ORION
General Catalogue
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.

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.
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.

Providing an elegant appearance by chrome or aluminium, Orion Materials perfectly enrich contemporary ambiances.
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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-outslets up to electronic inserts, dimmers, multimedia socket-outslets 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 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.

**A NEW STAR OF FUNCTIONALITY**

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

![Chrome Materials](image)

*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.

![Aluminium Materials](image)
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.
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 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
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.

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

**LIVING AND DINING ROOM**
The perfect light level
- With comfortable dimmer push-buttons the perfect atmosphere can be set easily

**HALLWAY**
The efficient path to savings
- Time delay switches can be preset to how long the lights stay on in high-traffic areas

**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

**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

**BEDROOM**
**The perfect place to sleep**
- Dimmer switches make waking up easy thanks to soft, gentle light

**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

**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 accommodation (when the card is inserted) and switched off as soon as (the card) is removed.
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.

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

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

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

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

USB charger:
Charge smartphones easily, directly from a socket!
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. Very easy to install 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 is 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
- **Easy adjustment:** of minimum luminosity operation

**LED DIMMERS**

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

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

**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**

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.

- 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)

- 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)

- 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 gripsat 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.
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

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

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.

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).

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.

Point of contact verification make job easier. The installer can test the switch without remove it from the wall.
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.