Catalog for contractors

Solutions for Buildings and Energy Management

se.com/contractors

Life Is On | Schneider Electric

Solutions for buildings and energy management

Contents

Pioneering the future of intelligent buildings and the IoT for shared customers

+2.5B

Urban population growth by 2050

Building digitization

x3 **in 6 years**

+60%

Electricity consumption planned for 2035

Schneider Electric in a few words

Schneider's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On. Our mission is to be your digital partner for Sustainability and Efficiency.

We are leaders and pioneers in the field of energy management, as we are constantly developing innovative solutions to create more efficient and sustainable systems based on our long field-proven experience. Our mission is to be your digital partner for sustainability and efficiency, keeping in mind your need to deliver quality projects on time.

We drive digital transformation by integrating the world's leading process and energy technologies, end-point to cloud, connecting products, controls, software and services across the entire lifecycle, enabling integrated enterprise management.

Because we always want to be close to our customers and partners, we are constantly expanding and training partners around the world. This makes us the most local of the global companies

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure, and industries.

We are the most local of global companies. We are advocates of open standards and partnership ecosystems that are passionate about our shared Meaningful Purpose, Inclusive and Empowered values.

Electrical distribution architecture in a building

As the global specialist in energy management and automation, we help contractors stay up to date with the swift evolution of markets, technologies, and knowledge. We provide solutions that are IoT-enabled, plug-and-play, open, inter-operable architectures and platforms, in buildings of all kinds.

Typical characteristics of a building

Environment
- Room controllers
- Network configuration
- HVAC
- Lighting
- Emergency Lighting

Alternative power supplies
- One or more decentralized gensets
- 1-phase and/or 3- phase UPS to maintain critical loads supply

Green alternatives
- Solar PV
- Electric Vehicle Charging infrastructure
- Home & Building Automation

Building specificity

Beyond just connecting infrastructure to an energy source, our power solutions play a vital role in establishing sustainable and efficient buildings. Through our cutting-edge technology and innovative designs, we offer reliable, efficient, and sustainable options that elevate architectural capabilities. With our IoT-enabled systems, our power solutions can be monitored and managed remotely worldwide, resulting in decreased on-site intervention and access to preventive maintenance services that ensure optimal system functionality. Our approach also prioritizes sustainable building practices and advanced architecture, providing increased value to your project. Instead of relying on diesel or gas generators for critical and emergency loads, we offer a more efficient and sustainable alternative for alternate power sources.

What buildings need

There are five primary infrastructures in buildings: Mechanical, Electrical, Information and Communications Technology, Security, and Services. Each division of infrastructure functions to bind the physical environment to precise outcomes; to provide safe, connected, efficient, sustainable, and reliable environments for occupant quality; and to ensure the financial viability of the organization. This is what we call EcoStruxure™.

Mechanical
- Elevators (as well in Electrical)
- Gates (accesses)
- Automated systems
- Waste water
- HVAC

Electrical
- Elevators,
- Air-conditioning
- Lighting
- Power supply
- Renewable Power generation
- Ventilation
- Emergency Lighting
- EV charging infrastructure

Information and communications technology
- Data centers
- Cloud services
- UPS
- Edge control
- Software and apps

Security
- Industrial
- Grid
- Power
- Buildings
- Data Centers

Services
- Service plans
- Maintenance
- Modernization
- Recycle
- Spare parts
- Training

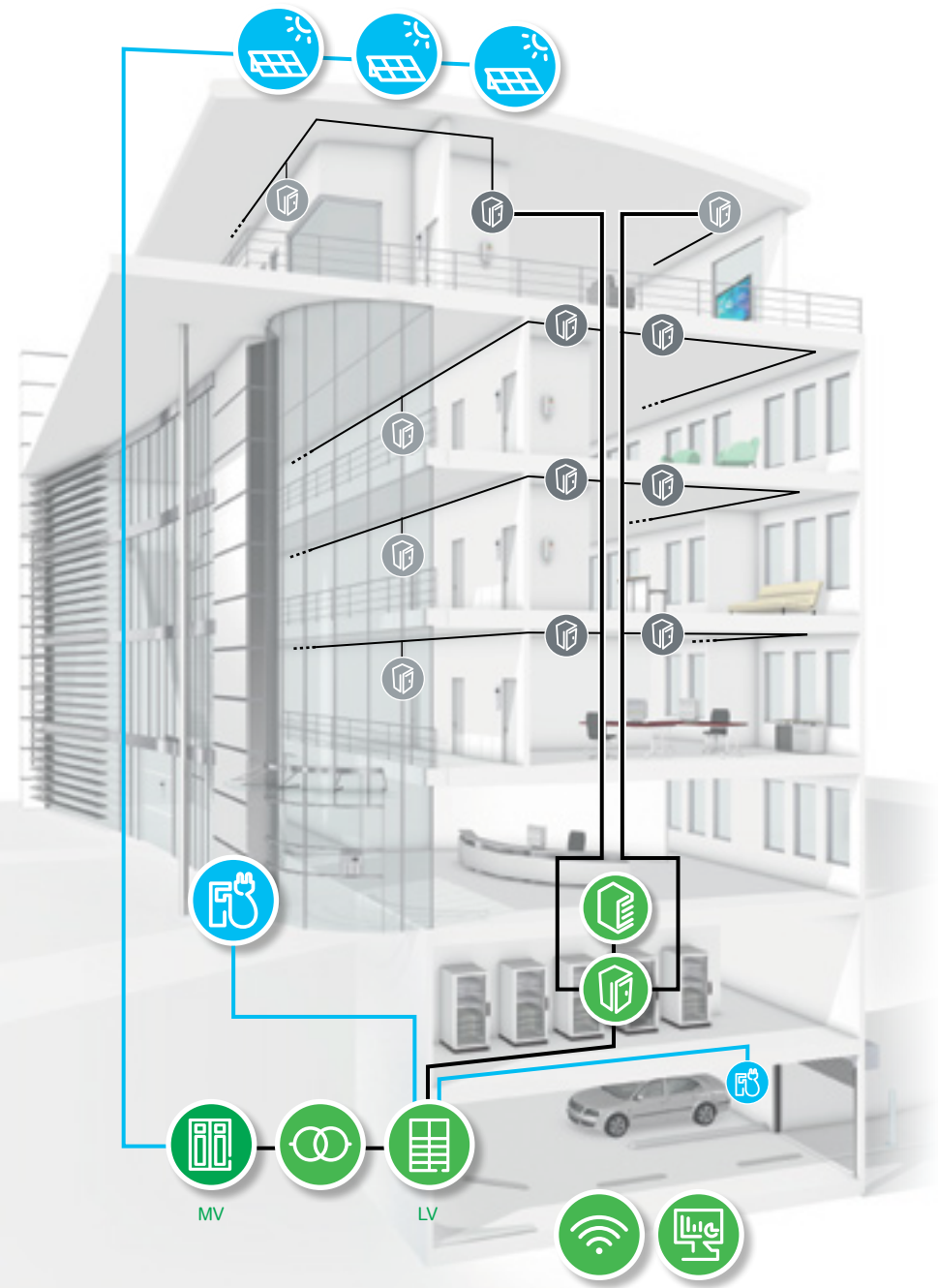## Schneider Electric can help you to optimize a global architecture solution for buildings

- Configuration tools for quick and optimized quotation
- Getting the best quality product for the budget
- Quick installation systems and easier commissioning
- Easy to maintain equipment and added-value services
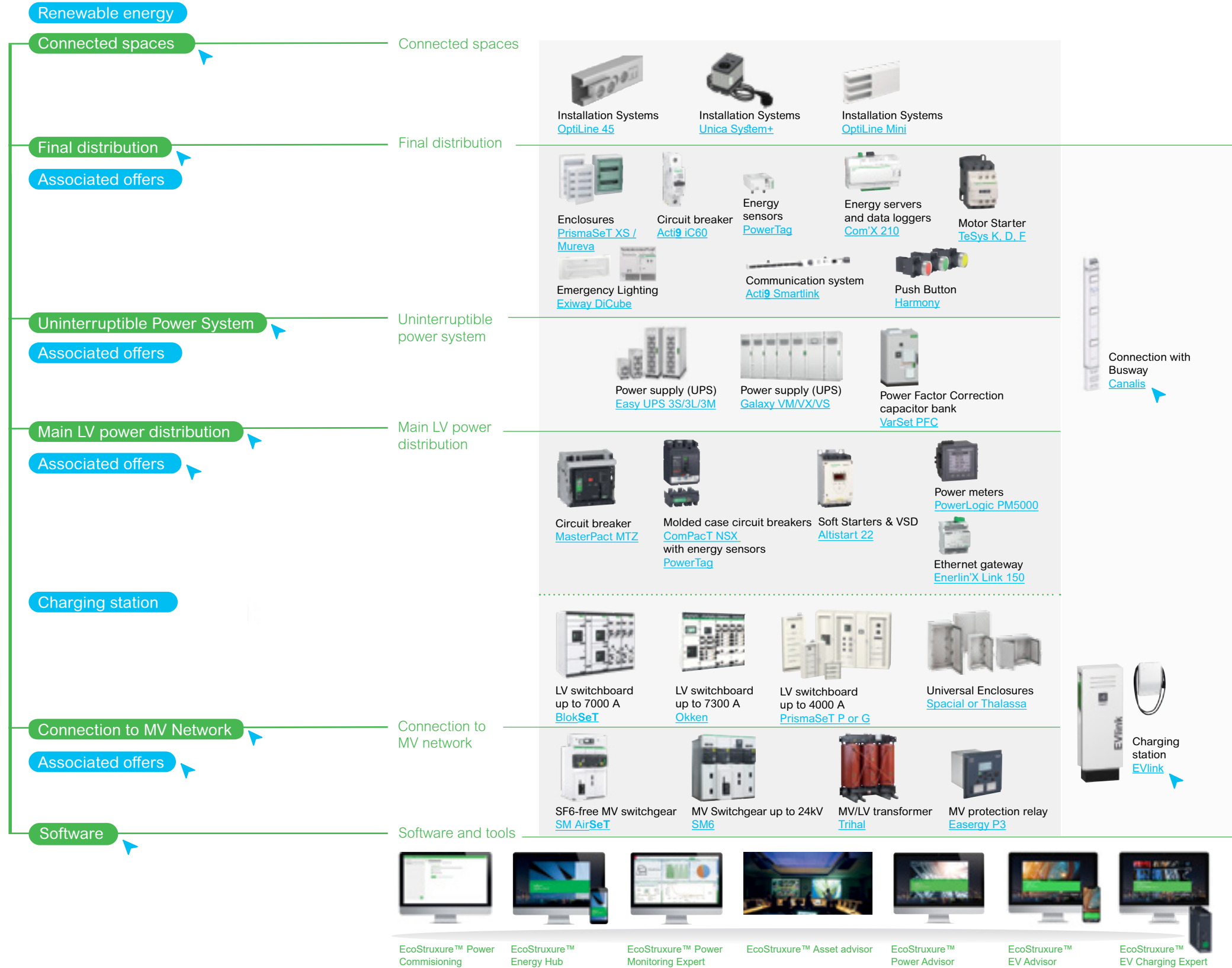- Training on innovations that work and informed of market evolutions.

Overview

A complete solution of power distribution management

Electrical installations shall comply with more than one set of regulations, issued by National Authorities or by recognized private bodies. Schneider Electric™ complies with these constraints with IEC standards on all the product (from design to installation).

Renewable energy

Connected spaces

Final distribution

Associated offers

Uninterruptible Power System

Associated offers

Main LV power distribution

Associated offers

Charging station

Connection to MV Network

Associated offers

Software

Global offers   Easy to install   Easy to maintain

MV   LV

Electrical architecture

Connected spaces

Installation Systems
OptiLine 45

Installation Systems
Unica System+

Installation Systems
OptiLine Mini

Final distribution

Enclosures
PrismaSeT XS /
Mureva

Circuit breaker
Acti9 iC60

Energy
sensors
PowerTag

Energy servers
and data loggers
Com'X 210

Motor Starter
TeSys K, D, F

Emergency Lighting
Exiway DiCube

Communication system
Acti9 Smartlink

Push Button
Harmony

Uninterruptible power system

Power supply (UPS)
Easy UPS 3S/3L/3M

Power supply (UPS)
Galaxy VM/VX/VS

Power Factor Correction
capacitor bank
VarSet PFC

Connection with
Busway
Canalis

Main LV power distribution

Circuit breaker
MasterPact MTZ

Molded case circuit breakers
ComPacT NSX
with energy sensors
PowerTag

Soft Starters & VSD
Altistart 22

Power meters
PowerLogic PM5000

Ethernet gateway
Enerlin'X Link 150

LV switchboard
up to 7000 A
BlokSeT

LV switchboard
up to 7300 A
Okken

LV switchboard
up to 4000 A
PrismaSeT P or G

Universal Enclosures
Spacial or Thalassa

Connection to MV network

SF6-free MV switchgear
SM AirSeT

MV Switchgear up to 24kV
SM6

MV/LV transformer
Trihal

MV protection relay
Easergy P3

Charging
station
EVlink

Software and tools

EcoStruxure™ Power
Commisioning

EcoStruxure™
Energy Hub

EcoStruxure™ Power
Monitoring Expert

EcoStruxure™ Asset advisor

EcoStruxure™
Power Advisor

EcoStruxure™
EV Advisor

EcoStruxure™
EV Charging Expert

Connection to MV network

Modular switchboard

MV   LV

SM AirSeT Active Plus

Comprehensive Monitoring & Control

- Decision and Control capabilities from Edge layer for all devices.
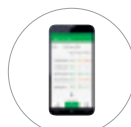- Comprehensive condition monitoring solution from locally, nearby, or remotely.

⌄

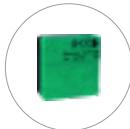### Active plus

24/7 connected condition monitoring of your switchgear with local, remote, and cloud based connectivity for advanced services and smart alarms.

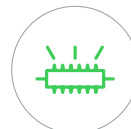|				
Cloud connectivity	Nearby monitoring and control	SMS alarming	Substation monitoring	Digital logbook

Environmental monitoring	Thermal monitoring	Arc fault detection	Circuit breaker monitoring	Partial discharge monitoring

SM Air**SeT**

More info ▶

SF$_6$-free Modular Air-Insulated MV Switchboard up to 24kV

Part of **SeT** Series

Green and digital modular AIS MV switchgear for secondary distribution networks and installations in commercial and industrial buildings sectors and utilities.

SM AirSeT is easy to adopt. It retains the benefits valued by customers in former SF$_6$ equipment: identical compact physical footprint, 3-position switch, transformer protection via switch-fuse unit. By being compact, flexible, and easy to install and operate, the SM AirSeT helps to avoid changes to installations and working practices.

Characteristics

- SM AirSeT combines pure air for insulation and vacuum technology for arc interruption. Innovative Shunt Vacuum Interruption (SVI)™ is used for breaking without use of alternative gases, and producing no toxic by-products
- Rated current 630 and 1250 A
- Short-circuit current up to 25 kA
- Internal arc classification:
  Basic A-FL: 12.5 kA 1s
  Advanced A-FL(R): 12.5 kA 1s, 16 kA 1s, 20 kA 1s

Discover EcoStruxure connected solutions
Visit the web
Watch the video
Download the catalogue

EcoStruxure™ Power Device

Download   How To Use EcoStruxure Power Device App

Functions:

Switch, Switch-fuse, Circuit breaker, Riser, MV metering and measurement, Nearby control, Thermal monitoring, Environmental monitoring, Circuit breaker monitoring, partial discharge monitoring, QR codes, Internal arc detection, LPVT

Connectivity:

SM AirSeT also boasts other powerful digital capabilities extending beyond local visibility and maintenance.
Now switched to PowerLogic P3

ASSOCIATED OFFERS

Easergy TH110

Battery free and wireless sensors perform the continuous thermal monitoring of all the critical connections made on field like:
- Cable connections
- Bus bar connections
- Withdrawable CB connections
It also allows the monitoring of any power connections of indoor installation like MV Transformers connections or LV Switchgears.

More information on se.com

Magelis

Easy to install, to set up and to operate, Schneider Electric's Human Machine Interfaces (HMI) provide a simple and effective means of connecting systems, collecting data and presenting information in a meaningful format.

More information on se.com

PowerLogic™ P3

Easy-to-use protective relays for Medium Voltage applications designed for unparalleled efficiency and greater connectivity.

From overcurrent to advanced protection, with Arc detection and Ethernet communication including IEC 61850.
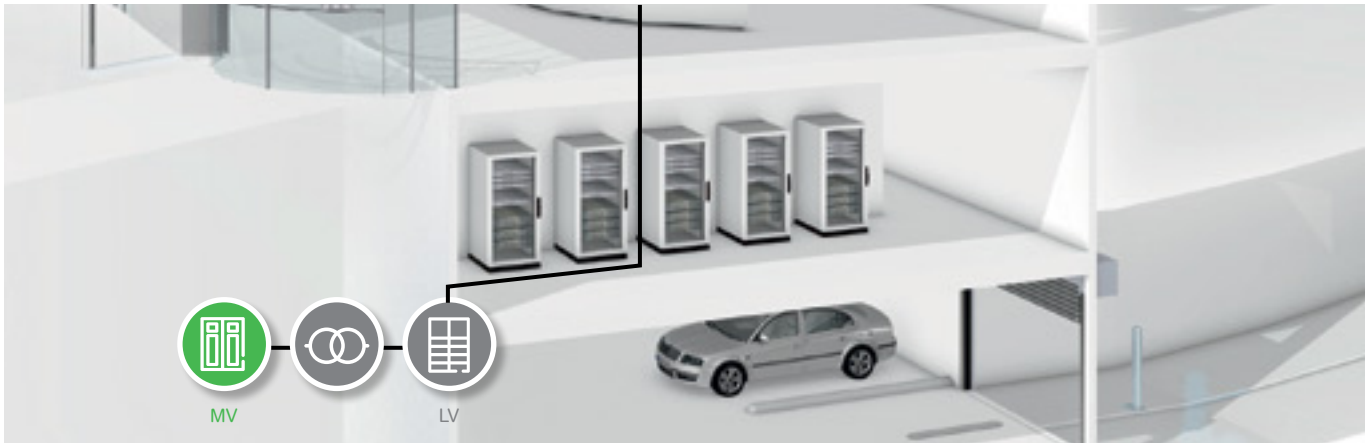
More information on se.com

PowerLogic PM5000

Compact, versatile power meters for energy cost and basic network and asset management applications.
- Simple integration into larger systems and solutions
- Easy setup with intuitive HMI
- Cost effective, can meet the majority of system requirements.

More information on se.com

Connection to MV network

Modular switchboard
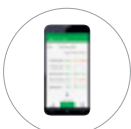
MV   LV

Active plus

24/7 connected condition monitoring of your switchgear with local, remote, and cloud based connectivity for advanced services and smart alarms.

Cloud connectivity

Nearby Monitoring & Control

SMS Alarming

Substation Monitoring

Condition Monitoring

Arc Fault Detection

Circuit Breaker Monitoring

SM6

Modular switchboard up to 24 kV
Part of **SeT** series

An Air-Insulated modular switchboard that guarantees protection hi-reliability for your underground secondary distribution, flexible and easy to install and operate.

Combining flexibility with simplicity of installation and operation, SM6 is a concentrate of Schneider-Electric know-how.

Product references

Characteristics
• Containing fixed or withdrawable circuit breaker, using vacuum breaking technology, switch-disconnector and contactor
• Rated current 400, 630 and 1250 A
• Short-circuit current up to 25 kA
• Internal arc withstand:
  12.5 kA/1s and 16 kA/1s ,IAC: A-FL and A-FLR.
  Additional internal arc withstand for 20 kA/1s,
  IAC A-FL and A-FLR upwards exhaust.

Functions
Circuit breakers, Fuse-switch, Metering, Switch

Connectivity
Thermal sensor TH110, Easergy Thermal App, QR Code, Easergy P3.

Learn more about this connected solution

EcoStruxure™ Power Device

Download   How To Use EcoStruxure Power Device App

ASSOCIATED OFFERS

Easergy TH110

Battery free and wireless sensors perform the continuous thermal monitoring of all the critical connections made on field like:
• Cable connections
• Bus bar connections
• Withdrawable CB connections
It also allows the monitoring of any power connections of indoor installation like MV Transformers connections or LV Switchgears.

Discover how to connect your existing installation
More information on se.com

PowerLogic PM5000

Compact, versatile power meters for energy cost and basic network and asset management applications.
• Simple integration into larger systems and solutions
• Easy setup with intuitive HMI
• Cost effective, can meet the majority of system requirements.
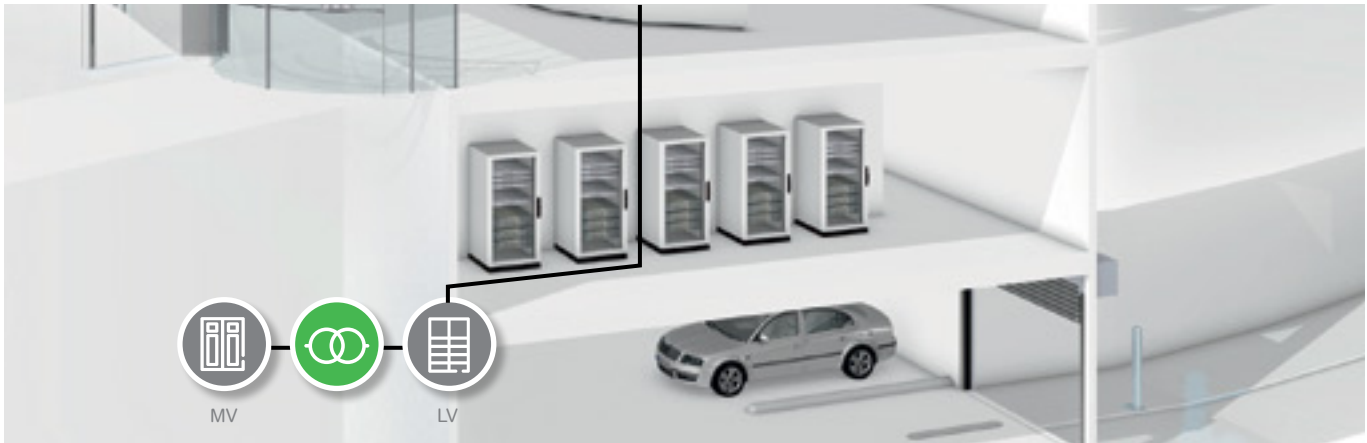
More information on se.com

Easergy P3

Easy-to-use protective relays for Medium Voltage applications designed for unparalleled efficiency and greater connectivity.

From overcurrent to advanced protection, with Arc detection and Ethernet communication including IEC 61850.
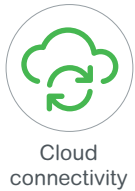
More information on se.com

Connection to MV network

Transformers

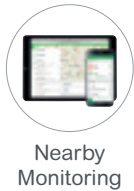MV   LV

Active plus

24/7 connected condition monitoring of your transformer with local, remote, and cloud based connectivity for advanced services and smart alarms.
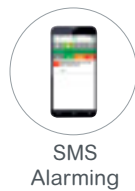

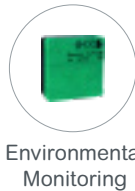Cloud connectivity

QR Code

Nearby Monitoring

SMS Alarming

Substation Monitoring

Thermal Monitoring

Environmental Monitoring

LV Windings Monitoring

Trihal

Product references ▶

EcoStruxure™ Ready Distribution Transformers
Android / iOS

EcoStruxure Ready distribution transformers
 ▶

Cast resin distribution transformer up to 20 MVA 36 kV

Part of **SeT** Series

Safer and environmental friendly solution for Medium Voltage and Electrical Distribution networks

Characteristics
- Rated power from 100 kVA to 20 MVA
- Rated insulation level up to 36 kV
- Rated frequency: 50 or 60 Hz
- MV windings encapsulated in cast resin
- Pre-impregnated LV windings
- Thermal insulation Class F
- Certification E4 ,C4 F1 as per IEC 76-2018 (new version)
- Deep temperature storage up to -50°C
- Resistance to high level of humidity > 95 %
- Naturally cooled (AN) or air forced (AF) on request
- Indoor installation or outdoor on request (with enclosure)
- Enclosure with protection up to IP44

Connectivity
Thermal sensor TH110, Thermal App.

Learn more about this connected solution

Options:
- For demanding application in EV Charging and Datacenters
- Enhanced reliability and safety for buildings and infrastructures
- Self-extinguishing dry type transformer to reduce fire risks
- High performance in severe and harsh ambient conditions, humidity and pollution
- Extended lifespan due to quality design with low partial discharge <5pc

Suitable for fire hazards (Self-extinguishing)

Totally insensitive to harsh environments (pollution or condensation)

Easy and quick to install with a minimum maintenance

ASSOCIATED OFFERS

PowerLogic

Battery free and wireless sensors perform the continuous thermal monitoring of all the critical connections.
It also allows the monitoring of any power connections of indoor installation like MV Transformers connections or LV Switchgears.

Discover how to connect your existing installation
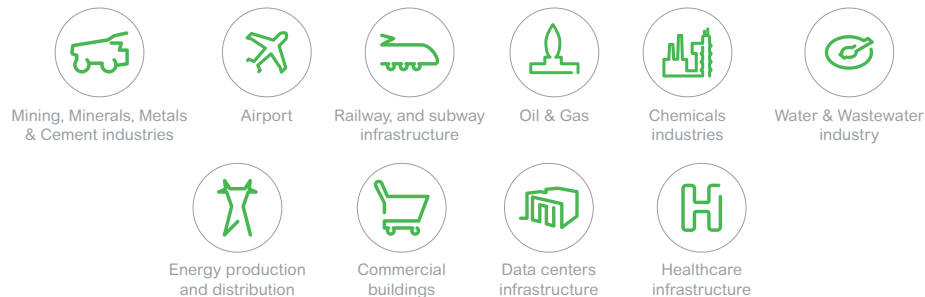More information on se.com

Main LV power distribution

Power distribution switchboard

MV   LV

⌄
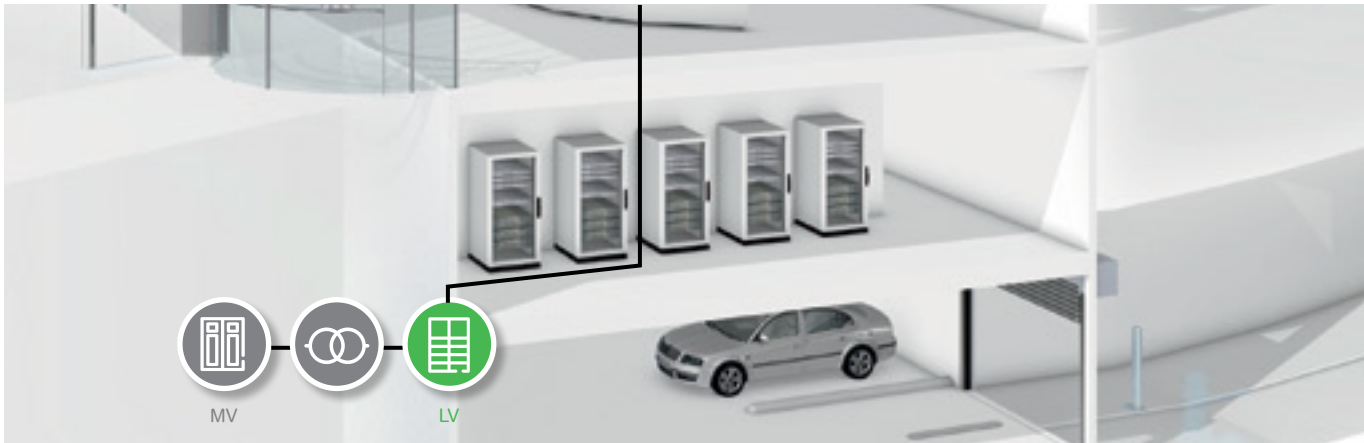
Reliable

Durable low voltage switchboards that deliver intelligent power distribution and motor control.

Versatile

Mining, Minerals, Metals & Cement industries

Airport

Railway, and subway infrastructure

Oil & Gas

Chemicals industries

Water & Wastewater industry

Energy production and distribution

Commercial buildings

Data centers infrastructure

Healthcare infrastructure

Blok**SeT**

High dependability low voltage switchboards for power distribution and motor control

Part of **SeT** Series

Description

High performance
• Power feeder up to 6300 A
• Motor control up to 250 kW
• Main busbar up to 7000 A
• Rated voltage up to 690 V

iPMCC by BlokSeT, the smart and advanced TVDA solutions
• Optimize motor performance, energy efficiency, and fault prevention
• Local/ remote real-time access, and automatic restarting

Compliance and certification
• Type tested as per IEC 61439-1 and -2

Protection and safety
• Isolated live parts up to IPxxD
• Thermal monitoring
• Type 2 coordination

Internal arc protection
• Compliant as per IEC TR 61641 edition 3, up to 100 kA / 0.4 s

Reliability in harsh environments
• Protection degrees up to IP54
• SO2/H2S resistant versions
• 2G resistant versions

Optimized architecture and footprint
• Compatibility with medium voltage equipment and Canalis power busways
• Rear/ front access, top/ bottom connection, double-front access
• Withdrawable, disconnectable, and fixed functional units
• Linergy horizontal and vertical busbars.

Product references

▶

Watch

BlokSeT switchboard solutions contribute to:
• Safety of persons, as well as reliability and continuity of service of the electrical installation
• Return on investment by helping make electrical networks reliable, while improving energy efficiency
• Performance and intelligence for safety, reliability, and energy efficiency.
• Worldwide services and localized support: training, maintenance, troubleshooting, etc.
• Green Premium™ equipment

ASSOCIATED OFFERS

MasterPact MTZ	Com**PacT** NSX	PowerTag	**PowerLogic** PM5000 series

Circuit breakers up to 6300 A embedding advanced digital technologies
Connect your electrical switchboard to any building and energy management system.

Molded case circuit breakers up to 630 A designed to meet your needs from thermal-magnetic to advanced MicroLogic trip units with earth leakage protection.

Class 1 wireless communication energy sensor that monitors and measures energy and power in real time.
Designed for new or existing installations in the residential, small business, and commercial building segments, PowerTag sends alerts in the event of an electrical anomaly.
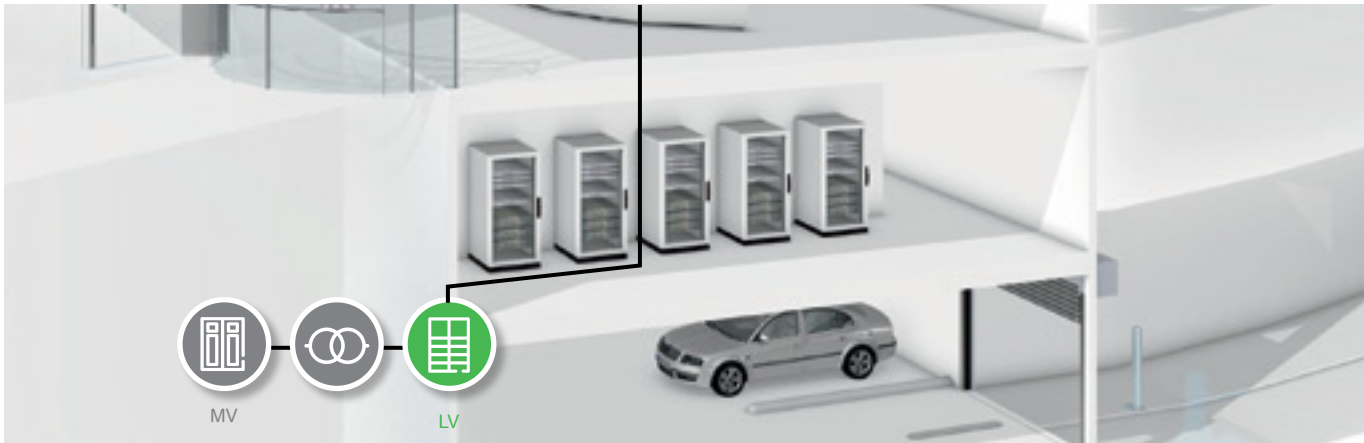
Compact, versatile power meters for energy cost and basic network and asset management applications.
• Simple integration into larger systems and solutions
• Easy setup with intuitive HMI
• Cost effective, can meet the majority of system requirements.

More information on se.com

More information on se.com

More information on se.com

More information on se.com
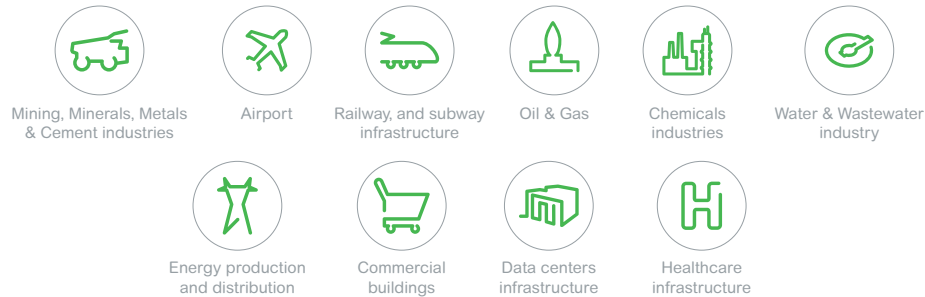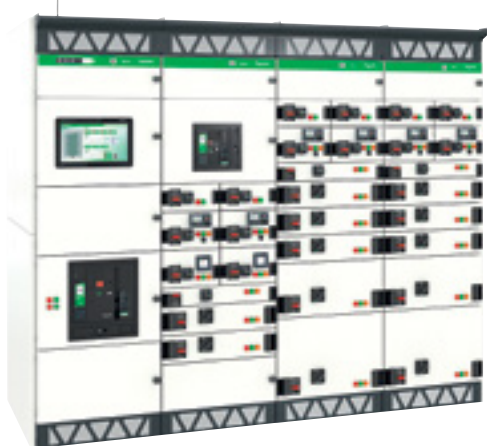
Main LV power distribution

Power distribution switchboard

MV   LV

⌄

Efficient

Smart grid-ready.
Offering advanced protection,
fault protection
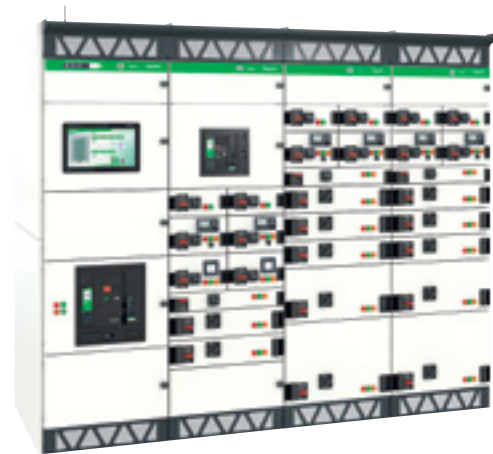and seamless integration
with energy management and
control systems.

Large industrial sites
Low voltage switchboards for large industrial sites,
commercial buildings, and infrastructure.

Mining, Minerals, Metals & Cement industries	Airport	Railway, and subway infrastructure	Oil & Gas	Chemicals industries	Water & Wastewater industry
Energy production and distribution	Commercial buildings	Data centers infrastructure	Healthcare infrastructure		

Okken

Low voltage switchboards for power distribution and motor control up to 7300 A

Part of **SeT** Series

Description
High dependability low voltage switchboards for power distribution and motor control

Characteristics
High performance
• Power feeder up to 6300 A
• Motor control up to 315 kW
• Main busbar up to 7300 A
• Rated voltage up to 690 V

iPMCC by Okken, the smart and advanced TVDA solutions
• Optimize motor performance, energy efficiency, and fault prevention
• Local/ remote real-time access, and automatic restarting

Compliance and certification
• Type tested as per IEC 61439-1 and -2
• DNV, RINA, and BV marine certification
• DEP Shell approval

Protection and safety
• Closed door racking drawers
• Isolated live parts up to IPxxD
• Thermal monitoring (Exertherm system)
• Type 2 coordination

Internal arc protection
• Compliant as per IEC TR 61641 edition 3, up to 100 kA / 0.5 s
• Arc flash detection (VAMP systems)
• Arc-free zones

Reliability in harsh environments
• Protection degrees up to IP54
• SO2/H2S resistant versions
• 5G and 2.7G resistant versions

Optimized architecture and footprint
• Compatibility with medium voltage equipment and Canalis power busways
• Rear/ front access, top/ bottom connection, double-front access
• Withdrawable, disconnectable, and fixed functional units.

Okken switchboard solutions contribute to:
• Safety of persons, as well as reliability and continuity of service of the electrical installation
• Return on investment by helping make electrical networks reliable, while improving energy efficiency
• Performance and intelligence for safety, reliability, and energy efficiency.
• Worldwide services and localized support: training, maintenance, troubleshooting, etc.
• Green Premium™ equipment

ASSOCIATED OFFERS

MasterPact MTZ	Com**PacT** NSX	Alti**start** 22 Soft Starters	**TeSys** U	**PowerLogic** PM5000
Circuit breakers up to 6300 A embedding advanced digital technologies	Molded case circuit breakers up to 630 A designed to meet your needs from thermal-magnetic to advanced MicroLogic trip units with earth leakage protection.	All-in-one Soft Starters for electrical motors from 4 to 400 kW.	The most compact motor starter. It covers main motor applications (direct on line, reversers, drive protection) from 0 to 15 kW (0 to 32 A) ensuring a breaking capacity of 50 kA with total coordination (according to IEC 60947-6-2)	Compact, versatile power meters for energy cost and basic network and asset management applications.
Connect your electrical switchboard to any building and energy management system.		Designed for most infrastructure and industrial applications for better in-class protection function and ease of use.		• Simple integration into larger systems and solutions • Easy setup with intuitive HMI • Cost effective, can meet the majority of system requirements.
More information on se.com	More information on se.com	More information on se.com	More information on se.com	More information on se.com

Main LV power distribution

Power distribution switchboard up to 630 A

MV   LV
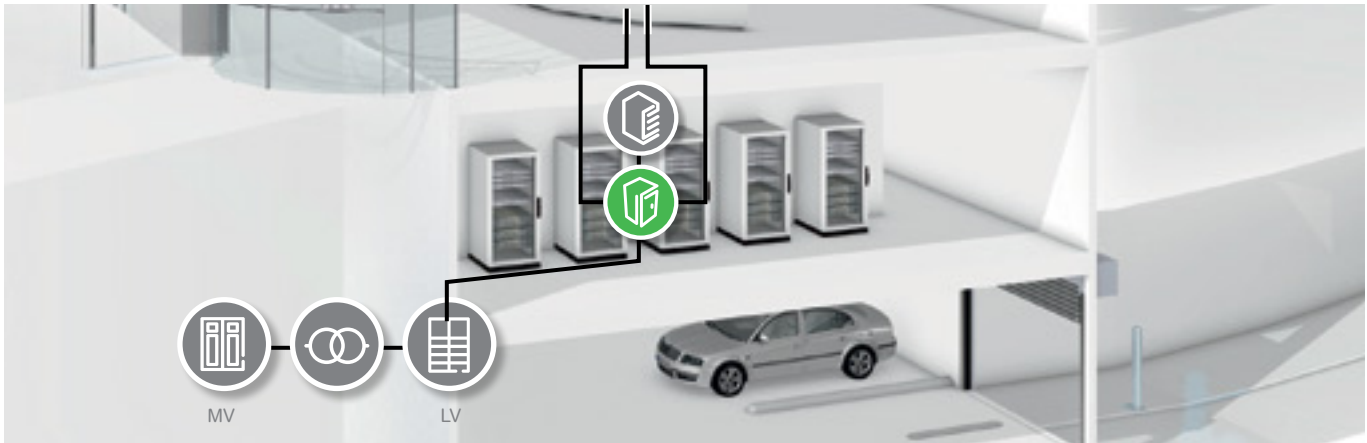
Optimized and upgradeable

With this complete, prefabricated, and tested system, it's easy to upgrade your installation and still maintain performance levels.
> The wall-mounted and floor-standing enclosures combine easily with switchboards already in service.
> Devices can be replaced or added at any time.

Efficient installation and connection work on-site: easy connection on-site, whatever the cable cross-section or installation location.

Easy maintenance throughout the switchboard: easy and direct access to devices, in a switchboard in service.

Commercial and industrial buildings
Low voltage distribution and control switchboards for commercial and industrial buildings.

Leisure and culture	Sports	Education
Offices	Healthcare (hospitals, clinics)	Hotels
Industrial buildings (non-critical process, logistic, agricultural)	Retail (multi-user centers, chain and independent retailers)	Data and Telecom (data centers, server rooms, network solutions)

PrismaSeT G Active

[Product references ▶]

Watch

Power distribution for wall-mounted or floor-standing switchboards up to 630 A
Part of **SeT** Series

Description
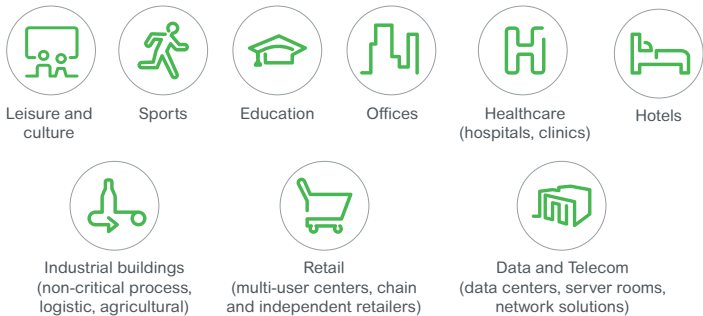PrismaSeT Active is the newest generation of low-voltage switchboards, natively cloud connected. This revolutionary approach lets panel builders and electrical contractors give a voice to power distribution across commericial buildings. Commissioning is made faster, before smart alarms help optimize maintenance and improve uptime.

Characteristics
PrismaSeT G: electrical distribution switchboard solutions, IEC 61439-1&2 compliant, sold in kit form.

Wall-mounted and floor-standing enclosures for electrical switchboards up to 630 A, Isc 50 kA

Seismic performances: 2.5 g without additional accessories (IEC 60068-2-57 standard), ensuring that the switchboard will continue operating as intended even in severe earthquake conditions.

Specifications:
• Metal enclosures: steel metal sheet with electrophoresis treatment and hot-polymerized polyester epoxy powder coating
• Color white RAL 9003
• Degree of protection IP30 to IP4X and IP55
• Degree of protection against mechanical impacts: from IK07 to IK10

IEC standard

With PrismaSeT G you can be sure to build efficiently:
• All components (switchgear, distribution blocks, prefabricated connections, etc.) are rated and coordinated to work together;
• All switchboard configurations, even the most demanding ones have been tested for quality. You can prove that your switchboard meets the current standards, at any time. You can be sure to build a reliable electrical installation and give your customers full satisfaction in terms of dependability and reliability for people.
• PrismaSeT G with its discreet design, blends harmoniously into all tertiary buildings, including in entrance halls and passageways.
• PrismaSeT G can be upgraded easily at any time while keeping its original performances, thanks to prefabricated and modular design.

ASSOCIATED OFFERS

Acti**9**™

MCBs   RCDs   SPDs

The final level of protection in the electrical distribution in homes and buildings, allowing our customers to feel safe everywhere at every moment.

PowerTag

PowerTag® is a compact and easy-to-install Class 1 wireless communication energy sensor that monitors and measures energy and power in real time.

Acti**9** SmartLink

Acti9 SmartLink Modbus and Acti9 Smartlink SI B are rapid to install gateways that allow to grow your energy monitoring and control of final loads.

Enerlin'X™ IFE

Interface and gateway for Ethernet and Modbus-SL communication for circuit breakers.

Com'X 210

Compact plug and play data logger. Collects and stores consumption of WAGES (Water, Air, Gas, Electricity, and Steam) and environmental parameters such as temperature, humidity, and CO2 levels in a building.

[More information on se.com]   [More information on se.com]   [More information on se.com]   [More information on se.com]   [More information on se.com]

Main LV power distribution

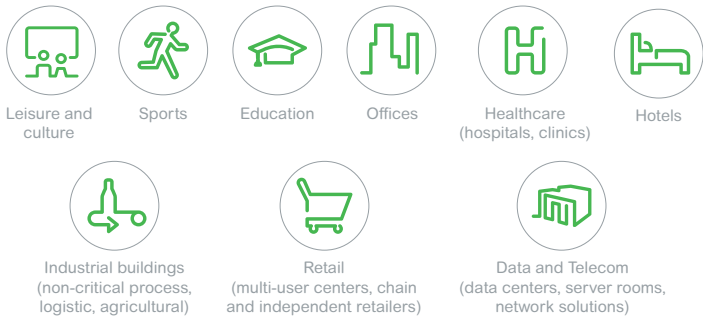## Power distribution switchboard up to 4000 A
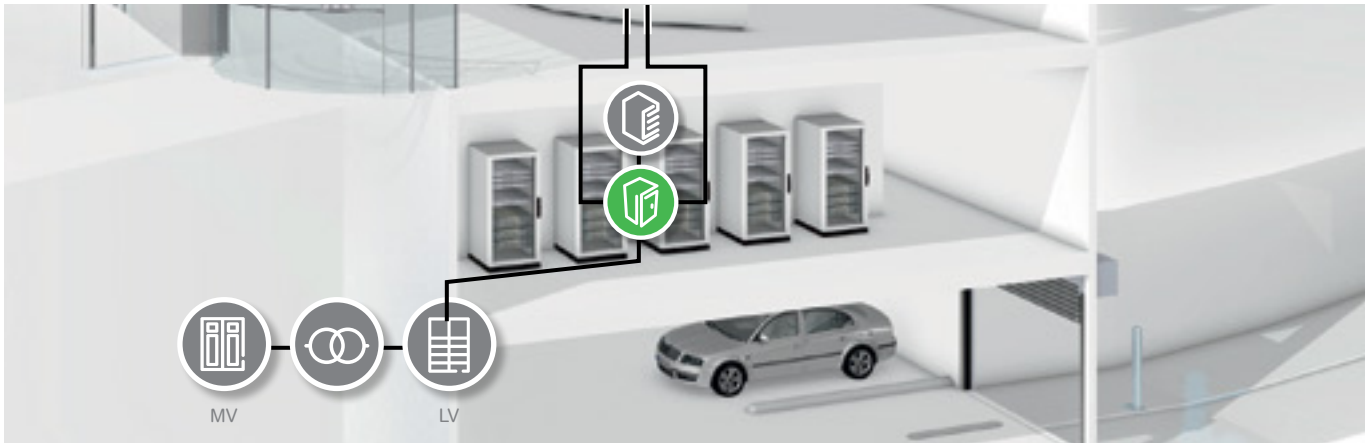
Efficiency

With a new design and built-in connectivity, PrismaSeT P is the simplest and most affordable connected switchboard. Fast commissioning makes installs more efficient, and real-time smart alarms optimize maintenance and improve uptime.

Commercial and industrial buildings
Low voltage distribution and control switchboards for commercial and industrial buildings.

Leisure and culture | Sports | Education | Offices | Healthcare (hospitals, clinics) | Hotels

Industrial buildings (non-critical process, logistic, agricultural) | Retail (multi-user centers, chain and independent retailers) | Data and Telecom (data centers, server rooms, network solutions)

PrismaSeT P Active

Power distribution for floor-standing switchboards, up to 4000 A supplied
Part of **SeT** Series

Product references

Watch

Description
PrismaSeT Active is the newest generation of low-voltage switchboards, natively cloud connected. This revolutionary approach lets panel builders and electrical contractors give a voice to power distribution across commericial buildings. Commissioning is made faster, before smart alarms help optimize maintenance and improve uptime.

Characteristics
Cubicles for electrical switchboards up to 4000 A.

High performance distribution systems with Linergy busbars and quick connectors.

Complete set of modular functional units tested and IEC 61439-1&2 compliant low voltage electrical distribution switchboards.

Specifications:
• Low voltage switchboards, Icw 100 kA rms/1s, IP30, IP31, IP55, IK10,
• Distribution system: horizontal and vertical busbars in a lateral compartment or at the rear of the cubicles
• Cubicles with plain or glass door tested up to 2.5 g according to the IEC 60068-3-3 standard, ensuring that the switchboard will keep on operating as intended, even during severe earthquake conditions (up to 7 on the Richter scale)
• Metal frames and panels: steel metal sheet with cataphoresis treatment with hot-polymerized polyester epoxy powder color RAL900.

IEC standard

PrismaSeT P, coupled with our communication devices, becomes an EcoStruxure™ connected equipment offer within our EcoStruxure Power architecture.

1. Measure
Embedded and stand-alone metering & control capabilities
• Embedded and stand-alone metering
• Control capabilities

2. Connect
• Integrated communication interfaces
• Ready to connect to energy management platforms

3. Act
• Data-driven energy efficiency actions
• Real time monitoring and control
• Access to energy and site information through on-line services

ASSOCIATED OFFERS

Connectable offers used with PrismaSeT P:

• Acti**9** MCBs
• Acti**9** RCDs
• Acti**9** SPDs
• Acti**9** Active
• HeatTag
• Acti**9** SmartLink
• Enerlin'X IFE
• Com'X 200

MasterPacT™ MTZ

Circuit breakers up to 6300 A embedding advanced digital technologies Connect your electrical switchboard to any building and energy management system.

More information on se.com

ComPacT NSX

Molded case circuit breakers up to 630 A designed to meet your needs from thermal-magnetic to advanced MicroLogic trip units with earth leakage protection.
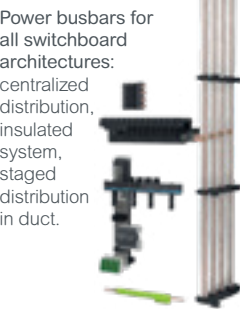
More information on se.com

PowerTag

PowerTag® is a compact and easy-to-install Class 1 wireless communication energy sensor that monitors and measures energy and power in real time.
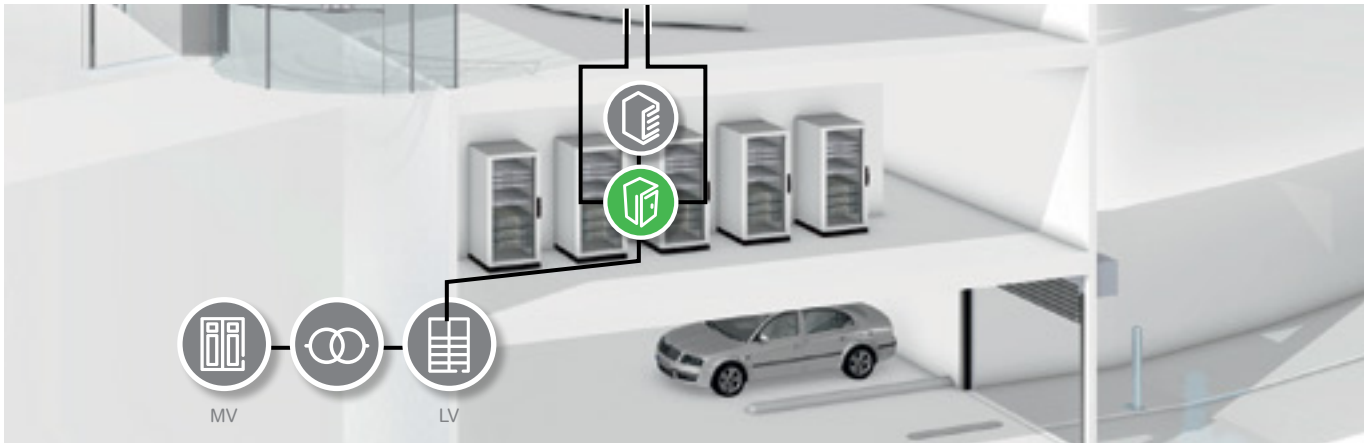
More information on se.com

Linergy

Power busbars for all switchboard architectures: centralized distribution, insulated system, staged distribution in duct.

More information on se.com

Main LV power distribution

Universal enclosures for indoor applications

Enabled plus

From our small boxes to large suitable floor-standing enclosures, with the Spacial range you can find the perfect fit for your applications. Our extensive range of easy-to-use accessories helps you save time during your projects.

Select between steel or stainless steel to better suit the installation environment. In our stainless-steel offer you can find the optimal solution where cleanliness is required, or for highly corrosive environments.

Product references

Easier handling
Hoisting

Aesthetics
Colors

Improved quality
Cut-outs before painting

Increased useful life of the equipment
Thermal

Time-saving
Factory suite assemblies

Efficiency
Accessories mounted in our factory

Safety
Dedicated packaging

Get your enclosure ready to use, with P&S personalized Offer

"Personalize" means changing the characteristics of the standard product so that it adapts even more to the specific needs, but also to ensure factory pre-assemblies. To personalize is therefore to bring more added value to our products by mounting an accessory or by making cutouts for the installation of cable glands, grid, fan, etc.also special colors and finishes are possible.

The personalization of the enclosure can start from very simple adaptation to complex with co-engineered solutions.

Spacial enclosures SBM - S3D/CRN - SF/SM

IEC standard

Wall-Mounting

S3D & CRN
The steel enclosure with the greatest range of available dimensions on the market!

Useful life
Quality of the welding and the painting.

Component security
• Water and dust tightness and impact resistance.
• EMC and ATEX offer.

Increased choice
• Large range of universal dimensions.
• Application offer with special dimensions.

Easy maintenance
• Removable hinges.
• 1 lock system from the height of 600 mm.
• 3-point lock from the height of 600 mm.

Personnel safety
• Earthing studs welded to the body and door.

Industrial Box

SBM
Simplicity, ergonomics, and versatility, it's all in the box.

Ergonomics
• Cover opening and accessory mounting with just a screwdriver.

Sturdy and good ingress protection
• Mechanical protection rating up to IK10.
• Ingress protection rating up to IP66.

Modularity
• 28 sizes available.

Floor-Standing

SF
Adapts to all your needs. Assembled delivery for a ready-to-use solution.

SM
Multi-purpose IP55 compact steel enclosure for fast and simple solutions.

Practical
• Door rails, which can be height-adjustable and used for fixing cables.
• Can be installed adaptation profile in the front and rear of the enclosure and the universal 40-mm cross rail (1 row) in the rear provides the same fixing points as the modular enclosure.

Protection
• IP guaranteed by the rigidity of the enclosure, the expanded-polyurethane sealing gasket of the enclosure and the subsequent welding.
• Double-door enclosures with inner lock on the left door.

Comfort
• Handle with sturdy design for easily activating the locking system, allowing the installation of any shape insert and any cylindrical combination key.
• Easily interchangeable insert with one click.
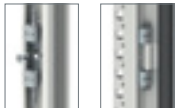
Fast
• The double system of cut-outs on the structure allows most accessories to be installed using self-tapping TORX T30 M6 screws or nuts.
• Clip-on quick-fixing cross rails, fixed with self-tapping screws.
• Door installation inserting the captive pins of the hinge in their housing in the door.

Main LV power distribution

Universal enclosures for outdoor applications

MV   LV
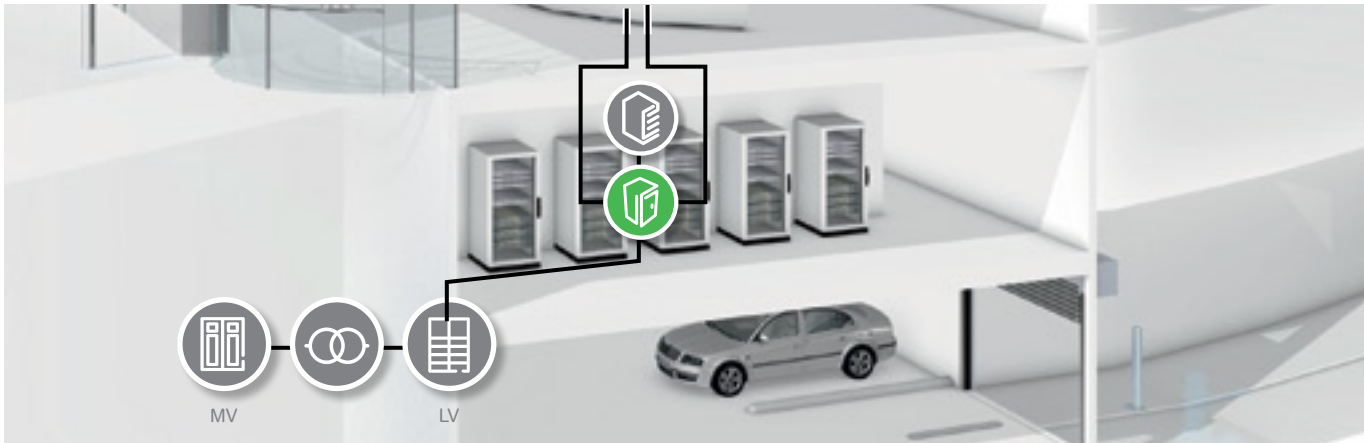
Enabled plus

Whether the equipment you want to protect is exposed to direct sunlight, rain, saline mist, extreme temperatures, or chemicals. Thalassa enclosures are the best option.

Full insulation improves people´s safety not only in the industry but also in streets, parks, and other public places accessible to people.

Polyester is equally impressive in any indoor environment where electric and electronic components are constantly exposed to dust, oils, splash, or impacts.

Compliance with international standards and certifications

Product references

It applies depending on the family

Thalassa enclosures TBS/TBP - PLS - PLM - PLA

IEC standard

Insulating industrial boxes:
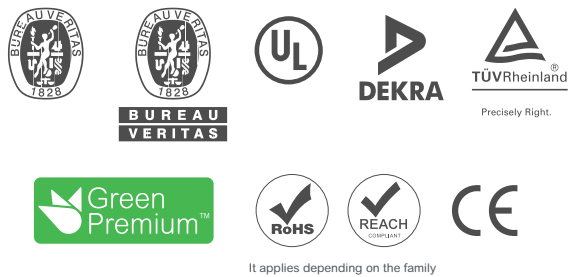

TBS/TBP

• ABS for conventional applications (IK07) with the usual constraints,
• Polycarbonate for enhanced impact resistance (IK08) and for outdoor applications or applications directly exposed to UV,
• Polycarbonate certified UL,
• IP66 rating for all ranges,
• Protection against electrical impacts Class II.

Useful life
Quality of the welding and the painting.

Component security
• Water and dust tightness and impact resistance.

Increased choice
• Large range of universal dimensions.
• Application offer with special dimensions.

Floor-standing enclosure:

PLA

The floor-standing enclosures are made from polyester reinforced with fiberglass, moulded by hot compression. High resistance to corrosion in harsh environments, it maintains its mechanical and insulation properties.

PLAT version
Ventilation
Open top part with canopy allowing for ventilation.

PLAZ version
Open bottom
Big open bottom to be mounted directly on the floor or on a plinth.

PLAZT version
Easy
Door opening to 180°.

PLS boxes:

PLS

Polyester body with 5 options of covers (in polycarbonate or polyester).

Modular
The dimensions of the sides, multiples of 9 cm, allow the creation of assemblies.

Protection
• IP66.
• Gasket between body and cover.
• IK09.
• Insulation Class II.

Easy
Bosses with inserts, at the rear of the body, for fixing plates or various supports.

Monobloc wall-mounting enclosure:

PLM

• Made of polyester reinforced with fiberglass, molded by hot compression.
• Degree of protection IP66,
• Impact resistant IK 10 for plain doors and IK 08 for glazed doors. Able to machine with no corrosion
• UL certification and NEMA classification 4x and 13 for the polyester wall-mounting enclosures,
• Total insulation to produce class II units,
• Complies with RoHS and REACH Directives

Service life
High resistance to corrosion in harsh environments, maintaining its mechanical properties and insulation.
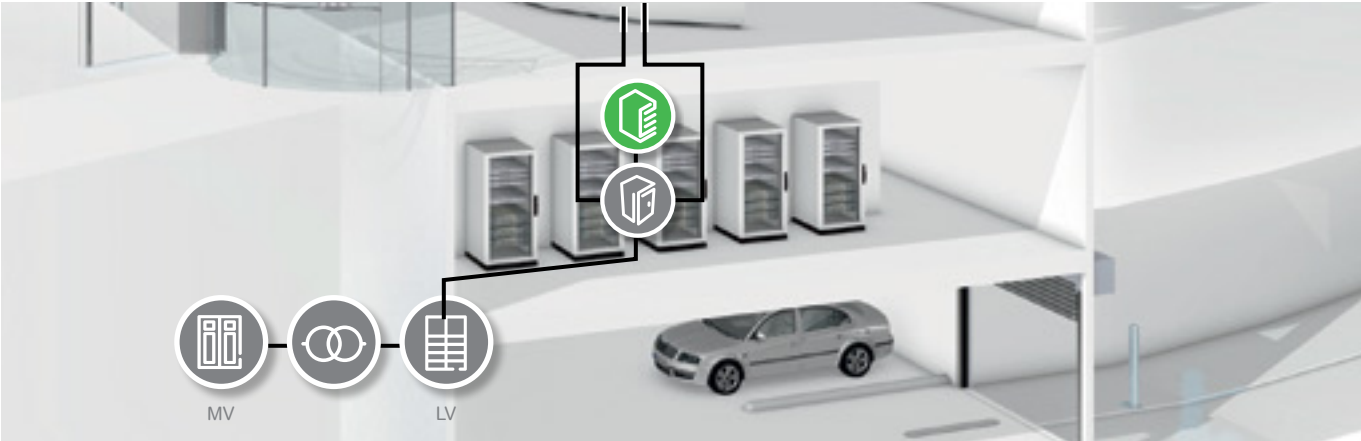
Easy
Door easily reversible by turning it over.
• Opening to 120° or 180°.
• Easy machining with no corrosion.
• Lightness.
• Polyamide hinge pin, easily removable and captive.
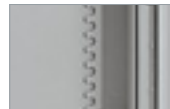
Smart
• Notches for easy fixing of DIN rails.
• Grid pattern on the rear of the door for marking the machining operations.

Uninterruptible power system

Easy UPS series

MV   LV

⌄

Enabled plus

Easy loop test

Verifies UPS performance before you connect your load, without the need for a load bank

Easy to install fast

Quickly roll the compact and lightweight UPS into position

Intuitive user interface

The intuitive graphical user interface allows for easy system configuration

ECO mode

Operating mode that by-passes unused electrical components in good power conditions to achieve high operating efficiency without sacrificing protection

Front-access servicing

Simplifies installation and UPS maintenance while minimizing space requirements.

Straightforward installation

Including the input, output, and bypass breakers, as well as the Emergency Power Off (EPO) switch, simplifies installation planning and speeds up deployment.

CONVENIENCE

PROTECTION

Optional SNMP card

When you purchase the SNMP card, you can monitor and manage UPS status remotely through the UPS Web interface or through EcoStruxure IT's cloud-based and on-premise software suites.

More information

Replaceable dust filters

Protect the UPS in harsh environments.

Parallel capability

Multiple units can be placed in parallel to meet power capacity and redundancy requirements.

Wide input voltage window

Saves your battery power for when you really need it - during power cuts!

Easy UPS 3S/3M/3L

Product references

10 to 600 kVA 3 phase UPS for small and medium data centers and other business critical applications
Part of Easy Series

Description

3 phase Uninterruptible Power System. Designed for fast and easy installation, this EcoStruxure-ready UPS features a wide operating temperature window and strong overload protection, all in a compact and lightweight footprint.

Characteristics

Normal AC supply input
• 10 to 40 kVA (Internal or External batteries)
• 3:1 (10 to 30 kVA) 3:3 (10 to 600 kVA)
• Input voltage (V): 380 / 400 / 415 V
  (Three-phase + Neutral)
• Frequency (Hz): 45 – 65 Hz
• Input power factor: >0.99
• THDI:
  - linear load,
  - 5% non-linear load

Output
• Nominal output voltage (V):
  - 3:1 – 220 / 230 / 240 V
  - 3:3 – 380 / 400 / 415 V
• Efficiency: Double conversion mode up to 96%
• Efficiency: ECO mode up to 99%
• Overload capacity in normal operation 130% for 10 minutes and 130-150% for one minute
• Output voltage tolerance ±1%

Connectivity

Communication interface RS232, RS485, USB, dry contact, Modbus TCP/IP, optional network card
Control panel Multi-function LCD, status and display console.

Easy to install and start up
• Rolls into position quickly and easily
• Minimal footprint requirement with lightweight, compact form factor
• Straightforward installation
• Input, output, and bypass breakers are included
• Emergency Power Off (EPO) switch is included
• Easy Loop test verifies UPS performance before you connect your load, without the need for a load bank
• Aesthetic design blends well into your installation environment

ASSOCIATED OFFERS

Easy UPS BVS (1 Phase)

Easy UPS 1 Ph BVS Series provides basic power protection for unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

More information on se.com

Easy UPS 1 Phase On Line SRVS

Easy UPS 1 Ph On-Line SRVS is a high quality, double conversion on-line, cost competitive UPS developed to handle a wide voltage range and inconsistent power conditions.
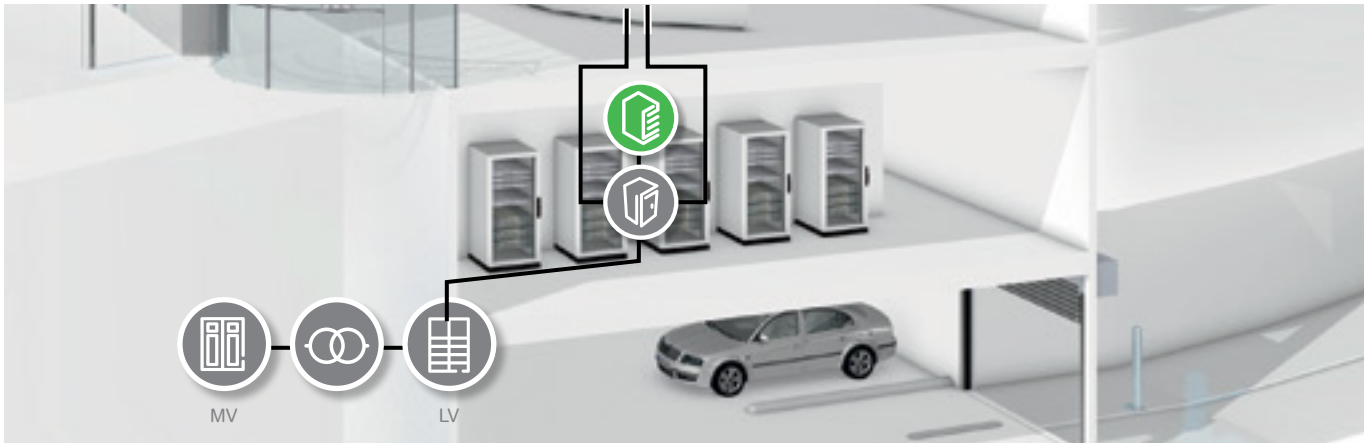
More information on se.com

Easy UPS 1 Phase line interactive SMVS

Easy UPS Line-Interactive SMVS is a versatile uninterruptable power supply developed to handle a wide voltage range in regions with inconsistent power conditions.

More information on se.com

Uninterruptible power system

Galaxy™ V series

MV   LV

Well suited for a wide range of applications

- Edge, small, and medium data centers, and computer rooms
- Manufacturing facilities
- Telecommunication
- Commercial buildings
- Healthcare
- Transportation

New patented hybrid technology
Provides up to 97% efficiency in double conversion mode.
Electricity savings in full protection mode at every load level.

Compact design, optimized footprint
High-density technology and full front access make Galaxy VS a footprint saver well suited for confined spaces.

Battery flexibility, including Lithium-ion batteries*
Increase availability and reduce TCO with long-life, intelligent energy storage.

Green Premium™

99% efficient in patented ECOnversion™ mode
Recover your initial investment within two-three years through energy savings.**

Maximum availability thanks to modular architecture
Critical system components built as modules for faster serviceability and fault tolerance. N+1 redundancy and scalability options available.

EcoStruxure IT
Anytime, anywhere monitoring and service support via smartphone app*.

* Contact your local representative for availability.

** Model dependent.

Galaxy™ VS/VM/VX

Product references

10 to 1500 kVA 3 phase UPS for small and medium data centers and other business critical applications
Part of Galaxy V Series

Description

3 phase Uninterruptible Power System. Designed for fast and easy installation, this EcoStruxure-ready UPS features a wide operating temperature window and strong overload protection, all in a compact and lightweight footprint.

Characteristics

Normal AC supply input
- 10 to 1500 kVA
- 3:3
- Input voltage (V): 380 / 400 / 415 V (Three-phase + Neutral)
- Frequency (Hz): 40 – 70 Hz
- Input power factor: >0.99
- THDI: < 3% at full linear load
  Output
- Nominal output voltage (V): 3:3 – 380/400/415 V
- Efficiency: Double conversion mode up to 96%
- Efficiency: ECOnversion mode up to 99%
- Overload capacity in normal operation 125% for 10 minutes and 150% for one minute *
- Output voltage tolerance ±1%
- Lithium capable

Connectivity

Communication interface RS485, USB, Dry contact, Modbus TCP/IP (SNMP optional)
Five inch touchscreen LCD, status, and display console.

*under 30°C degrees

Leading performance
Robust and flexible design ideal for demanding environments at maximum performance

Reduce your energy bill
By using ECOnversion mode, significant savings are achieved every year on your electricity bill.

Quick to install and fits everywhere thanks to its compact design

Simple to maintain and fast to service thanks to its modular architecture

ASSOCIATED OFFERS

Smart-UPS™ On-Line   Industry-leading power factor maximizing UPS density. Rackmount and tower SRT 2.2 kVA – 10 kVA

Standard features

Best-in-class power density
More real power in watts, 0.9 pf on 2.2 kVA – 5 kVA, Unity on 6 kVA – 10 kVA units.

High-efficiency "green mode"
Achieves 98 percent efficiency, which saves utility and cooling costs without compromising performance or reliability.

Intelligent battery management
Temperature-compensated charging extends life and advanced algorithms recommend replacement date. The UPS can inform user which batteries need to be replaced and auto detect when additional battery packs are added.

Built-in energy meter
Measures energy use and displays UPS efficiency in various modes of operation for easy energy tracking.

More information on se.com

Work faster and smarter with our software and tools

Our complete suite of software and tools for contractors gives you advantages with:

More productivity, reduce your effort and save time to bid on more projects.
Keep flexibility to adapt customer-specific requirements and last minute changes.

Always get relevant information to respond quickly to your customer's demands, differentiate through your business efficiency.

Gain more autonomy and efficiency through smart reliable tools and product data that accelerate, simplify, and secure your projects.

Maintain a close relationship with your customers with the support of a convenient commercial and technical supplier.

Grow your business expertise to respond as quickly as possible with an accurate and differentiated offer in a constant evolving market.

Discover all our software and tools dedicated our website
www.se.com
More information on next page

Search and select

Simplify search and product selection with a business oriented online eCatalog and advanced functionalities:

• Selectors simplifying search, comparison, and selection of products.

• Online creation of automated documentation and sharing.

• Dedicated Communities and Portal with business and technical support and privileged information.

Design and quote

EcoStruxure Design & Build suite of software to optimize your solution, keeping flexibility and projects on track.

• BIM & CAD library to help your design during project creation.

• Collaboration Tools and Cloud to share documentation with all project stakeholders.

• Configure and get fast accurate quotations to quickly answer your customers.

• Generate Bills of Material and get all the technical documents you need.

• Take into account last-minute changes and order with up-to-date prices and availability.

• Track your order up to delivery and keep your customers informed.

Install, test, and commission

EcoStruxure™ Power Commissioning to install, test, and commission equipment on time, respecting specifications and budget.

• Intelligent software that helps you set up, test, and commission electrical products and connected devices.

• Video instructions help you to better understand and save time during product installation and commissioning.

Operate and maintain

EcoStruxure™ Energy Hub provides your customers and end-users with cloud-based software and digital log book to simplify collaboration and sharing anytime, anywhere.
EcoStruxure™ Power Device app single to set-up easily, monitor, and operate your MV and LV connected devices from your mobile.

Software and tools for contractors

Search and select

Product Selector tool

More information on
www.se.com

Identify and find the right product you need in few clicks by simply selecting the technical features.

EcoStruxure Motor Control Configurator

More information on
www.se.com

Build your complete motor control solution for protection and control of your motors in 3 easy steps.

mySchneider app

More information on
www.se.com

Connect to Schneider Electric's digital hub. Access our catalog online and offline, personalize your service, and talk to our experts directly with the mySchneider app.

Design and quote

EcoStruxure™ Power Design - Ecodial

More information on
www.se.com

User-friendly software that helps you optimize your equipment and costs, while managing operating constraints during the electrical installation design phase of your project.

EcoStruxure™ Power Build Rapsody

More information on
www.se.com

Makes Prisma switchboard configuration simple, so now you can work more efficiently and offer your customers a superior return on investment.

EcoStruxure™ Power Build – Contractors

More information on
www.se.com

An all-in-one online tool for medium voltage Contractors and Distributors, allows you to easily and quickly configure and quote MV equipment for faster ordering and simplifying execution.

BIM Library

More information on
www.se.com

Access our building information modeling library to support your building project needs and simply exchanges with your project partners.

CanBRASS

More information on
www.se.com

Design and costing tool for Canalis™ busbar trunking runs. The software proposes three types of quotations.

Install, test, and commission

EcoStruxure™ Power Commission

More information on
www.se.com

Intelligent software that helps you set up, test, and commission the electrical products and systems in your switchboards with efficiency and ease.
It also allows you to generate a dedicated QR code for the electrical panel to enable digital collaboration with contractors and facility managers by sharing important documentation and initiating maintenance plans through the digital logbook functionality in EcoStruxure™.

Operate and maintain

EcoStruxure™ Energy Hub

More information on
www.se.com

EcoStruxure Energy Hub is a complete, simple, and intuitive building energy management software. It helps you to comply with building energy codes, reduce energy waste, drive energy cost savings, and help achieve building sustainability goals all while maximizing power reliability and availability.

EcoStruxure™ Power Device App

More information on
www.se.com

With a single app, get all necessary information and take control of your MV and LV devices from the safest distance to ensure operations and efficient maintenance.

EcoXpert power services partner

Get recognized expertise in MV and LV connected installation and be ready to support your customers with new services.

As part of our EcoXpert™ program, you are recognized by your customers as the specialist in your domain and you are regularly upskilled to service the latest MV and LV systems and connected devices. As our selected partner, you must act as an extension of the Schneider Electric sales force to promote, resell, and execute Schneider Electric Life Cycle Services to end-users and make easy and quick quotation for your customers.

You are trained to provide your customers with recommendations and best in class services to ensure long lasting life duration of the complete installation.

You are identified by your customer as a trusted advisor on how to enhance power availability and prevent unexpected failures of electrical installation.

Unlock new opportunities at your own pace with tailored partnerships and training designed for your service business success.

Asset management digital services.

One program.
One network.
Endless opportunities.

A global program with local support no matter where you are:

3,000
certified partners

40
countries

Connected spaces

Installation Systems

Energy efficiency

Fast, flexible and very time-saving system. Built to save all kinds of energy for building-developers, owners, installers and end-users. Optiline 45 is compatible with Unica Wiser functions to reach yet another dimension of convenience and Energy efficiency!

Easier handling
Hoisting

Aesthetics
Colors

Efficiency
Energy efficiency

Safety
Dedicated packaging

Learn more about this connected solution

The OptiLine 45 and Unica Click-in System
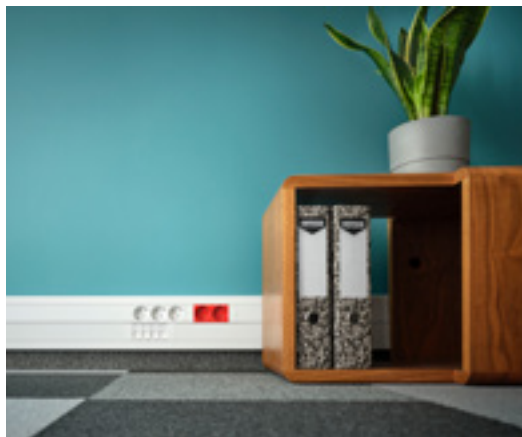
With no adapter needed, the sockets fit flat to the trunking, creating a seamless, highly aesthetic look.

Characteristics
- Efficient mounting. Pre-punched oval holes every 25 cm and dedicated tools and fixings.
- Perfect joints. Jointing pieces for exact levelling. Joint cover piece to hide the gap.

Functions
- Perfect bends. Large tolerances. Self-guiding mounting of the bend piece.
- Pull-out safe outlets. Extra secure click-in function and front locking clip.

Connectivity
- Pre-punched slots. Allows cross-sectional feeding of cables.

DIRECT CLICK-IN INSTALLATION SYSTEM WITH 45 MM FRONT

Whether your customer is working in a small studio or a massive office building, with our workspace-dedicated portfolio you can design spaces which are fully functional, from floor to ceiling.

Wall-Mounting

Trunking, with high capacity. Made of natural anodized aluminum or PVC.

Easy accessories installation even without instructions; mounted directly when trunking is in place. Functions from Unica wide range of wiring devices.

Floor - Standing

Poles, within a radius of 1.5 meters from the ceiling connection point.

Connected spaces

Installation Systems

Energy efficiency

Bring reliable, flexible power and multimedia access to every corner of the office with:
• A complete range of functions
• Innovative solutions for cable management and electrical connectivity
• A trunking system with direct clipping-in of functional modules

[Learn more about this connected solution?](#)

Easier handling
Hoisting

Aesthetics
Colors

Efficiency
Energy efficiency

Safety
Dedicated packaging

Unica System +

Desk units XS

Floor boxes (M, L, XL)

Desk units L

Installation systems

Modular, quick to install, and easy to rearrange, Unica System+ devices provide the flexibility and innovative design to elevate office spaces from work-ready to future-ready. Unica System+ offers any functional solutions i.e. power outlet, USB, data, multimedia socket, wireless charger.

Characteristics
• Floor sockets and floor boxes unite ease of installation, flexible functionality, and user convenience to give your customers more than they expect.
• Unica System+ desk units add convenience and connectivity, allowing people to work the way they choose.

Functions
• With Unica System+ modular units, you can create exceptionally customized office interiors.
• Unica System+ poles and posts are an ingenious solution for modern office interiors. Highly aesthetic, movable, and customizable with different functions and accessories.

Connectivity
• When space is at a premium and you have several functions to fit, Unica System+ workstations come to the rescue.

A COMPLETE SYSTEM FOR GREATER CONVENIENCE

No matter where your customer is situated – whether a one-room apartment or the top floor of a high-rise building – with Unica System+ you can enhance the work experience, from floor to ceiling.

• Floor sockets and boxes
• Stand-alone desk units
• Modular desk units

• Poles and posts
• Cable management

Connected spaces

Installation Systems

⌄

Ready for challenge

The OptiLine Mini-trunking system is robust, versatile and the perfect choice for elegant and safe installations, even in more exposed environments
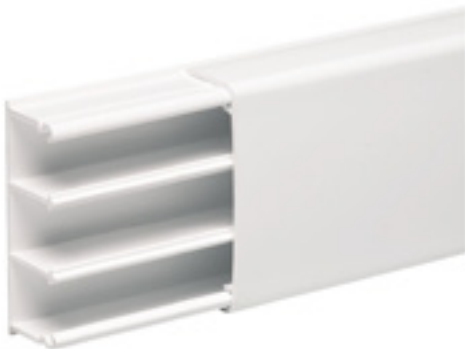
NEW:
Black version

[Learn more about this connected solution](#)

Easier handling
Hoisting

Aesthetics
Colors

Efficiency
Energy efficiency

Protection
Dedicated packaging

Emergency Lighting

⌄

Exiway DiCube

Improve control of emergency lighting from anywhere in the world. The Exiway DiCube system provides enhanced safety, automatic notifications in case of anomalies, and pinpoints potential issues before devices fail.

Laser pointer supported commissioning

Remote access

APP monitoring

Auto-testing and monitoring

Data available for analysis

Fault prevention

OptiLine Mini

The most comprehensive mini trunking system with a wide range of trunking dimensions and accessories.

Characteristics
• High surface finish and hidden joints. High-grade, UV-resistant materials. Accessories and joint cover pieces conceal uneven cuts.
• Pre-punched screw holes or adhesive and built-in build tolerance for adjustable corners. Three trunking sizes equipped with an integrated cable retaining function.

Functions
• IP40 and classified for single insulated wire.

The superb finish makes OptiLine Mini-trunking resistant to humidity while providing a hygienic surface that is easy to keep clean

Environment-friendly
• OptiLine Mini-trunking is available in three materials; aluminum, lead and cadmium-free PVC or halogen free plastic (PC/ABS). Accessories, like corners and end pieces, are made of halogen-free plastic (PC/ABS).

Highly impact-resistant
• All mini-trunking is highly impact-resistant, thanks to its design and generous material thickness. The aluminum version of OptiLine offers extra strong impact-resistance. In many cases, this is an ideal substitute for unattractive sheet steel protection.

Both outdoors and indoors
• Thanks to its sealed, stable design, OptiLine Minitrunking achieves the degree of protection IP40, making it suitable for installations both outdoors and indoors. The plastic as well as the aluminum trunking offer many years of resistance to UV radiation, heat and cold. The plastic trunking is also approved for single-insulated wire outdoors.

A solution to every situation
• All in all, the OptiLine Mini-trunking range includes all accessories and modules needed to create a customized solution, even when using various dimensions.

Connected products and additional offers

Connected products

MasterPacT MTZ

➕

Optimized safety
- Faultless protection
- Complete selectivity and coordination (Type 1 & 2)
- High resistance to environmental stresses
- Integrated monitoring for energy efficiency

Circuit breakers up to 6300 A embedding advanced digital technologies
Part of PacT Series
The new worldwide benchmark for high current circuit breakers

Building on the legendary performance and reliability of the MasterPact™ range, MasterPact MTZ circuit breakers are Future Ready. Incorporating the latest digital and communication technologies, they are key components within Schneider Electric's Smart Panels, contributing to smart operation, power uptime, and energy efficiency.

MasterPact MTZ circuit breakers connect your electrical switchboard to any building and energy management system.

A simple smart phone can act as the main HMI to monitor and control MasterPact MTZ, giving you maximum convenience and ease of management, even in the event of a power outage. The MicroLogic X control units are customizable with additional digital modules available.

The standardization of electrical switchboards remains the same with MasterPact MTZ circuit breakers keeping the same size frames, standardized auxiliaries, and accessories, providing peace of mind for choice, installation, retrofit, and operation. Flexible and easy to install and operate.

Characteristics
- Rated current: 800 to 6300 A
- Breaking capacity: 42 to 150 kA at 220 / 415 V AC
- Voltage rating: up to 1000 V AC
- 3 physical sizes:
  - MasterPact MTZ1 from 630 to 1600 A;
  - MasterPact MTZ2 from 800 to 4000 A;
  - MasterPact MTZ3 from 4000 to 6300 A
- Draw out and fixed mount
- 3 pole and 4 pole construction
- Optimized selection of 4 advanced MicroLogic X control units integrating current, voltage, power and energy metering, enabling earth leakage protection, and customizable with digital modules for advanced protection, measurement, energy management and network analysis functions
- Built-in Class 1 accuracy active power and energy measurement
- Switch disconnectors version available
- Optimized range of field-installable auxiliaries and accessories
- Different offers complying with international standards: IEC 60947, UL489, ANSI / UL1066
- CCC, EAC and other local certifications
- Compliance with specifications of marine classification companies: Bureau Veritas, Lloyd's Register of Shipping, Det Norske Veritas, etc.

ComPacT NSX

➕

Easy and efficient
- Save space, time, and effort with integrated earth leakage protection (ELCB)
- Easy to swap trip units and standardized accessories over time

Optimize safety
- Roto-active breaking technology helps to reduce early aging effects and increase operation lifespan

Measure and Communicate
- Local and remote communication with trip alarm (earth leakage, overload, short circuit) and pre- alarms (earth

Molded case circuit breakers up to 630 A
Part of PacT Series
The new worldwide benchmark for high current circuit breakers

ComPacT NSX is a full range of high performance molded case circuit breakers (MCCB) in two frame sizes designed to meet your needs from thermal-magnetic to advanced MicroLogic trip units. This range features integrated earth leakage protection.

Characteristics
- Flexible installation: any position; switchboard, or wall-mounted
- Nominal current: 16 to 630 A
- 9 breaking capacities for the 2 sizes of circuit breakers:
  - up to 250 A: 25, 36, 50, 70, 100, 150, 200 kA at 415 V
  - up to 630 A: 36, 50, 70, 100, 150, 200 kA at 415 V
  - both size of circuit breakers with 75 and 100 kA at 690 V
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi
- Interchangeable trip-units to upgrade your panel with smarter functions
- Plug and ready wiring system and communicating accessories
- Wealth of options for auxiliaries and accessories (field installable)
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB).

DIGITAL MODULE

Micrologic™ X control units

Protection: Energy Reduction Maintenance Settings, Ground-fault alarm, Under/Over voltage protection, Under/Over frequency protection, Reverse active power protection, IDTML overcurrent protection, Directional overcurrent protection.

Measurement: Energy per phase, Individual harmonics analysis.

Maintenance & Diagnostics: Power restoration assistant, MasterPact operation assistant, Wave form capture on trip event, Modbus legacy dataset, IEC 61850 for MasterPact MTZ.

DIGITAL MODULE

PowerTag

PowerTag® is a compact and easy-to-install Class 1 wireless communication energy sensor that monitors and measures energy and power in real time.

Connected products

PowerLogic PM5000 series

High-end cost management capabilities in an affordable power meter
Part of PowerLogic™

Compact, versatile power meters for energy cost and basic network and asset management applications

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- Ease of installation
- Cost-effective, as the range can meet the majority of requirements
- Simplified ordering with features in optimal combinations – no overlap
- Now available with LVDC and Analog inputs
- Simple integration into larger systems and solutions (dual Ethernet, Modbus TCP, BACnet/IP, and DNP3.0 over Ethernet
- Easy setup with intuitive HMI
- Easy to use, with precision metering and billing
- Billing flexibility with MID compliance, support for up to eight tariffs
- Cybersecurity features to help ensure confidentiality and data support
- Consistent, superior performance with IEC 61557 compliance

PowerLogic PM5000 series power meters offer high-end cost management capabilities in a straightforward metering platform. With power quality capabilities, residual current monitoring, and MID conformance (PM5500, 5600, and 5700 range), this combination of features merges with industry-leading measurement accuracy to match the requirements of energy cost and asset management applications in buildings and industry.

The meter range is ideal for multi-tenant commercial markets, multi-unit residential buildings, industrial facilities, and – with DNP3.0 protocol support – utilities and heavy industry.

Function
- Metering and sub-metering
- Class 0.5S IEC 62053-22
- Class 0.2S (PM55xx)
- IEC 62053-22
- Class 1/2 IEC 62053-24
- IEC 61557-12

Application
- Panel instrumentation: I, U, F, P, Q, S, PF, E (Power demand and current demand)
- Sub-billing and cost allocation
- Power availability and Harmonics / Compliance monitoring

Characteristics
- Measurement accuracy (active energy): Class 0.2S (PM55xx) Class 0.5S
- Installation: Flush and DIN 96 mm x 96 mm
- Voltage measurement:
  - 20-400 V L-N 20-690 V L-L (PM55xx)
  - 20-277 V L-N 35-690 V L-L (PM51/53xx)
- Current measurement: external CT
- Communication ports: 2
- Inputs / Outputs:
  - 1DO for PM51xx
  - 4/6 I/O PM53xx based on model
  - 6 I/O for PM55xx
- Memory capacity:
  - 256 kb
  - 1.1 MB (PM55xx)

Acti9 Active

Acti9 Active features all-in-one protection devices with inbuilt connectivity for advanced protection to people, asset (enhanced fire-safety), appliance and circuits.
Part of 9 Series

+

- Increase service continuity and resilience with our Acti9 Active devices connected solution
- Increased service continuity: fewer breakdowns with pre-alarms and alarms
- Enhanced Efficiency: easy remote monitoring, diagnostics, and analytics mean fewer disruptions and more efficiency gains
- Advanced Protection: All-in-one solutions covering a wide range of faults, with in-built MCB, RCD and AFDD
- Simple Installation and Upgrade: integrated devices and wireless connectivity to the gateway, make the system easy to install and upgrade
- Compact, requiring no extra space: an integrated device in 36mm makes it suitable for even small spaces

Acti9 Active range is our smart devices (with inbuilt connectivity) enabling the Active Safety System, and can bring advanced fire safety to protect assets. Compliant with Acti9 iC40 and iC60 systems. It comes option of integrated Miniature Circuit Breakers for circuit protection. It can work with EcoStruxure Power Monitoring Expert Software, EcoStruxure Panel Server, and PrismaSet Active to enable remote monitoring with alarms, pre-alarms, analytics, and diagnostics.

Characteristics
Actively manage electrical safety and service continuity:
- Wide range of electrical fault protection: asset protection/fire safety (arc-fault related), earth leakage, appliance and circuit protection from overvoltage, overload, and short-circuit.
- Being alerted in case of faults with pre-alarms on faults like overload and overvoltage.
- Get alarms and clear diagnostics on the nature of faults along with historical data and protection logs.
- Measure U, I, P, and energy for loads to understand their consumption pattern and health status.
- Compact and easy-to-install solution with integrated All-in-One protection and inbuilt wireless connectivity in 36mm device, it saves space and time for installation.
- Current ratings up to 40 A.
- 230V AC 50 Hz network.
- 30 mA sensitivity and A-SI type for earth leakage protection.

Connected products

Acti**9** iC40 System

[Product references]

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- Acti**9** iC40 system makes installation and maintenance easy.
- Clean layouts, neat cabling, fast and simple identification of faulty devices, both on-site and remote.
- Saving space inside the panel and on-site.
- Efficient maintenance and intervention.
- Wired and wireless status sensors for system monitoring, analysis, and control.

Acti**9** iC40 is a phase-neutral electrical protection system that is optimized for small and mid-size commercial building applications (up to 40A). It is a complete high-performance modular system for the final distribution applications and a member of the Acti**9** Family.

Characteristics

Completely modular system up to 40A, allows you to easily build and install panels with the new vertical distribution blocks, bottom-feed RCCBs, double output head of group devices, and optimized comb busbars. The complete system includes all protection functions as MCB, RCCB, and RCBO for final distribution applications.

Acti**9** iC60

[Product references]

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- Reliable: VisiSafe according to IEC/EN 60947-2 and IEC/EN 60898 standards and Class 2 gives optimal protection for the life of your installation
- Efficient: VisiTrip, super immunization, no derating up to 50°C ambient temperature, automatic reclosers for increased continuity of service and enhanced reliability
- Simpler and smarter: Dual certification, full MCB and RCD coordination, Top or Bottom electrical feeding with multiple connection systems, easy ordering and design
- Monitor and Control: Manage loads, reduce operating or project costs, and accurately plan maintenance.

Acti**9** iC60 system is your safe, efficient, and simple choice for a comprehensive low-voltage electrical distribution modular system from 1 to 63A. This system is the complete electrical final distribution system suited to all needs for mid-size or large Commercial and Industrial Buildings applications, offering a full range of standard and advanced Protections, Monitoring, Control, Communication, as well as installation accessories.

Characteristics

- Miniature circuit breaker (MCB): circuit protection against short-circuits and overload currents
- Residual current Devices (RCCB, RCBO, Vigi Add-on): people protection against electric shock by direct contact or indirect contact
- Switches (SW) and Motor Protection (P25M, LMA)
- Indication and tripping auxiliaries (OF, SD, OF+SD, MN, MX, MX+OF)
- Remote control and Automatic recloser integrated, or Add-on (REFLEX, RED, ARA, RCA)
- Type 1 and 2 LV surge arresters (iPRD1, iPF, PRD...)
- Arc Fault Protection Devices (AFDD) coupled with Residual Current Protection (Acti**9** Active): Protection against fires caused by arc faults
- Contactors, Impulse relays, Light indicators, Pushbuttons and selector switches, KWh meters
- Installation systems: Horizontal and Vertical Comb Busbars, Splitter block, Multiclip evolutive power distribution, Isobar Fishbone type, full range of mounting and wiring accessories
- Communicating architecture: Acti**9** Smartlink

Connected products

Acti**9** C120

Product references ▶

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Acti**9** C120 has been designed to offer enhanced protection by preventing and protecting people and equipment from electrical threats such as short circuits, earth leakages, overloads, and more.

Acti**9** C120 miniature circuit breakers are especially suited for the protection of electrical circuits in all commercial and industrial buildings. They ensure:

- Protection of circuits against short-circuit currents + against overload currents
- Protection of people and equipment against earth leakages
- Isolation of building applications thanks to IEC/EN 60898-1 standard
- Isolation in the industrial sector according to IEC/EN 60947-2 standard
- Tripping and signaling on fault by adding auxiliaries.

- Enhanced protection: prevention and protection of people and equipment from electrical threats,
- Reliability thanks to the fast closure independent of toggle operating speed,
- Service continuity: good overvoltage withstand capacity, high industrial performance level (degree of pollution, rated impulse withstand voltage, and insulation voltage),
- Integration within a controller / PLC architecture: remote indication of the open/close tripped state by auxiliary contacts from 2mA (optional).

Characteristics

Miniature Circuit breakers
- Nominal current: 63 to 125 A
- Breaking capacity: up to 15 kA (400 V AC)
- Tripping curves (B, C, D)
- Compliant with IEC/EN 60898-1 or IEC/EN 60947-2
- Operating voltage: up to 440 V AC
- Insulation voltage: 500 V AC
- IP20 terminal insulation
Residual current devices
- Add-on residual current device modules: Acti**9** Vigi C120
- Pole types: 2P / 3P / 4P
- Protection types: AC, A, A-SI
- Sensitivity: 30, 300, 500, 1000 mA

Acti**9** iPRD1, PRD1

Product references ▶

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Acti**9** iPRF1, PRD1 Type 1 Surge arresters protect the electrical installations against induced or conducted surges caused by direct lightning strikes.
- The IEC/EN 62305- 2 specifies the use of Type 1 or Type 1+2 Surge Protection Devices in commercial and industrial buildings protected by a lightning conductor or a lightning rod
- Surge Protection Devices are recommended when there is a higher risk of direct lightning strikes

Surge arresters Type 1 or Type 1+2

Protection of electrical and electronic equipment, telephone and computer lines against transient overvoltages of atmospheric origin and maneuvering.

Characteristics

Impulse discharge current Iimp:
- 12.5 kA for Acti**9** iPRD1 12.5r is suitable for buildings with protection levels III and IV
- 25 kA for Acti**9** iPRD1/PRD1 25r and 35 kA for Acti**9** PRD1 Master are suitable for buildings with protection levels I and II.
- When protection is not embedded, surge arresters must be associated with a suitable disconnection device, fuse, or circuit breaker.
- These surge arresters are available either as monobloc or with pluggable cartridges.
- The compact version of iPRD1 C25r Surge arresters reduces in half the space used by the device into the panel board.
- Backup fuse integrated version of iPRD1 F25r Surge arresters avoids using specific external disconnectors.
- These ranges cover all the different earthing systems: multiple-pole or single-pole devices to be assembled.
- They come with output contacts for remote transfer of end-of-life information (for Acti**9** SmartLink or other input/output devices).
- Acti**9** iPRD1 12.5r and Acti**9** iPRD1/PRD1 25r are also Type 2 rated (8/20 μs) to protect the electrical equipment by finely clipping the voltage surge
- They are suitable for 230/400 V 50/60 Hz networks, with earthing system TT, TN-S, TN-C
- Acti**9** PRD1 Master is also suitable for 440 V IT earthing system

Connected products

Acti**9** iPRD

Surge Protection Devices Type 2 or 3, from 8kA to 65kA

Improve protection and continuity of service of your electrical equipment

The Acti**9** iPRD Surge Protection Devices (SPD) range is crafted to safeguard your electrical systems and structures from surges caused by indirect lightning strikes. This enhances safety, efficiency, and business operations, particularly in challenging settings. The Acti**9** iPRD SPD embodies a sustainable design, facilitating simple maintenance, featuring output dry contacts for remote monitoring. It offers tailored versions for TT, TN-S, TN-C, and IT earthing systems, prolonging the efficiency and lifespan of your equipment.

Product references

• Protect the electrical installations in all industrial and tertiary buildings against induced or conducted surges caused by indirect lightning strikes.

Characteristics

• Withdrawable cartridges of Acti**9** iPRD Surge arresters allow quick replacement of damaged devices
• Certified for short-circuit current withstand, Isc up to 50 kA (IEC 61643-11: 2011)
• The maximum discharge current covers from 8 to 65 kA
• The maximum continuous operating voltage Uc is 350 V AC or 460 V AC
• They are suitable for any earthing system: TT, TN-S, TN-C, and IT
• Compact version of iPRD C40r Surge arresters reduce in half the space used by the device into the panel board.
• Back-up fuse integrated version of iPRD F40r Surge arresters avoid the use of specific external disconnectors.
• It is possible to use multipolar or unipolar products for serial assembly
• The Acti**9** iPRD surge arrester "r" version has dry contacts for transferring remotely the end-of-life information.

Acti**9** iPF K

Surge Protection Devices Type 2, from 20kA to 65kA

Product references

• Protects electrical installations against transient overvoltage and surges caused by indirect lightning strokes in all industrial and tertiary buildings.
• They can also be used in residential sector with appropriate rated discharge current (20 kA).

Characteristics

• Maximum discharge current: from 20 to 65 kA
• Surge arrester/disconnector combinations is certified for short-circuit current withstand Isc up to 6 kA (IEC 61643-11:2011)
• Maximum continuous operating voltage Uc = 340 V AC
• Monobloc form factor
• Multiple-pole or single-pole products for assembly
• Contacts for the remote transfer of end-of-life information.

Connected products

PowerTag

Wireless energy sensor

➕

No need for cabling: installation time is up to 90% quicker.

Wireless communication simplifies switchboard wiring and commissioning, and allows flexibility in installation.

Improved operational efficiency, reduced risk of downtime, and full peace of mind.

PowerTag® is a compact and easy-to-install Class 1 wireless communication energy sensor that monitors and measures energy and power in real time. Designed for new or existing installations in the residential, small business, and commercial building segments, PowerTag sends alerts in the event of an electrical anomaly, so now, home owners can enjoy peace of mind and business owners can count on operational efficiency and uptime.

Characteristics

• A class 1 energy sensor: Its values are measured in accordance with the IEC 61557-12 standard, to provide real-time data on:
  - Phase-to-neutral and phase-to-phase voltage
  - Current per phase
  - Active / Reactive Power, total, and per phase
  - Apparent Power total
  - Power factor

Functions

• Real-time alarms are sent directly to smartphone or email – in the event of voltage loss or overload trips.
• A complete range of energy sensors for loads up to a rating of 630 A.
• Easy commissioning: PowerTag is automatically detected by the gateway during commissioning.
• A single gateway can communicate with up to 100 PowerTag units.

Acti9 Smartlink

Monitor and control your business electrical equipment via your supervision system

Acti9 Smartlink Modbus and Acti9 Smartlink SI B are rapid to install gateways that allow you to grow your energy monitoring and control of final loads.

➕

Optimization of energy consumption, enabling increased energy efficiency

The collection, visualization, and analysis of data from energy meters for individually monitored / controlled circuits in multiple

The simplicity of upgrading distribution panels

Functions

• Status and alarms from circuit breakers
• Remote control of contactors
• Remote monitoring of metered values
• DIN rail fitting: no additional space needed
• Simple, rapid installation with ready-to-connect communication module
• All in one cables with pluggable connections
• IEC 61131 compliant (PLC I/O modules)
• 24 V DC power supply

Connectivity

Acti9 Smartlink SI B:
• 7 digital input / output channels and 2 analog inputs
• Connection with up to 20 wireless devices
• RS485 Modbus Master communication (up to 8 Acti9 Smartlink Modbus or other Modbus slaves)

Acti9 Smartlink Modbus:
• 11 digital input/output channels
• RS 485 Modbus Slave communication.

Connected products

Enerlin'X IFE

Ethernet interface for circuit breakers
Part of EcoStruxure

Enerlin'X™ IFE interfaces enables MasterPacT™, PowerPacT™, and ComPacT circuit breakers to be connected to an Ethernet or Modbus-SL network

Connected circuit breakers

- Live collection of Masterpact, Compact, and PowerPact circuit breaker data
- Alarms and pre-alarms for remote notification
- Ability to remotely control the circuit breakers

Simple and efficient installation:

- Plug and play thanks to the ULP
- Built-in test function
- Single software for commissioning and firmware updates with Ecoreach™

Characteristics

- Communication network type:
  - Ethernet, Modbus TCP/IP, HTTP, FTP, SMTP, NTP, SNMP10/100 Mbit/s on 2-port RJ45
  - Universal Logic Plug on 2-port RJ45
- Web server: Embedded HTTP server
- Mounting mode: by clips
- Mounting support: 35 mm DIN rail
- Control type: by software
- [Us] rated supply voltage: 24 V DC - 20...10 %
- Maximum supply current: 3 A
- Current consumption: 120 mA
- Connections - terminals: RJ45 connector
- Product certifications: GOST / CULus / FCC/ CE
- Standards: UL 60950 / UL 508 / IEC 60947-6-2 / IEC 60950
- Dimension:
  height: 105 mm / width: 72 mm / depth: 71 mm
- Net weight: 182.5 g
- Accessory / separate part category:
  - Spare part for Compact NS630b...1600
  - Spare part for Compact NS1600b...3200

Environment:

- IP degree of protection:
  - connectors: IP2x
  - other parts: IP3x
  - front panel: IP4x
- Relative humidity: 5…85 %
- Ambient air temperature for:
  - storage: -40…85 °C
  - operation: -20…70 °C
- Pollution degree: 3
- Flame retardance:
  - V0 conforming to UL 94
  - V0 conforming to IEC 60947-1
  - V0 conforming to IEC 60695-2-11
- Shock resistance: 1000 m/s²
- Vibration frequency: 5…8.4 Hz

Com'X 210

EcoStruxure Panel Server

Universal wireless, concentrator modbus gateway 110-277 VAC/DC

EcoStruxure Panel Server is a gateway, providing connection of wired or unwired smart IoT devices to edge control software or cloud application. Connect wireless devices from Schneider Electric such as PowerTag Energy, PowerLogic HeatTag, Power Tag Ambiant, Power Tag control and others. Connect most of Modbus/RS485 and Modbus/TCP devices from the market including PowerMeters and Protection devices from Schenider Electric. User friendly web-pages offer first-lelvel of monitoring of measurements of all the conected devices including log of all alarms. Simple troubleshooting or the sytem through embedded web-pages with advanced diagnostic informations and logs . Easy commissioning through embedded web-pages or with EcoStruxure Power Commissionig that will offer commissioning reports and advanced features. Product dimensions are as follows: width 71,8 millimetres, depth 70,2 millimetres and height 85 millimetres. From 110 to 277 VAC/DC 50-60Hz 3W/10VA Max Power Supply. -25°C to +70°C Operating temperature. 5-95% relative humidity. Major certifications including CE, UL/CSA, IEC61010, UL61010, IEC61974-1, Marine certification, IEC61443-4-2, RCM, EAC and UKCA. The gateway can be DIN rail mounted in a modular enclosure. It has IP20 connectors, IM40 front face nose and IP30 on others faces. Two 10/100 Base-T ethernet RJ45 connectors. Modbus RS485 open-style connector. One connector for external Wi-Fi/Bluetooth antenna. Direct cellular connection through external LTE router connected through Ethernet or Wi-Fi. Perfect fit for EcoStruxure Edge Software such as Power Monitoring Expert, Power Operations and EcoStruxure Building Operations. Designed for EcoStruxure Cloud Applications such as Asset Advisor and Resource Advisor.

Product or component type
- Gateway

Device short name
- PAS600

Device application
- Gateway

[Us] rated supply voltage
- 110...277 V AC 50/60 Hz
- 110...277 V DC
- communication gateway

Ethernet TCP/IP to wireless devices
- Ethernet/serial

Connected products

Exiway DiCube Emergency Lighting System

Exiway DiCube
Control Unit

Exiway DiCube
Line Controller

Product references

The addressable system for automatic testing, reporting, and supervision of your emergency lighting installation. Exiway DiCube provides an intelligent way to install, commission and improve safety and control of emergency lighting always and everywhere.

Characteristics
- Exiway DiCube system is compliant with your BMS with Ethernet protocol.
- DALI protocol is used between the luminaires and the Control unit.
- Scalable system, from 128 luminaires for 1 Control Unit and Line Controller to as many luminaires as you want.
- Automatic tests compliant with the IEC EN 62034 standard.

Functions
- Automatic periodic tests for checking the status of the luminaires.
  The Control Unit automatically runs operational and autonomy tests on all connected devices.
- With your Smartphone linked to the Control Unit via Bluetooth, you have what you need to completely manage the entire installation. Set-up, commissioning, checks and plant status are always at your disposal.
- Programming and commissioning can be carried out using the dedicated "PC Suite" software.

Connectivity
- Easy integration on the EcoStruxure™ Building platform, web and KNX thanks to the use of DALI protocol. It gets effective management of all problems and constant control, even remotely, minimizes economic impact and optimizes tests and maintenance.
- Automatic tests compliant with the IEC EN 62034 standard.
- Built-in web server with monitoring of the status of the installation and devices connected to the system; automatic notifications in case of anomalies.

Learn more about this connected solution

COMPLETE EXIWAY DICUBE RANGES

Exiway Smartled

Exiway Smartbeam

Exiway Smartexit

Exiway Smartduo

Exiway Kitled

Easergy™ P3 Protection Relays

Compact protective relays for standard MV applications
Part of PowerLogic™

From overcurrent to advanced protection, with Arc detection and Ethernet communication including IEC® 61850

Product references

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- Simplify operation and maintenance with the innovative EcoStruxure Power Device app for mobile devices

- Better connectivity. Simple remote operation and 8 communication protocols in a single box design, including PRP and IEC 61850

- Unparalleled efficiency. Save precious time with simplified configuration, testing, installation, and maintenance.

Connectivity
- 9 communication protocols in one device with Serial and Ethernet connectivity
- IEC 61850 and redundancy protocols (RSTP, PRP)
- Increased amount of inputs and outputs for more possibilities
- EcoStruxure Power Device App

Application

Feeder	Phase and earth-fault	●
	With directional	●
	With line differential	
	With distance	
Voltage	Voltage and frequency	●
Transformer	Phase and earth-fault	●
	Wth transformer differential	
Motor	Phase and earth-fault	●
	With voltage	●
	With machine differential	
Generator	Phase and earth-fault	●
	With directional	●
	With machine differential	
Busbar	With busbar differential	
Busbar voltage protection		●
Capacitor bank		●
Sensors	CT (1 or 5 A) or VT	

Connected products

Easy UPS BVS (1 Phase)

Product references ▸

➕

Flexible design for both high and low powered devices
• Stay connected for hours, not minutes
• Automatic Voltage Regulation (AVR)
• Reliable surge protection
• Wall mounting sockets
• Wide outlet spacing
• Compact size
• Intelligent off-mode charging
• Cold start function
• Easy to use
• Battery self diagnosis

300 to 1000 VA 1 phase UPS

For our home and small office customers, Schneider Electric delivers a new category of UPSs designed for the essential power protection needs, even in the most unstable power conditions: introducing Easy UPS 1 Ph BVS Series. Easy UPS 1 Ph BVS Series is a versatile, high quality UPS developed to handle inconsistent power. conditions.

Characteristics

For Home and Home Office			
UPS model	BVS650I-GR	BVS800I-GR	BVS1000I-GR
Power Capacity	375 W / 650 VA	450 W / 800 VA	600 W / 1000 VA
Input Voltage range	170-280 V		
Runtime Estimates			
120 W Runtime (min)	10	15	17
180 W Runtime (min)	6	9	10
240 W Runtime (min)	2	2.5	2.5
Physical and Warranty			
Dimension D x W x H (mm)	92.5 x 160.5 x 305		
Weight (kgs)	4.5	5.3	5.7
Warranty	2 years		
Input Connection	Schuko		
Output Connections	Schuko battery backup outlets		

Easy UPS 1 Phase On Line SRVS

1 to 10 KVA 1 phase ON Line UPS

For small to medium businesses, Easy UPS 1 Ph On-Line provides essential power protection for unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

Product references ▸

➕

Flexible design for both high and low powered devices
• Stay connected for hours, not minutes
• Automatic Voltage Regulation (AVR)
• Reliable surge protection
• Wall mounting sockets
• Wide outlet spacing
• Compact size
• Intelligent off-mode charging
• Cold start function
• Easy to use
• Battery self diagnosis

Characteristics

On-Line UPS - Tower for Small and Medium Office / Business			
UPS model	SRS1KI	SRS2KI	SRS3KI
Power Capacity	800 W / 1000 VA	1600 W / 2000 VA	2400 W / 3000 VA
Half Load Runtime (min)	10		
Full Load Runtime (min)	4		
DB-9 RS-232	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix and Mac		
Intelligent slot	Mini Slot		
Control panel & audible alarms	Multi function LCD status and control console		
Surge energy rating (Joules)	600 J		
Physical and Warranty			
Dimension D x W x H (mm)	288 x 145 x 223	400 x 145 x 238	425 x 190 x 336
Weight (kgs)	9.3	16.8	26.8
Regulatory	CE		
Warranty	2 years		
Input Connection	IEC C14		IEC C20
Output Connections	IEC C13	IEC C13	IEC C13, C19
Accessories	ApVS9601 Schneider Electric Easy UPS Online SNMP Card		

Connected products

Easy UPS 1Ph line interactive SMVS

Product references

LCD Display: intuitive interface provides comprehensive status information at a glance

Pure Sine-Wave Output: provides optimum device compatibility when on battery

Automatic Voltage Regulation

Communication Ports: USB and serial ports for UPS management

Generous number of outlets: all receptacles are surge and UPS output protected

Rugged Sheet Metal Construction: rigidly holds and protects critical electrical components

Battery connector: convenient way to disconnect battery for transport.

Safety-agency approved: ensures the product has been tested and approved to national standards

750 to 3000 VA 1 phase line interactive UPS

Easy UPS Line-Interactive Sinewave SMVS is a versatile uninterruptable power supply developed to handle a wide voltage range in regions with inconsistent power conditions while also delivering quality that millions of professionals trust around the world.

Characteristics

Line - interactive UPS - Tower (network card not available)					
UPS model	SMVS750CAI	SMVS1000CAI	SMVS1500CAI	SMVS2000CAI	SMVS3000CAI
Power Capacity	525 W / 750 VA	700 W / 1000 VA	1050 W / 1500 VA	1400 W / 2000 VA	2100 W / 3000 VA
Typical recharge time	4-6 hours recover to 90% capacity				
Full Load Runtime (min)	> 2 mins 30 secs				
RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix and Mac				
Intelligent slot	Mini Slot				
Dry contact	Multi function LCD status and control console				
USB port	Supports Windows® 7 / Server 2012 / 10 / Sever 2016				
LCD display	AC Mode, AVR Mode, Battery Mode, Battery Level, Load Level, Input Voltage, Output Voltage, System Error, Battery Malfunction				

Physical and Warranty					
Dimension D x W x H (mm)	416 x 160 x 220			455 x 180 x 240	
Weight (kgs)	13.6	13.6	17.8	23.5	25.2
Regulatory	CE				
Warranty	2 years				
Input Connection	IEC C14				IEC C20
Output Connections	IEC C13				

Unica System+ - Optiline 45 (with Unica WD)

	Unica System+	Optiline 45 (with Unica WD)
Description	Modular, quick to install, and easy to rearrange, Unica System+ devices provide the flexibility and innovative design to elevate office spaces from work-ready to future-ready.	The OptiLine 45 and Unica Click-in System is fast, flexible and very time-saving system. Built to save all kinds of energy for building-developers, owners, installers and end-users. By adding the Wiser functions you'll now reach yet another dimension of convenience and smartness: Energy efficiency!
Characteristics	Unica System+ floor sockets and floor boxes unite ease of installation, flexible functionality, and user convenience to give your customers more than they expect. Unica System+ desk units add convenience and connectivity, allowing people to work theway they choose.	Efficient mounting. Pre-punched oval holes every 25 cm and dedicated tools and fixings. Perfect joints. Jointing pieces for exact levelling. Joint cover piece to hide the gap.
Functions	With Unica System+ modular units, you can create exceptionally customized office interiors. Unica System+ poles and posts are an ingenious solution for modern office interiors. Highly aesthetic, movable, and customizable with different functions and accessories.	Perfect bends. Large tolerances. Self-guiding mounting of the bend piece. Pull-out safe outlets. Extra secure click-in function and front locking clip.
Connectivity	When space is at a premium and you have several functions to fit, Unica System+ workstations come to the rescue.	Pre-punched slots. Allows cross-sectional feeding of cables.
Benefits	• Answer the needs of the modern workspace • The office of today has open areas designed to encourage cooperation, meeting rooms built to increase focus and concentration, fun areas for relaxing, and inside gardens to support well-being. • Such diversity in the office requires equally imaginative solutions for power and connectivity. And this is how you provide it: with Unica System+, a range of solutions designed to flexibly and reliably power every corner of the office. • Unica System+ offers any functional solutions i.e. power outlet, USB, data, multimedia socket, wireless charger. • Available in different colors and finishes, including exquisite Kvadrat fabrics, Unica System+ devices give your customers a broad choice of options to complement their interior styles. With its stylish solution it also suits any modern home space.	• Wall trunking in 5 sizes; 75x55, 95x55, 140x55, 165x55, 185x55.Material: PVC or aluminum. The OptiLine 45 installation system gives the user reliable and flexible access to power, telephone and data close to the workplace. • 45x45 module wiring devices • Wide range: trunking, poles, posts and service boxes • Easy to order: several kits, simple specifying tool, product references printed on the protective foil of the trunking • Easy and quick installation. Accessories are mounted without adaptation • Easy to handle: trunking base and cover packed together, but not assembled • Safe and reliable: high-quality materials, self-extinguishing PVC, dedicated fixings • All trunking are 55 mm deep - high capacity and safe wire connections • Environmentally friendly, only lead-free and cadmium-free PVC is used (RoHS substance-free)
Product references	INS52100, INS52101, INS52102, INS52103, INS44000, INS44001, INS44004, INS44031, INS44050, INS44400, INS44303, INS45100, INS61200, INS61201, INS61202, NU320318, NU320330, NU8744, NU122454, NU173454, NU352518, NU986654	ISM10100P, ISM10101P, ISM10102P, ISM10103P, ISM10104P, ISM10105P, ISM10106P, ISM10107P, ISM10110P, ISM10202P, ISM10250, ISM10907P, ISM20103P, ISM20149P, ISM10907P, ISM20200, ISM20423, ISM20426, ISM20450, ISM10957, ISM20815 , ISM20350P, ISM20346P, ISM20341P, ISM10923, ISM10922, ISM10921, ISM10920P

Connected products

Optiline mini

	Optiline mini
Description	The most comprehensive mini trunking system with a wide range of trunking dimensions and accessories.
Characteristics	High surface finish and hidden joints. High-grade, UV-resistant materials. Accessories and joint cover pieces conceal uneven cuts. Pre-punched screw holes or adhesive and built-in build tolerance for adjustable corners. Three trunking sizes equipped with an integrated cable retaining function.
Functions	IP40 and classified for single insulated wire.
Benefits	• Designed, safe and flexible • Wide range: six sizes in PVC, 4 sizes in halogen-free plastic and 3 sizes in aluminum • Impact-resistant and tamper-proof. Can only be opened with tools. • Smooth design • Easy to handle including U-shaped profiles • Easy to install with pre-punched holes • Plastic trunking classified for single-insulated wires. • Can be used both indoors and outdoors • Branching piece: easy to combine different sizes • Partition walls can be removed to allow space for larger cables • Environment-friendly: no heavy metals, halogen-free alternatives
Product references	ISM14100, ISM14100P, ISM14120P, ISM14125, ISM14150, ISM14220P, ISM14300P, ISM14330, ISM14400, ISM14400P, ISM14430P, ISM14470P, ISM14500P, ISM14600P, ISM14630P, ISM14225P, ISM14240, ISM14440

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