacity:
1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Degrees of protection: IP20/IK04

15 A 2P + E isolated, screw terminals

Colour	<input checked="" type="checkbox"/> orange	<input type="checkbox"/> 3 modules/only assembled
		S713240N45

15 A 2P + E, hospital grade red, screw terminals

Colour	<input checked="" type="checkbox"/> red	<input type="checkbox"/> 3 modules/only assembled
		S713280345

20 A 2P + E isolated, hospital grade orange, screw terminals

Colour	<input checked="" type="checkbox"/> orange	<input type="checkbox"/> 3 modules/only assembled
		S713340N45

- Certifications: File no. E15058, File no. 6914 (6233-01), NOM certified
- Standards: cULus UL 498, CSA to C22.2 n° 42, UL Fed Spec WC-596G, UL-94

- Certification: NOM certified
- Standards: cULus UL 498/UL-94



S713240N45



S713280345



S713340N45



S70540004



S70540104

S70540504

RJ45 data sockets

Common characteristics

- Type of cable: unshielded twisted pair
- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK05

Colour	UTP category 5e, toolless	UTP category 6, toolless
<input type="checkbox"/> white	1 module S70540004	1 module S70540104
<input checked="" type="checkbox"/> beige	S70540064	S70540164
<input checked="" type="checkbox"/> ivory	S70540084	S70540184
<input checked="" type="checkbox"/> aluminium	S70540074	S70540174
<input checked="" type="checkbox"/> graphite	S70540094	S70540194
	Standards: ● ISO/IEC 11801:2011 Ed.2.2 ● EN 50173-1 ● EN 50173-2 ● ANSI/TIA-568-C.2 ● IEC 60603-7-4	Standards: ● ISO/IEC 11801 Ed2.1 ● ANSI/TIA-568-C.2 ● IEC 60603-7-2 ● ISO/IEC 11801:2011 Ed.2.2
Colour	UTP category 6, punch down	
<input type="checkbox"/> white	1 module S70540504	
<input checked="" type="checkbox"/> aluminium	S70540574	
<input checked="" type="checkbox"/> graphite	S70540594	
	Standards: ● ANSI/TIA-568-C.2 ● IEC 60603-7-4 ● ISO/IEC 11801:2011 Ed.2.2 ● EN50173-1 ● EN 50173-2	

RJ45 data socket accessories

Common characteristics

- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Degrees of protection: IK05



S70542004



S70542104

Colour	Cover for RJ45 S-one data socket	Cover for RJ45 Keystone data socket
<input type="checkbox"/> white	1 module S70542004	1 module S70542104
<input checked="" type="checkbox"/> aluminium	S70542074	S70542174
<input checked="" type="checkbox"/> graphite	S70542094	S70542194
	Standards: ● ISO/IEC 11801:2011 Ed.2.2 ● EN 50173-1 ● EN 50173-2 ● ANSI/TIA-568-C.2 ● IEC 60603-7-4	Standards: ● ISO/IEC 11801 Ed2.1 ● ANSI/TIA-568-C.2 ● IEC 60603-7-2 ● ISO/IEC 11801:2011 Ed.2.2

TV sockets

Common characteristic

- Ambient air temperature for operation: - 5 to + 40 °C
- Material: ABS established UV



S70546804



S70646904

Colour	Coaxial F-type socket	Coaxial passage F-type collective antenna socket
<input type="checkbox"/> white	1 module S70546804	3 modules S70646904
<input checked="" type="checkbox"/> beige	S70546864	-
<input checked="" type="checkbox"/> ivory	S70546884	-
<input checked="" type="checkbox"/> aluminium	S70546874	S70646974
<input checked="" type="checkbox"/> graphite	S70546894	S70646994
	● Standard: EN 50083 ● Degrees of protection: IP41D/IK04	● Standard: IEC 61169-2 ● Degrees of protection: IP41DIK05

Telephone sockets

Characteristics

- Type of cable: twisted pair
- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Protection degrees: IP21 D/IK05



S70549104



S70549004

Colour	RJ11, 4 contacts	RJ11, 2 contacts
white	■ 1 module S70549104	■ 1 module S70549004
beige	S70549164	-
ivory	S70549184	-
aluminium	S70549174	S70549074
graphite	S70549194	S70549094



S70547104

USB data connectors

Characteristics

- Output connectors: USB 2.0
- Connection: screw terminals
- Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible
- Ambient air temperature for operation: 0°C to + 40°C
- Material: ABS established UV
- Standards: IEC 998-1, IEC 998-2-1
- Protection degrees: IP21/IK04

USB data connector

Colour	1 module
<input type="checkbox"/> white	S70547104
<input checked="" type="checkbox"/> aluminium	S70547174
<input checked="" type="checkbox"/> graphite	S70547194



S70647204

HDMI sockets

Characteristics

- Cable lenght: 150 mm
- Ambient air temperature for operation: -30°C to + 85°C
- Material: ABS established UV
- Standards: EN 50157, EN 50049
- Protection degrees: IP41/IK06

HDMI pre-wired socket

Colour	2 modules
<input type="checkbox"/> white	S70647204
<input checked="" type="checkbox"/> aluminium	S70647274
<input checked="" type="checkbox"/> graphite	S70647294



S70547504

HD15 sockets

Characteristics

- Ambient air temperature for operation: - 5°C to + 40°C
- Material: ABS established UV
- Standards: UL94 (test flammability of plastic materials), JIS-H3100 (brass strip), JIS G3141(steel, sheet and strip, SPCC), IEC 512-7 Test 13b (insertion / withdrawl force), IEC 512-3 Test 5b (current rating test measurement)
- Protection degrees: IP41/IK06

HD15 female socket

Colour	1 module
<input type="checkbox"/> white	S70547504
<input checked="" type="checkbox"/> aluminium	S70547574
<input checked="" type="checkbox"/> graphite	S70547594



S70547604

Mini jack sockets

Characteristics

- Connection: screw terminals
- Clamping connection capacity: up to 1.5 mm² rigid/stranded/flexible
- Ambient air temperature for operation: - 5°C to + 40°C
- Material: ABS established UV
- Standards: IEC 998-1, IEC 998-2-1
- Protection degrees: IP41/IK04

Mini jack 3.5 mm connector

Colour	1 module
<input type="checkbox"/> white	S70547604
<input checked="" type="checkbox"/> aluminium	S70547674
<input checked="" type="checkbox"/> graphite	S70547694

Inserts

Signaling

Doorbells



	Buzzer 220 V	Buzzer 127 V
Colour	1 module	1 module
<input type="checkbox"/> white	S70878204	S70878304
<input checked="" type="checkbox"/> ivory	S70878284	-
<input checked="" type="checkbox"/> aluminium	S70878274	S70878374
<input checked="" type="checkbox"/> graphite	S70878294	S70878394
Characteristics		
Acoustic level	70 dB	
Operating time	60 s	
Clamping connection capacity	1 or 2 wires, 1.5 to 2.5 mm ² rigid/stranded/flexible	
Ambient air temperature for operation	- 5°C to + 35°C	
Standard	IEC 62080	
Material	ABS established UV	
Degrees of protection	IP41 D/IK04	



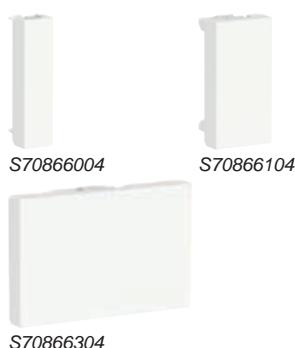
	Electronic doorbell 5 sounds 127/220 V AC
Colour	2 modules
<input type="checkbox"/> white	S70878609 ⁽¹⁾
<input checked="" type="checkbox"/> ivory / <input checked="" type="checkbox"/> beige	S70878689
<input checked="" type="checkbox"/> graphite / <input checked="" type="checkbox"/> aluminium	S70878679
Characteristics	
Rated operational voltage	100-240 VAC, 50/60 Hz
Acoustic level	Adjustable from 0 to 70 dB/1m
Number of programmable sounds	5 programmable melodies
Connected auxiliaries	<ul style="list-style-type: none"> ● Can be connected to a maximum of three independent pushbuttons outputs, selecting different melodies ● Maximum of 15 conventional or 5 light indicator pushbuttons connected in parallel to the output
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04

⁽¹⁾Antibacterial



S70878689

S70878679



Blind modules

Common characteristics

- Ambient air temperature for operation: - 5°C to + 35°C
- Material: ABS established UV

Blind modules			
Colour	1/2 module	1 module	3 modules
white	S70866004	S70866104	S70866304
beige	S70866064	S70866164	-
ivory	S70866084	S70866184	-
aluminium	S70866074	S70866174	S70866374
graphite	S70866094	S70866194	S70866394

- Protection degrees: IP21 D/IK04
- Delivered per two units

- Protection degrees: IP21 D/IK05
- Delivered per two units

- Protection degrees: IP21 D/IK07



Cable outlets

Characteristics

- Cable outer diameter: 12 mm
- Ambient air temperature for operation: - 5°C to + 35°C
- Material: ABS established UV
- Protection degrees: IP41/IK04

Cable outlets	
Colour	1 module
white	S70866804
beige	S70866864
ivory	S70866884
aluminium	S70866874
graphite	S70866894

Delivered per two units

Antibacterial products

Inserts

Controls

With additive than inhibits bacteria growth throughout product live.

Recommended for use at home, hospitals and corporate environments.

Even with antibacterial protection, we recommend keeping product regular cleaning.



S70110124



S70110324



S70110524



S70110224



S70110624

Colour
 white

Common characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

10 AX – 250 V AC switches

10 AX one-way



1 module

S70110124

10 AX two-way



1 module

S70110324

10 AX intermediate



1 module

S70110524

10 AX double pole one-way



1 module

S70110224

10 A – 250 V AC push-button

10 A



1 module

S70110624

Colour
 white

16 AX – 250 V AC switches

Common characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standard: IEC 60669
- Degrees of protection: IP21 D/IK04



S701116124



S701116324



S701117324

Colour
 white

16 AX one-way



1 module

S701116124

16 AX two-way



1 module

S701116324

16 AX two-way carter system



1 module

S701117324

16 AX double pole one-way



1 module

S701116224

With additive than inhibits bacteria growth throughout product live.

Recommended for use at home, hospitals and corporate environments.

Even with antibacterial protection, we recommend keeping product regular cleaning.

	127-220 V LED lamps	220 V resistive lamps	127 V resistive lamps
Colour	1 module	1 module	1 module
<input type="checkbox"/> white	S70720129	S70720024	S70710024
Characteristics			
Dimmer control	300 ° rotary setting, ON/OFF integrated		
Rated operational voltage	127-220 VAC, 50/60 Hz	220 V AC, 50/60 Hz	127 V AC, 50/60 Hz
Rated current	1.57 A - 127 VAC 1.81 A - 220 VAC	2.72 A - 220 VAC	2.36 A - 127 VAC
Minimum load breaking capacity	3 W	40 W	40 W
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables		
Ambient air temperature for operation	0 to 50 °C		
Material	ABS established UV		
Certification	NOM ANCE		
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE		
Degrees of protection	IP20/IK04		
Loads			
Incandescent lamps	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
Halogen lamps	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
Low voltage halogen lamps with ferromagnetic transformer	150 W (127 V AC) 250 W (220 V AC)	600 W	300 W
LED lamps	50 W (127 V AC) 100 W (220 V AC)	-	-

Dimmers**Rotary dimmers****Fan speed controls**

	220 V	127 V
Colour	1 module	1 module
<input type="checkbox"/> white	S70722124	S70712124
Characteristics		
Fan speed control	300 ° rotary setting, ON/OFF integrated	
Rated operational voltage	220 VAC, 50/60 Hz	127 VAC, 50/60 Hz
Rated current	1.14 A - 220 VAC	1.18A - 127 VAC
Minimum load breaking capacity	40 W	
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables	
Ambient air temperature for operation	0 to 50 °C	
Material	ABS established UV	
Certification	NOM ANCE	
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE	
Degrees of protection	IP20/IK04	
Loads		
Fan, motor	250 W	150 W

Digital dimmer push-button



127-220 V LED/resistive lamps

Colour	<input type="checkbox"/> 2 modules
<input type="checkbox"/> white	S70751429
Characteristics	
Dimmer control	Controlled by press/pulse: <ul style="list-style-type: none"> ● one single pulse to turn on/off the device ● set by pressing ● memory function integrated (last setting) ● low end trim setting
Local signaling	Green LED lamp
Rated operational voltage	100-240 V AC, 50/60 Hz
Rated current	3.9 A - 127 V AC 1.8 A - 220 V AC
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standard	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04
Loads	
Incandescent lamps	200 W (127 V AC) / 350 W (220 V AC)
Halogen lamps	200 W (127 V AC) / 350 W (220 V AC)
Low voltage halogen lamps with ferromagnetic transformer	200 W (127 V AC) / 350 W (220 V AC)
LED lamps	100 W (127 V AC) / 200 W (220 V AC)

Electronic timer push-button



5 A 127-220 V

Colour	<input type="checkbox"/> 2 modules
<input type="checkbox"/> white	S70727129
Characteristics	
Time delay	Adjustable from 15 seconds to 2 minutes
Rated operational voltage	100-240 V AC, 50/60 Hz
Rated current	<ul style="list-style-type: none"> ● Resistive: 5 A - 127 V AC ● Inductive: 3 A - 220 V AC
Local signaling	Green LED lamp
Connected auxiliaries	Maximum of 15 conventional or 5 light indicator pushbuttons connected in parallel to the output
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standard	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04
Loads	
Incandescent lamps	500 W (127 V AC) - 800 W (220 V AC)
Halogen lamps	500 W (127 V AC) - 800 W (220 V AC)
Fluocompact lamps	150 W (127 V AC) - 200 W (220 V AC)
Fluorescent lamps with electronic ballast	150 W (127 V AC) - 200 W (220 V AC)
Ventilators	150 W
Heaters	150 W

Movement detector**5A 127-220 V AC**

Colour	<input type="checkbox"/> white	<input checked="" type="checkbox"/> 2 modules
Characteristics		S70723109
Movement detector area	6 m (PIR mounting height: 1.2 m)	
Detection angle	120°	
Selection mode	Automatic	
Light sensitivity	Adjustable from 0 to 70 Lux	
Time delay	Adjustable from 15 seconds to 2 minutes	
Rated operational voltage	100-240 V AC, 50/60 Hz	
Rated current	<ul style="list-style-type: none"> • Resistive: 5 A - 127 V AC • Inductive: 3 A - 220 V AC 	
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables	
Ambient air temperature for operation	0 to 50 °C	
Material	ABS established UV	
Certification	NOM ANCE	
Standard	ABNT NBR 60669-2-1, NMX-J-508-ANCE	
Degrees of protection	IP20/IK04	
Loads		
Incandescent lamps	500 W (127 V AC) - 800 W (220 V AC)	
Halogen lamps	500 W (127 V AC) - 800 W (220 V AC)	
Fluocompact lamps	150 W (127 V AC) - 200 W (220 V AC)	
Fluorescent lamps with electronic ballast	150 W (127 V AC) - 200 W (220 V AC)	
Ventilators	150 W	
Heaters	150 W	

Card switch**5A 127-220 V AC**

Colour	<input type="checkbox"/> white	<input checked="" type="checkbox"/> 2.5 modules
Characteristics		S70854109
Switch additional information	Internal timer integrated (30 seconds to turn off all loads connected, after card access removal)	
Activation	By access card optical detection	
Rated operational voltage	100-240 V AC, 50/60 Hz	
Rated current	<ul style="list-style-type: none"> • Resistive: 5 A - 127 V AC • Inductive: 3 A - 220 V AC 	
Load type	<ul style="list-style-type: none"> • Resistive: 3.61 W - 127 V AC • Inductive: 16.03 W - 220 V AC 	
Local signaling	Green LED lamp	
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables	
Ambient air temperature for operation	0 to 50 °C	
Material	ABS established UV	
Certification	NOM ANCE	
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE	
Degrees of protection	IP20/IK04	

Antibacterial products

Inserts

Energy socket-outlets

With additive than inhibits bacteria growth throughout product live.

Recommended for use at home, hospitals and corporate environments.

Even with antibacterial protection, we recommend keeping product regular cleaning.



S70202124



S70203124



S70202134



S70203134

Brazilian socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK04

10 A 2P + E, shuttered, screw terminals

Colour
 white

1 module
S70202124

20 A 2P + E, shuttered, screw terminals

1 module
S70203124

10 A 2P + E, antibacterian, shuttered, screw terminals

Colour
 red

1 module
S70202134

20 A 2P + E, antibacterian, shuttered, screw terminals

1 module
S70203134

Italian socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK04

10 A 2P + E, shuttered, screw terminals

Colour
 white

1 module
S70202824

10 A 2P + E, irreversible, shuttered, screw terminals

Colour
 white

1 module
S70241024

10/16 A 2P + E, schuko bipasso, shuttered, screw terminals

2 modules
S70306724

- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Certification: INGCER
- Standards: NCh 2027-1/NCh 2027-2

- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Standard: IEC 60884

Brazilian duplex socket-outlet

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 2.5 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK05

10 A 2P + E, shuttered, fast connection

Colour
 white

3 modules
S70325124

Italian duplex socket-outlet

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 2.5 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INGCER
- Standards: NCh 2027-1, NCh 2027-2
- Degrees of protection: IP21 D/IK05

10 A 2P + E, shuttered, fast connection

Colour
 white

3 modules
S70325824



S70325124



S70325824

With additive than inhibits bacteria growth throughout product life.

Recommended for use at home, hospitals and corporate environments.

Even with antibacterial protection, we recommend keeping product regular cleaning.



S71322034

American duplex socket-outlet

Characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Certification: NOM ANCE
- Standards: IEC 60884-1, IEC 60609-2
- Degrees of protection: IP21 D/IK05

20 A 2P + E, shuttered, screw terminals

Colour

red

3 modules

S71322034

Antibacterial products

Inserts

VDI, Signaling, Complementary offer

With additive than inhibits bacteria growth throughout product live.

Recommended for use at home, hospitals and corporate environments.

Even with antibacterial protection, we recommend keeping product regular cleaning.



S70549124



S70549024

Telephone sockets

Common characteristics

- Type of cable: twisted pair
- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Protection degrees: IP21 D/IK05

RJ11, 4 contacts

Colour	<input type="checkbox"/> white
--------	--------------------------------

1 module

S70549124

RJ11, 2 contacts

1 module

S70549024

TV socket

Characteristics

- Ambient air temperature for operation: - 5 to + 40 °C
- Material: ABS established UV
- Standard: EN 50083
- Degrees of protection: IP41D/IK04

Coaxial F-type socket

Colour	<input type="checkbox"/> white
--------	--------------------------------

1 module

S70546824



S70546824

Doorbell



Electronic doorbell 5 sounds 127/220 V AC

Colour	<input type="checkbox"/> white
Characteristics	
Rated operational voltage	100-240 V AC, 50/60 Hz
Acoustic level	Adjustable from 0 to 70 dB/1m
Number of programmable sounds	5 programmable melodies
Connected auxiliaries	<ul style="list-style-type: none"> • Can be connected to a maximum of three independent pushbuttons outputs, selecting different melodies • Maximum of 15 conventional or 5 light indicator pushbuttons connected in parallel to the output
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04

Blind module

Common characteristics

- Ambient air temperature for operation: - 5°C to + 35°C
- Material: ABS established UV
- Protection degrees: IP21 D/IK04

Blind module

Colour	<input type="checkbox"/> white
--------	--------------------------------

1 module

S70866124

Delivered per two units



S70866124

With additive than inhibits bacteria growth throughout product life.

Recommended for use at home, hospitals and corporate environments. Even with antibacterial protection, we recommend keeping product regular cleaning.

Common characteristics

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK07

White



4 x 2"	blind		S730100024
--------	-------	--	------------

1 module		S730101024
----------	--	------------

2 modules		S730121024
-----------	--	------------

3 modules		S730103024
-----------	--	------------

4 x 4"	blind		S730200024
--------	-------	--	------------

2 modules		S730201024
-----------	--	------------

6 modules		S730203024
-----------	--	------------

Cover frame + fixing frame

White



4"x2"	3 modules		S735103024
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Fixing frames

Fixing frames

Characteristics

- Ambient air temperature for operation: - 5°C to + 35°C



S71010324



S71020324

4" x 2" for 3 modules

S71010324

4" x 4" for 6 modules

S71020324



S731001004

Special cover frames with fixing-frame for thin panel

Characteristics

- Ambient air temperature for operation: - 5°C to + 35°C
- Material: ABS established UV
- Protection degrees: IP21 D/IK04

	For thin panels
Colour	
<input type="checkbox"/> white	S731001004
<input checked="" type="checkbox"/> aluminium	S731001074
<input type="checkbox"/> graphite	S731001094

Cover frames

Orion Essence

Common characteristics

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK07

		Shiny colors					
		White	Ivory	Beige	Black		
4 x 2"	blind		S73010004	S73010014	S73010064	S73010084	
	1 module		S73010104	S73010104	S730101064	S730101084	
	2 modules		S730121004	S730121014	S730121064	S730121084	
	2 adjacent modules		S730102004	-	-	-	
	3 modules		S730103004	S730103014	S730103064	S730103084	
4 x 4"	blind		S730200004	-	S730200064	-	
	2 modules		S730201004	-	S730201064	-	
	6 modules		S730203004	-	S730203064	-	
		Matt colors					
		Axis grey	Horizon gold	Gamma silver	Planet brown		
4 x 2"	blind		S730100224	S730100234	S730100274	S730100264	S730100294
	1 module		S730101224	S730101234	S730101274	S730101264	S730101294
	2 modules		S730121234	S730121234	S730121274	S730121264	S730121294
	3 modules		S730103224	S730103234	S730103274	S730103264	S730103294
4 x 4"	2 modules		S730201224	S730201234	S730201274	S730201264	S730201294
	6 modules		S730203224	S730203234	S730203274	S730203264	S730203294

Cover frames + fixing frames

		Shiny colors					
		White	Ivory	Matt colors			
		Gamma silver	Planet brown	Stellar black			
4"x2"	blind		S735100004	S735100014	-	-	-
	1 module		S735101004	S735101014	-	-	-
	2 modules		S735121004	S735121014	-	-	-
	2 adjacent modules		S735102004	-	-	-	-
	3 modules		S735103004	S735103014	S735103274	S735103264	S735103294

Cover frames

Orion Materials chrome



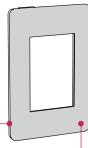
Common characteristics

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK07

Border colour / Front colour	White / Chrome soft	White / Chrome satin	Aluminium / Chrome satin	White / Chrome gloss	Graphite / Chrome dark
4 x 2" blind					
1 module			-	-	-
2 modules			-	-	-
3 modules					
4 x 4" 6 modules					

Cover frames + fixing frames

Border colour / Front colour	White / Chrome soft	White / Chrome gloss	Graphite / Chrome dark
4 x 2" 3 modules			

**Common characteristics**

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Degrees of protection: IP21 D/IK07

Border colour / Front colour	White / Aluminium solar yellow	White / Aluminium orbital blue	White / Aluminium venus pink	White / Aluminium cosmic grey
4 x 2" blind				
1 module	S733101605	S733101615	S733101625	S733101635
2 modules	S733121605	S733121615	S733121625	S733121635
3 modules	S733103605	S733103615	S733103625	S733103635
4 x 4" 6 modules	S733203605 Aluminium / Aluminium cosmic grey	S733203615 White / Aluminium aurora gold	S733203625 White / Aluminium magma copper	S733203635 Graphite / Aluminium magma copper
4 x 2" blind	S733100705	S733100645	S733100655	-
1 module	S733101705	S733101645	S733101655	-
2 modules	S733121705	S733121645	S733121655	-
3 modules	S733103705	S733103645	S733103655	S733103755
4 x 4" 6 modules	S733203705 Beige / Aluminium corona bronze	S733203645 Aluminium / Aluminium galaxy black	S733203755 Graphite / Aluminium galaxy black	
4 x 2" blind	S733100695	-	S733100765	
1 module	S733101695	-	S733101765	
2 modules	S733121695	-	S733121765	
3 modules	S733103695	S733103715	S733103765	
4 x 4" 6 modules	-	S733203715	S733203765	

Cover frames + fixing frames

Border color / Front color	White / Aluminium solar yellow	White / Aluminium cosmic grey	White / Aluminium aurora gold	Graphite / Aluminium galaxy black
4 x 2" 3 modules				

Cover frames

Orion You

	Common characteristics <ul style="list-style-type: none">• Ambient air temperature for operation: - 5 to + 35 °C• Degree of protection: IP21 D
Border colour / Front colour	White / Transparent
4 x 2" 3 modules	 S739103005
4 x 4" 6 modules	 S739203005

Cover frame + fixing frame

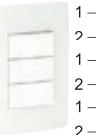
Border colour / Front colour	White / Transparent
4 x 2" 3 modules	 S739603005

Common characteristics

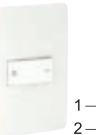
- Connection: screw terminals
- Cables: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: -5 to +35 °C
- Material: ABS established UV

- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standard: IEC 60669
- Degrees of protection: IP21 D/IK04

10 AX – 250 V AC switches

10 AX one-way	10 AX two-way	10 AX intermediate	
 Insert colour / Cover frame colour	 White / Essence white S71310104	 White / Essence white S71310504	
10 AX 2 one-way	10 AX one-way + two-way	10 AX 2 two-way	
 White / Essence white S71320104	 White / Essence white S71324704	 White / Essence white S71324304	
10 AX 3 one-way	10 AX 1 one-way + 2 two-way	10 AX 2 one-way + 1 two-way	10 AX 3 two-way
 White / Essence white S71330104	 White / Essence white S71335304	 White / Essence white S71335104	 White / Essence white S71334304

25 AX – 250 V AC switches

25 AX double pole one-way	
 Insert colour / Cover frame colour	White / Essence white S71313104

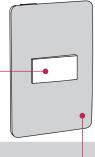
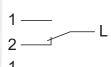
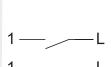
10 A – 250 V AC push-buttons

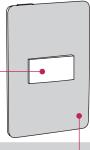
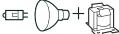
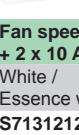
10 A				
 Insert colour / Cover frame colour	White / Essence white S71310604	 Beige / Materials aluminium corona bronze S713106694	 Ivory / Essence horizon gold S713106234	 White / Materials aluminium cosmic grey S713106634
10 A with "bell" symbol		10 A with "light" symbol		
 White / Essence white S71312604		 White / Essence white S71317604		

Common characteristics

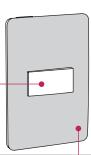
- Connection: screw terminals
- Cables: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standard: IEC 60669
- Degrees of protection: IP21 D/IK04

16 AX – 250 V AC switches

16 AX one-way			
	White / Essence white S71316104	Beige / Materials aluminium corona bronze S713161694	Ivory / Essence horizon gold S713161234
			White / Materials aluminium cosmic grey S713161634
16 AX two-way			
	White / Essence white S71316304	Beige / Materials aluminium corona bronze S713163694	Ivory / Essence horizon gold S713163234
			White / Materials aluminium cosmic grey S713163634
16 AX 2 one-way			
	White / Essence white S71326104	Beige / Materials aluminium corona bronze S713261694	Ivory / Essence horizon gold S713261234
			White / Materials aluminium cosmic grey S713261634
16 AX 2 two-way			
	White / Essence white S71326304		
16 AX 3 one-way			
	White / Essence white S71336104		

Dimmers				
Rotary dimmers				
				
Insert colour / Cover frame colour	White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S71320129	S713201699	S713201239	S713201639
Characteristics	300 ° rotary setting, ON/OFF integrated			
Dimmer control	127-220 V AC, 50/60 Hz			
Rated operational voltage	1.57 A - 127 V AC 1.81 A - 220 V AC			
Rated current				
Minimum load breaking capacity	3 W			
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables			
Ambient air temperature for operation	0 to 50 °C			
Material	ABS established UV			
Certification	NOM ANCE			
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE			
Degrees of protection	IP20/IK04			
Loads				
 Incandescent lamps	150 W (127 V AC) 250 W (220 V AC)			
 Halogen lamps	150 W (127 V AC) 250 W (220 V AC)			
 Low voltage halogen lamps with ferromagnetic transformer	150 W (127 V AC) 250 W (220 V AC)			
 LED lamps	50 W (127 V AC) 100 W (220 V AC)			
Fan speed controls + 2 two-way switches				
				
Insert colour / Cover frame colour	White / Essence white	White / Essence white		
	S71322129	S71312129		
Fan dimmer characteristics				
Fan speed control	300 ° rotary setting, ON/OFF integrated			
Rated operational voltage	220 V AC, 50/60 Hz			
Rated current	1.14 A - 220 V AC			
Minimum load breaking capacity	40 W			
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables			
Ambient air temperature for operation	0 to 50 °C			
Material	ABS established UV			
Certification	NOM ANCE			
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE			
Degrees of protection	IP20/IK04			
Loads				
 Fan, motor	250 W	150 W		
Two-way switch characteristics				
Connection screw terminals	Screw terminals			
Cables	1.5 to 4 mm ² rigid/flexible/stranded cables			
Local signaling	Lightable with S71200004/204 LED lamps			
Ambient air temperature for operation	-5 to + 30 °C			
Material	ABS established UV			
Certification	Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)			
Standard	IEC 60669			
Degrees of protection	IP21 D/IK04			

Movement detector

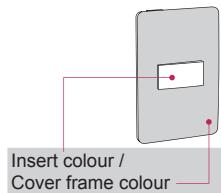
	
Insert colour / Cover frame colour	
Characteristics	
Movement detector area	6 m (PIR mounting height: 1.2 m)
Detection angle	120°
Selection mode	Automatic
Light sensitivity	Adjustable from 0 to 70 Lux
Time delay	Adjustable from 15 seconds to 2 minutes
Rated operational voltage	100-240 V AC, 50/60 Hz
Rated current	<ul style="list-style-type: none"> • Resistive: 5 A - 127 V AC • Inductive: 3 A - 220 V AC
Clamping connection capacity	0.5 to 4 mm ² rigid/flexible/stranded cables
Ambient air temperature for operation	0 to 50 °C
Material	ABS established UV
Certification	NOM ANCE
Standards	ABNT NBR 60669-2-1, NMX-J-508-ANCE
Degrees of protection	IP20/IK04
Loads	
 Incandescent lamps	500 W (127 V AC) - 800 W (220 V AC)
 Halogen lamps	500 W (127 V AC) - 800 W (220 V AC)
 Fluocompact lamps	150 W (127 V AC) - 200 W (220 V AC)
 Fluorescent lamps with electronic ballast	150 W (127 V AC) - 200 W (220 V AC)
 Ventilators	150 W
 Heaters	150 W

Brazilian energy socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK04

Single socket-outlets



Insert colour /
Cover frame colour

	10 A 2P + E, shuttered, screw terminals	20 A 2P + E, shuttered, screw terminals
	 White / Essence white S71302104	 White / Essence white S71303104
	Clamping connection capacity: 1 or 2 wires, 1 to 4 mm ² rigid/flexible/stranded cables	Clamping connection capacity: 1 or 2 wires, 2.5 to 4 mm ² rigid/flexible/stranded cables

2 energy socket-outlets

	2 socket-outlets 10 A 2P + E, shuttered, screw terminals
	 White / Essence white S71322104

Insert colour /
Cover frame colour

Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables

Italian energy socket-outlets

Common characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INGCER
- Standards: NCh 2027-1, NCh 2027-2
- Degrees of protection: IP21 D/IK04

Single energy socket-outlets

10 A 2P + E, shuttered, screw terminals				
Insert colour / Cover frame colour	White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S71302804	S713028694	S713028234	S713028634

2 energy socket-outlets

10 A 2P + E, shuttered, screw terminals				
Insert colour / Cover frame colour	White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S71325804	S713258694	S713258234	S713258634

3 energy socket-outlets

10 A 2P + E, shuttered, screw terminals				
Insert colour / Cover frame colour	White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S71332804	S713328694	S713328234	S713328634

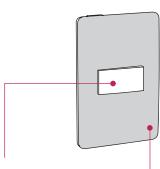
One switch + one brazilian energy socket-outlet

Switch characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

Energy socket-outlet characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK04



Insert colour /
Cover frame colour

10 AX one-way + 10 A 2P + E, shuttered, screw terminals



White /
Essence white

S71323104

10 AX two-way + 10 A 2P + E, shuttered, screw terminals



White /
Essence white

S71324104

Two switches + one brazilian energy socket-outlet

Switch characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

Energy socket-outlet characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INMETRO (Segurança)
- Standards: ABNT NBR NM 60884-1, ABNT NBR 14136
- Degrees of protection: IP21 D/IK04

10 AX one-way + 10 A 2P + E, shuttered, screw terminals



Insert colour /
Cover frame colour

White /
Essence white

S71333104

One switch + one american energy socket-outlet

Switch characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

Energy socket-outlet characteristics

- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: NOM ANCE, Retie
- Standards: NM 60884-1, IEC 60609-2
- Degrees of protection: IP21 D/IK04

16 AX one-way + 15 A 2P + E, shuttered, screw terminals



Insert colour /
Cover frame colour

White /
Essence white

S71320204

One switch + one italian energy socket-outlet

Switch characteristics

- Connection: screw terminals
- Clamping connection capacity: 1 or 2 wires, 1.5 to 4 mm² rigid/flexible/stranded cables
- Lightable with S71200004/204 LED lamps
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certifications: Inmetro (BR), NOM ANCE (MX), INGCER Cesmec (CL)
- Standards: NBR NM 60669-1, NMX-J-508-ANCE, NCh 2011-1
- Degrees of protection: IP21 D/IK04

Energy socket-outlet characteristics

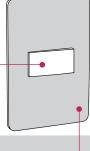
- Rated operational voltage: 250 V AC - 50/60 Hz
- Clamping connection capacity: 1 or 2 wires, 1 to 4 mm² rigid/flexible/stranded cables
- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Certification: INGCER
- Standards: NCh 2027-1, NCh 2027-2
- Degrees of protection: IP21 D/IK04

16 AX one-way + 10 A 2P + E, shuttered, screw terminals				
Insert colour / Cover frame colour				
White / Essence white	S71320804	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S713208694		S713208234	S713208634

TV sockets

Characteristics

- Ambient air temperature for operation: - 5 to + 35 °C
- Material: ABS established UV
- Standard: EN 50083
- Degrees of protection: IP41D/IK04

Coaxial F-type sockets				
				
Insert colour / Cover frame colour	White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey
	S71346804	S713468694	S713468234	S713468634

Telephone sockets

Characteristics

- Type of cable: twisted pair
- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Protection degrees: IP21 D/IK05

RJ11, 2 contacts				
				
Insert colour / Cover frame colour	White / Essence white			
	S71349004			
RJ11, 4 contacts				
				
White / Essence white	Beige / Materials aluminium corona bronze	Ivory / Essence horizon gold	White / Materials aluminium cosmic grey	
S71349104	S713491694	S713491234	S713491634	

TV + telephone sockets

TV socket characteristics

- Ambient air temperature for operation: - 5 to + 40 °C
- Material: ABS established UV
- Standard: EN 50083
- Degrees of protection: IP41D/IK04

Telephone socket characteristics

- Type of cable: twisted pair
- Ambient air temperature for operation: - 5 to + 50 °C
- Material: ABS established UV
- Protection degrees: IP21 D/IK05

RJ11, 4 contacts				
				
Insert colour / Cover frame colour	White / Essence white			
	S71340204			

Assembled products

Signaling

Complementary offer

Doorbells

Common characteristics

- Acoustic level: 70 dB
- Operating time: 60 s
- Clamping connection capacity:
1 or 2 wires, 1.5 to 2.5 mm² rigid/stranded/flexible
- Ambient air temperature for operation: - 5°C to + 35°C
- Standard: IEC 62080
- Material: ABS established UV
- Protection degrees: IP41 D/IK04

Insert colour / Cover frame colour	Buzzer 220 V	Buzzer 127 V
	 White / Essence white S71378204	 White / Essence white S71378304

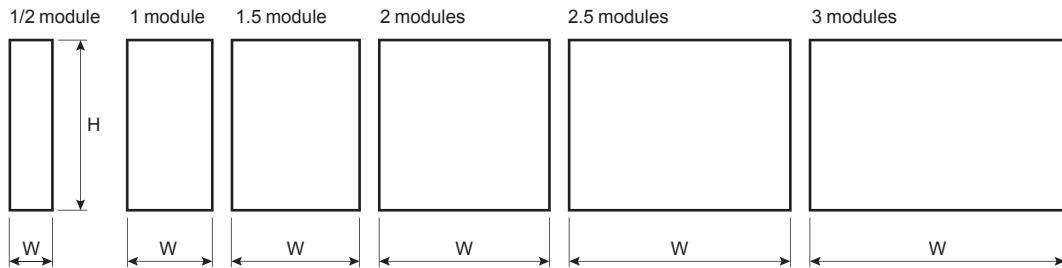
Cable outlet

Characteristics

- Cable outer diameter: 12 mm
- Material: ABS established UV

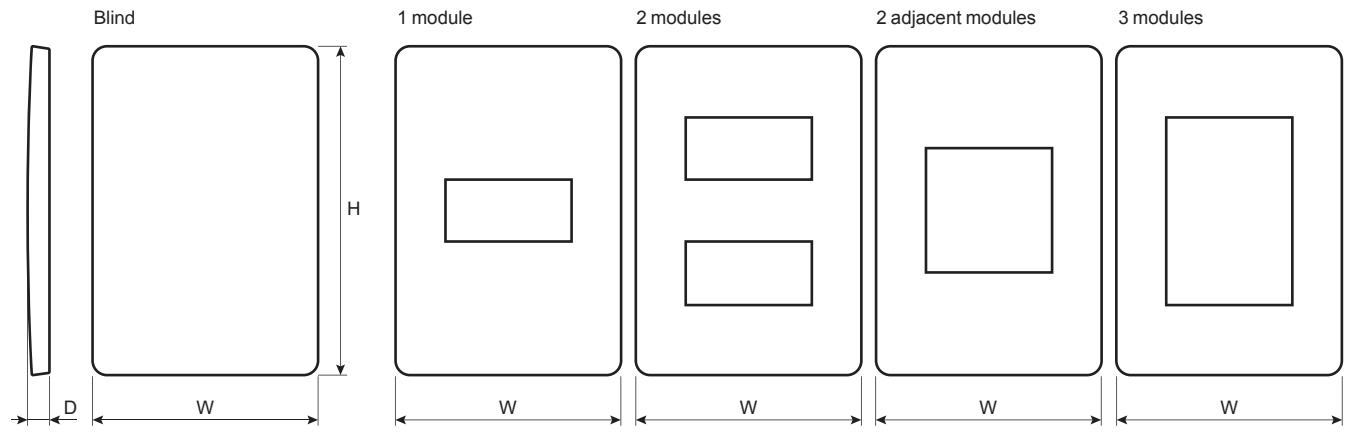
Insert colour / Cover frame colour	Cable outlet
	 White / Essence white S71366804

Inserts

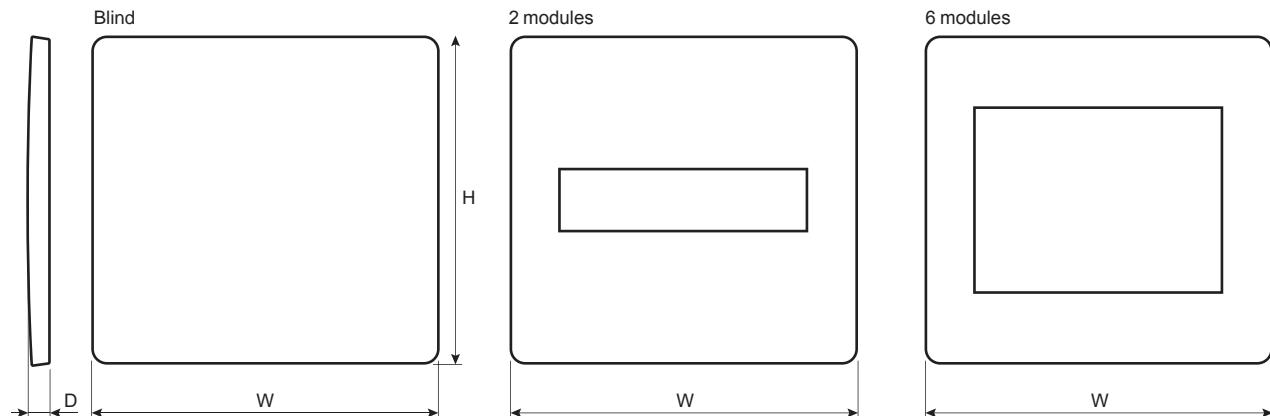


	1/2 module	1 module	1.5 module	2 modules	2.5 modules	3 modules
H (mm)	45	45	45	45	45	45
W (mm)	11.25	22.5	33.75	45	58.6	637.5

4 x 2" cover frames

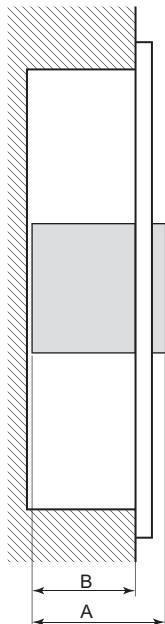


4 x 4" cover frames



		H (mm)	W (mm)	D (mm)
Orion Essence	4 x 2"	120	82.5	7.9
	4 x 4"	120	127.5	7.9
Orion Materials chrome	4 x 2"	120	82.5	8.3
	4 x 4"	120	127.5	8.3
Orion Materials aluminium	4 x 2"	120	82.5	8.3
	4 x 4"	120	127.5	8.3
Orion You	4 x 2"	120	82.5	8.3
	4 x 4"	120	127.5	8.3

Depth of inserts



Ref.	Depth (A)	Embedding depth (B)	Ref.	Depth (A)	Embedding depth (B)
S70100104	37	25.1	S70202824	32.55	23.95
S70100174	37	25.1	S70202864	32.55	23.95
S70100194	37	25.1	S70202874	32.55	23.95
S70100304	37	25.1	S70202884	32.55	23.95
S70100374	37	25.1	S70202894	32.55	23.95
S70100394	37	25.1	S70203104	41.95	33.3
S70110104	37	25.1	S70203124	41.95	33.3
S70110124	37	25.1	S70203134	41.95	33.3
S70110174	37	25.1	S70203174	41.95	33.3
S70110194	37	25.1	S70203194	41.95	33.3
S70110204	40.5	28.6	S702031G4	41.95	33.3
S70110224	40.5	28.6	S70203804	34.2	25.6
S70110274	40.5	28.6	S70203864	34.2	25.6
S70110294	40.5	28.6	S70203874	34.2	25.6
S70110304	37	25.1	S70203884	34.2	25.6
S70110324	37	25.1	S70203894	34.2	25.6
S70110374	37	25.1	S70205104	40.7	32.1
S70110394	37	25.1	S70205174	40.7	32.1
S70110404	41.5	28.6	S70205194	40.7	32.1
S70110474	41.5	28.6	S70241024	36	27.4
S70110494	41.5	28.6	S70241064	36	27.4
S70110504	40.5	28.6	S70241074	36	27.4
S70110524	40.5	28.6	S70241084	36	27.4
S70110564	40.5	28.6	S70241094	36	27.4
S70110574	40.5	28.6	S70306724	41	32.4
S70110584	40.5	28.6	S70306764	41	32.4
S70110594	40.5	28.6	S70306774	41	32.4
S70110604	37	25.1	S70306784	41	32.4
S70110624	37	25.1	S70306794	41	32.4
S70110664	37	25.1	S70322004	29.5	20.9
S70110674	37	25.1	S70322074	29.5	20.9
S70110684	37	25.1	S70322094	29.5	20.9
S70110694	37	25.1	S70325104	42.1	33.5
S70112604	37	25.1	S70325174	42.1	33.5
S70112674	37	25.1	S70325194	42.1	33.5
S70112694	37	25.1	S70325804	34.55	25.95
S70113104	38.3	26.45	S70325864	34.55	25.95
S70113174	38.3	26.45	S70325874	34.55	25.95
S70113194	38.3	26.45	S70325884	34.55	25.95
S70116104	37	25.1	S70325894	34.55	25.95
S70116124	37	25.1	S703230045	34.2	25.2
S70116164	37	25.1	S70323074	34.2	25.2
S70116174	37	25.1	S70323094	34.2	25.2
S70116184	37	25.1	S703250045	29.1	21
S70116194	37	25.1	S70325124	42.1	33.5
S70116204	40.5	28.6	S70325824	34.55	25.95
S70116224	40.5	28.6	S703260045	29.1	21
S70116264	40.5	28.6	S703270045	29.1	21
S70116274	40.5	28.6	S70327074	29.1	21
S70116284	40.5	28.6	S70327094	29.1	21
S70116294	40.5	28.6	S703320045	29.5	20.9
S70116304	37	25.1	S703330045	29.5	20.9
S70116324	37	25.1	S703390045	29.5	20.9
S70116364	37	25.1	S70540004	36.3	27.7
S70116374	37	25.1	S70540064	36.3	27.7
S70116384	37	25.1	S70540074	36.3	27.7
S70116394	37	25.1	S70540084	36.3	27.7
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S70117694	37	25.1	S70540174	36.3	27.7
S70118304	40.5	28.6	S70540184	36.3	27.7
S70118374	40.5	28.6	S70540194	36.3	27.7
S70118394	40.5	28.6	S70540504	36.3	27.7
S70202004	36.9	28.3	S70540574	36.3	27.7
S70202074	36.9	28.3	S70540594	36.3	27.7
S70202094	36.9	28.3	S70542004	27.5	13.25
S70202104	40.3	34.7	S70542074	27.5	13.25
S70202124	40.3	34.7	S70542094	27.5	13.25
S70202134	40.3	34.7	S70542104	37.5	26.5
S70202174	40.3	34.7	S70542174	37.5	26.5
S70202194	40.3	34.7	S70542194	37.5	26.5
S70202804	32.55	23.95	S70546804	29	13.7

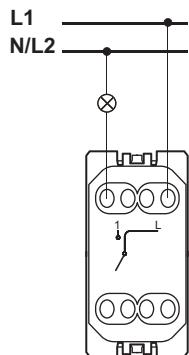
Ref.	Depth (A)	Embedding depth (B)	Ref.	Depth (A)	Embedding depth (B)	Ref.	Depth (A)	Embedding depth (B)
S70546824	29	13.7	S70866804	22.3	13.3	S713340N45	?	?
S70546864	29	13.7	S70866864	22.3	13.3	S71334304	37	25.1
S70546874	29	13.7	S70866874	22.3	13.3	S71335104	37	25.1
S70546884	29	13.7	S70866884	22.3	13.3	S71335304	37	25.1
S70546894	29	13.7	S70866894	22.3	13.3	S71336104	37	25.1
S70547004	42.5	33.8	S70878204	41.7	33	S71340204	21.2	12.6
S70547074	42.5	33.8	S70878274	41.7	33	S71346804	29	13.7
S70547094	42.5	33.8	S70878284	41.7	33	S713468234	29	13.7
S70547104	28.3	19.7	S70878294	41.7	33	S713468634	29	13.7
S70547174	28.3	19.7	S70878304	41.7	33	S713468694	29	13.7
S70547194	28.3	19.7	S70878374	41.7	33	S71349004	21.2	12.6
S70547504	24.5	15.9	S70878394	41.7	33	S71349104	21.2	12.6
S70547574	24.5	15.9	S70878609	52	33	S713491234	21.2	12.6
S70547594	24.5	15.9	S70878679	52	33	S713491634	21.2	12.6
S70547604	28.3	19.7	S70878689	52	33	S713491694	21.2	12.6
S70547674	28.3	19.7	S71302104	40.7	32.1	S71366804	22.3	13.3
S70547694	28.3	19.7	S71302804	32.55	23.95	S71378204	41.7	33
S70549004	21.2	12.6	S713028234	32.55	23.95	S71378304	41.7	33
S70549024	21.2	12.6	S713028634	32.55	23.95			
S70549074	21.2	12.6	S713028694	32.55	23.95			
S70549094	21.2	12.6	S71303104	41.95	33.3			
S70549104	21.2	12.6	S71310104	37	25.1			
S70549124	21.2	12.6	S71310304	37	25.1			
S70549164	21.2	12.6	S71310504	40.5	28.6			
S70549174	21.2	12.6	S71310604	37	25.1			
S70549184	21.2	12.6	S713106234	37	25.1			
S70549194	21.2	12.6	S713106634	37	25.1			
S70646904	28.9	20.3	S713106694	37	25.1			
S70646974	28.9	20.3	S71312129	55.6	35			
S70646994	28.9	20.3	S71312604	37	25.1			
S70647204	35	26.3	S71313104	38.3	26.45			
S70647274	35	26.3	S71316104	37	25.1			
S70647294	35	26.3	S713161234	37	25.1			
S70710024	55.6	35	S713161634	37	25.1			
S70710074	55.6	35	S713161694	37	25.1			
S70710094	55.6	35	S71316304	37	25.1			
S70712124	55.6	35	S713163234	37	25.1			
S70712174	55.6	35	S713163634	37	25.1			
S70712194	55.6	35	S713163694	37	25.1			
S70720024	55.6	35	S71317604	37	25.1			
S70720064	55.6	35	S71320104	37	25.1			
S70720074	55.6	35	S713201239	55.6	35			
S70720084	55.6	35	S71320129	55.6	35			
S70720094	55.6	35	S713201639	55.6	35			
S70720129	55.6	35	S713201699	55.6	35			
S70720169	55.6	35	S71320204	32.55	23.95			
S70720179	55.6	35	S71320804	32.55	23.95			
S70720189	55.6	35	S713208234	32.55	23.95			
S70720199	55.6	35	S713208634	32.55	23.95			
S70722124	55.6	35	S713208694	32.55	23.95			
S70722174	55.6	35	S71322034	29.5	20.9			
S70722194	55.6	35	S71322104	40.3	34.7			
S70723109	55.7	33	S71322129	55.6	35			
S70723179	55.7	33	S71323104	40.3	34.7			
S70723189	55.7	33	S71323109	55.7	33			
S70727129	44.7	33	S713240N45	29.1	21			
S70727179	44.7	33	S71324104	40.3	34.7			
S70727189	44.7	33	S71324304	37	25.1			
S70751429	44.7	33	S71324704	37	25.1			
S70751479	44.7	33	S71325804	34.55	25.95			
S70854109	29.5	20.9	S713258234	34.55	25.95			
S70854179	29.5	20.9	S713258634	34.55	25.95			
S70866004	19.35	10.55	S713258694	34.55	25.95			
S70866064	22.3	13.3	S71326104	37	25.1			
S70866074	19.35	10.55	S713261234	37	25.1			
S70866084	22.3	13.3	S713261634	37	25.1			
S70866094	19.35	10.55	S713261694	37	25.1			
S70866104	22.1	13.3	S71326304	37	25.1			
S70866124	22.1	13.3	S713280345	29.4	20.4			
S70866164	22.1	13.3	S71330104	37	25.1			
S70866174	22.1	13.3	S71332804	32.55	23.95			
S70866184	22.1	13.3	S71332804	32.55	23.95			
S70866194	22.1	13.3	S713328234	32.55	23.95			
S70866304	22.3	13.5	S713328634	32.55	23.95			
S70866374	22.3	13.5	S713328694	32.55	23.95			
S70866394	22.3	13.5	S71333104	40.3	34.7			

Technical informations

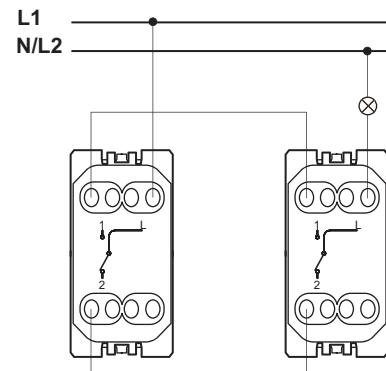
Control inserts

Switches and push-buttons

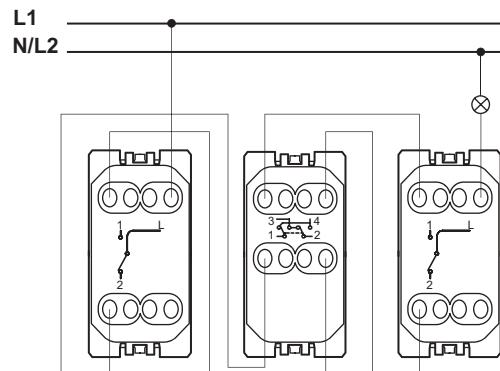
Connection examples



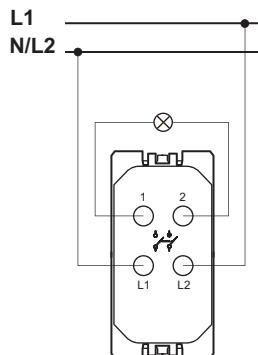
One-way switch



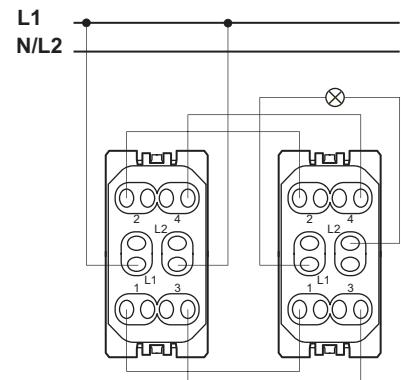
2 two-way switches



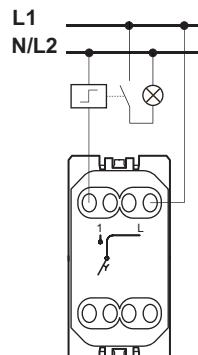
2 two-way switches + 1 intermediate switch



Double pole one-way switch



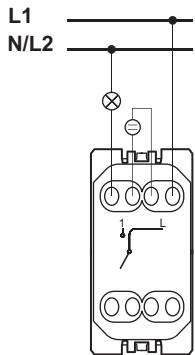
Double pole two-way switch



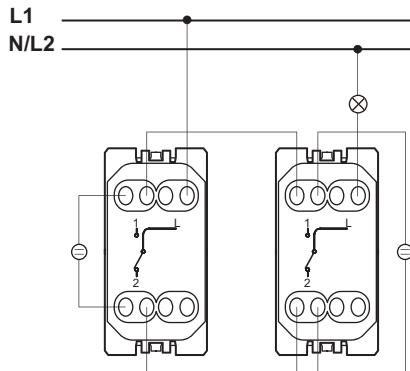
Push-button

Switches and push-buttons with green pilot lamp (plug & play)

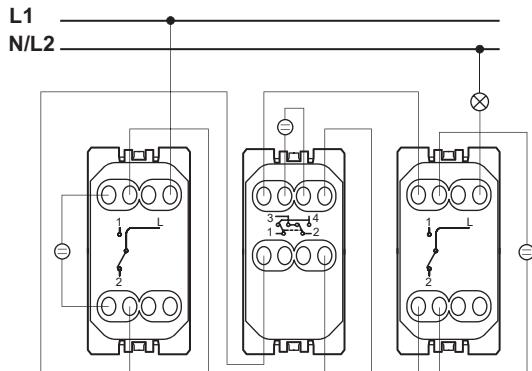
Connection examples



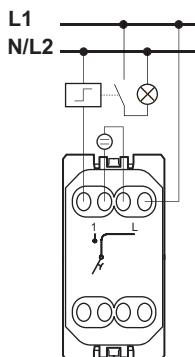
One-way switch
with locator lamp



2 two-way switches with green pilot lamp



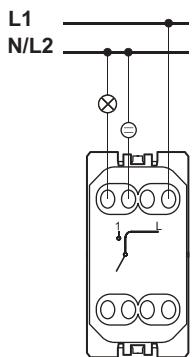
2 two-way switches + 1 intermediate with green pilot lamp



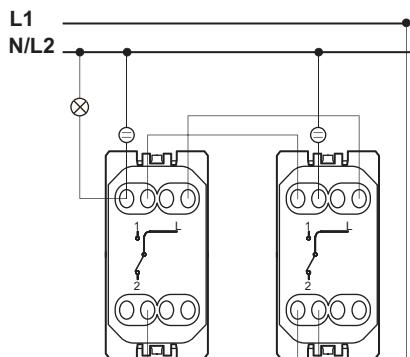
Push-button
with green pilot lamp

Switches and push-buttons with red pilot lamp (dedicated Neutral)

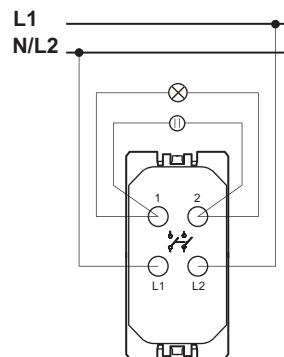
Connection examples



One-way with red pilot
lamp (dedicated Neutral)



2 two-way switches with red pilot lamp
(dedicated Neutral)



Double pole switch with red
pilot lamp (dedicated Neutral)

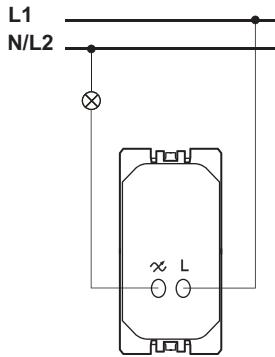
Technical informations

Comfort control inserts

Electric diagrams

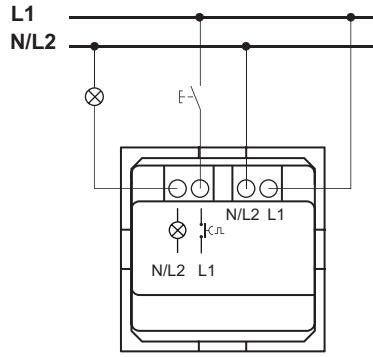
Rotary dimmers

S707x00xx - S707201xx



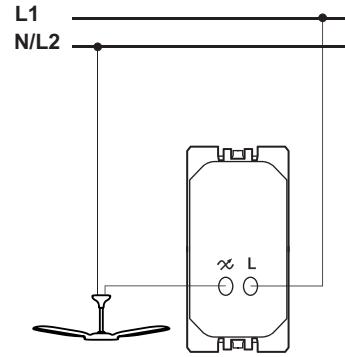
Digital dimmer push-button

S707514xx



Fan speed control

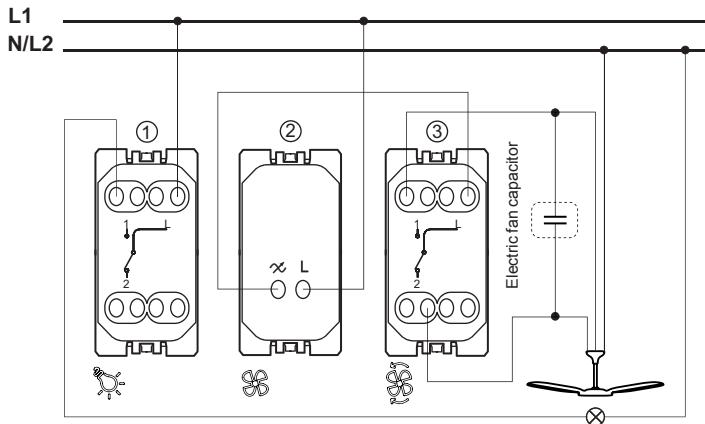
S707x21xx



Fan controller

+ lamp controlled by single point (1 way)

S707x21xx



① two-way switch for light control

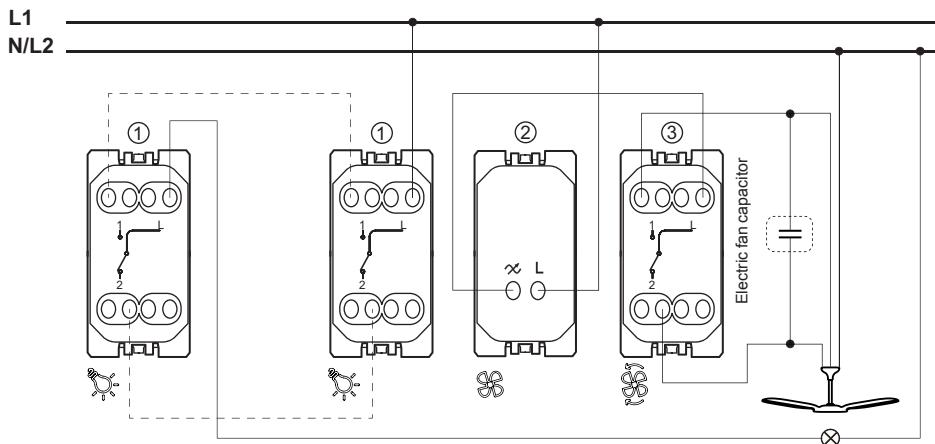
② fan speed control

③ two-way switch for reversing fan rotation

Fan controller

+ lamp controlled by double point (2 way)

S707x00xx - S707201xx



① two-way switches for light control

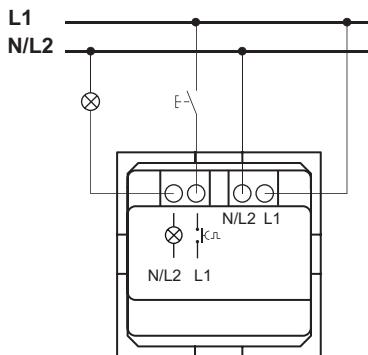
② fan speed control

③ two-way switch for reversing fan rotation

Electric diagrams

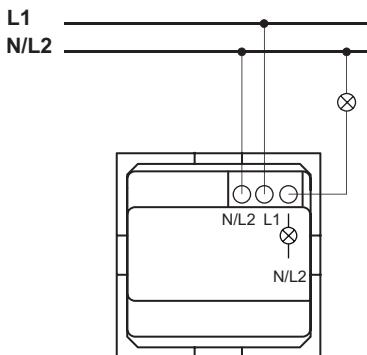
Electronic timer push-button

S707271xx



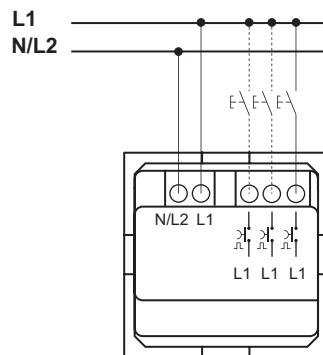
Movement detector

S707231xx



Electronic doorbell

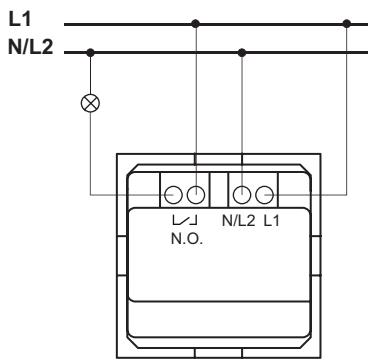
S708786xx



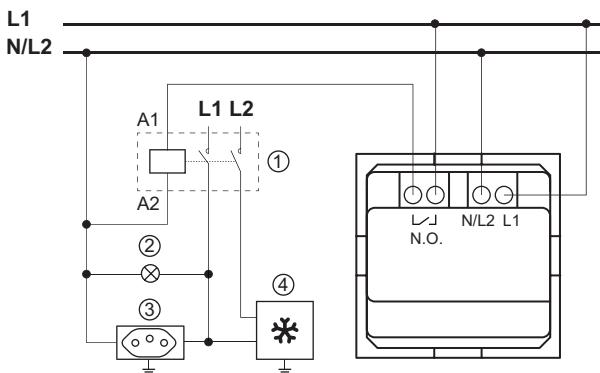
Card switch

S708541x9

Load connected directly



Connected to a contactor



① Contactor modular Acti9 (must be dimensioned according to total current, resulting from installed loads)

② Lamps (127 V AC)

③ Socket-outlets (127 V AC)

④ Air conditioning (220 V AC)

Technical informations

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 _A	Up to 500 MHz	Ethernet full-duplex mode 1000 Base T

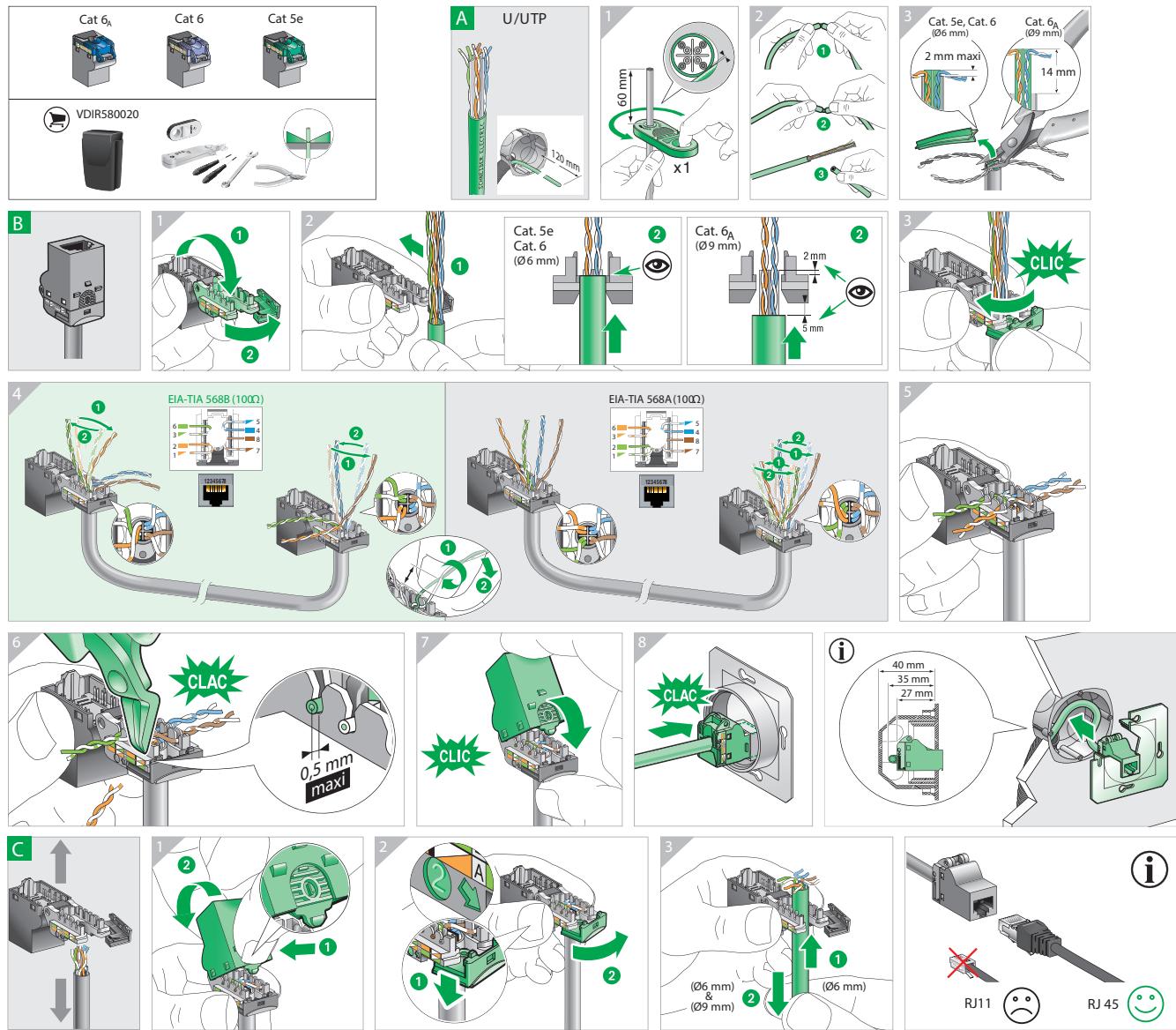
- So that an installation can be included in a certain category, all the elements making it up must belong to the same category, or, otherwise, it will be classed in the category of the lower category element.

Orion offer

- The Orion offer consists of supports for RJ45 connectors and of a broad and comprehensive range of RJ45 Actassy 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).

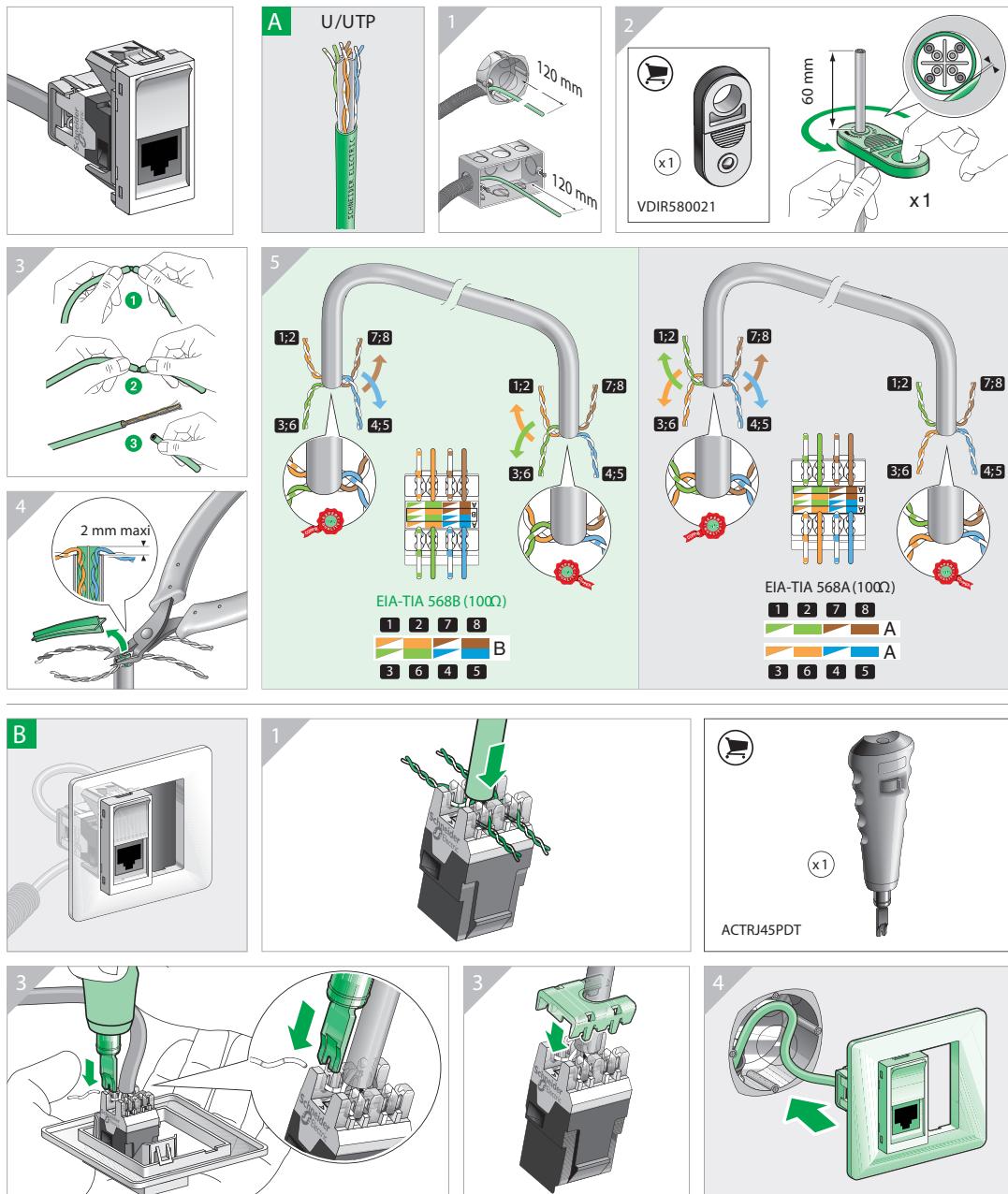
Installation

Example of unshielded data socket installation



Installation

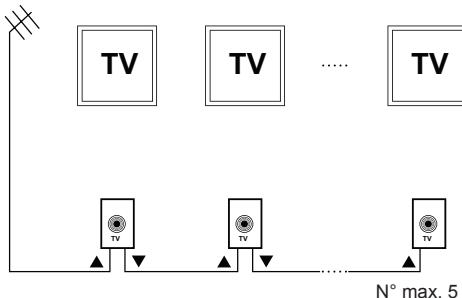
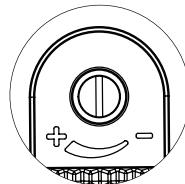
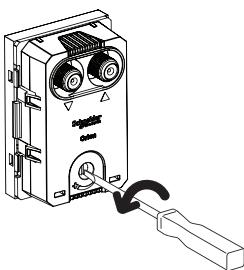
Example of unshielded punch down data socket installation



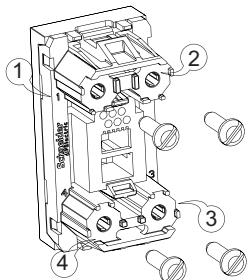
TV sockets

Telephone sockets

USB data connector

TV sockets**Network structure****Adjustment**

0 - 20 dB

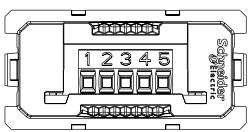
Telephone sockets**Connection**

RJ11 - 4 wires

Connector	3	4	2	1
Symbol colour	TX	L2	L1	TS

RJ11 - 2 wires

Connector	1	2
Symbol colour	L1	L2

USB data connector**Connection**

1	Gnd	—
2	D+	—
3	D-	—
4	Vbus (5 V DC)	—
5	—	—

S730201274	58	S735103014	58
S730201294	58	S735103024	56
S730203004	58	S735103264	58
S730203024	56	S735103274	58
S730203064	58	S735103294	58
S730203224	58	S735121004	58
S730203234	58	S735121014	58
S730203264	58	S737103405	59
S730203274	58	S737103425	59
S730203294	58	S737103555	59
S731001004	57	S739103005	61
S731001074	57	S739203005	61
S731001094	57	S739603005	61
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