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

Access to energy and digital is a basic human right.

We empower all to make the most of their energy and resources, ensuring Life Is On everywhere, for everyone, at every moment.

One program.
One network.
Endless opportunities.

EcoXpert™
Certified by
Schneider Electric

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

3,000
certified partners

40
countries

We provide energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure, and Industries.

We are committed to unleash the infinite possibilities of an open, global, innovative community that is passionate about our 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

Typically, alternate power sources are made up of one or more diesel or gas powered generators, sized to carry, at a minimum, any vital, critical, and emergency loads. Power is transferred from the main utility supply to the alternate power sources using automatic transfer switches (ATS) whenever the main utility supply is interrupted. A facility may have one or several independent EPS systems.

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).
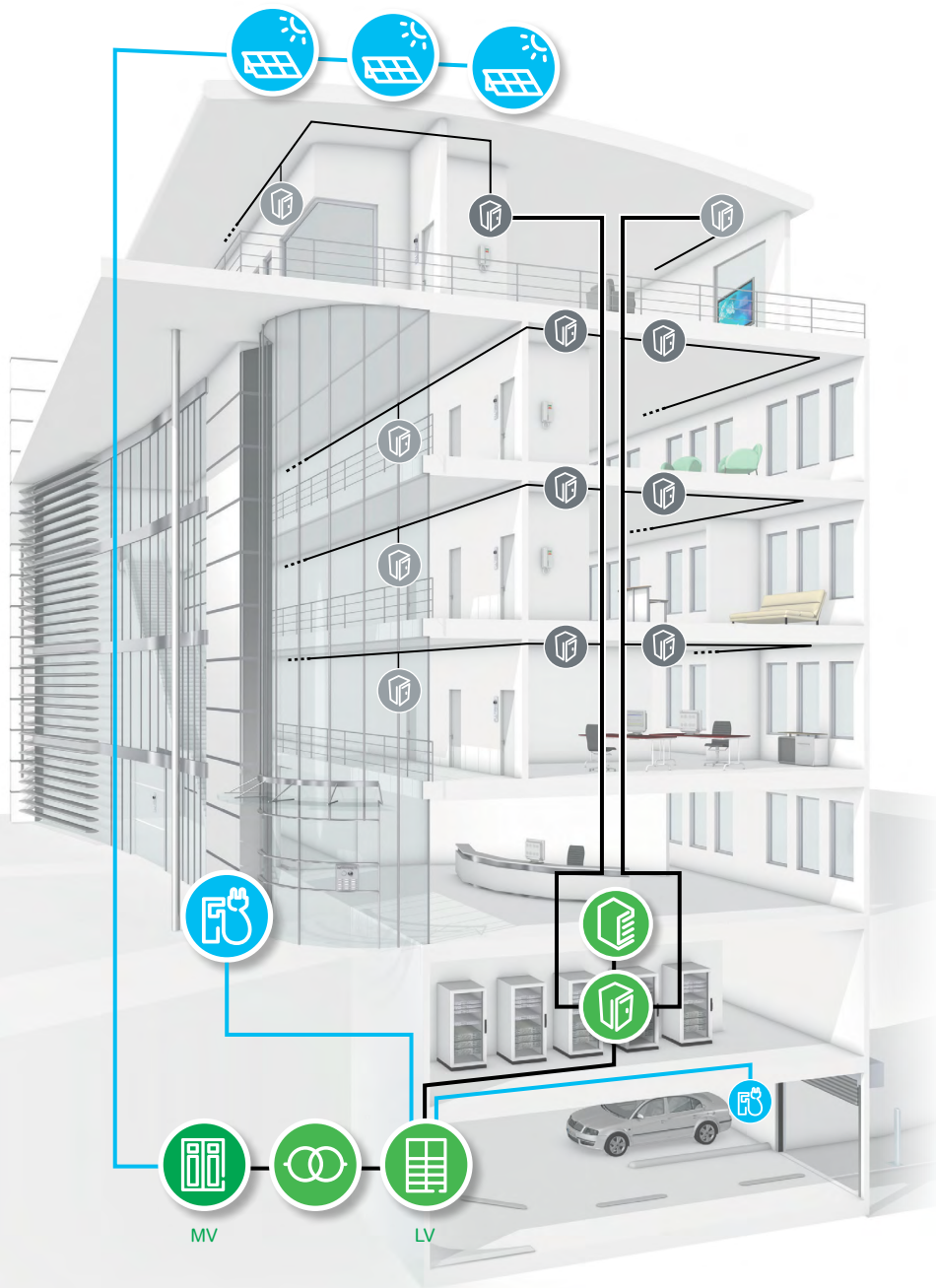
Renewable energy

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

MV   LV

Global offers   Easy to install   Easy to maintain

Electrical architecture

Connected spaces

Installation Systems
OptiLine 45

Installation Systems
Unica System+

Installation Systems
OptiLine Mini

Final distribution

Enclosures
Pragma / Kaedra

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
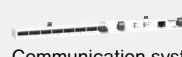
Communication system
Acti9 Smartlink

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
Blok**SeT**
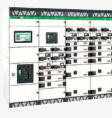
LV switchboard up to 7300 A
Okken

LV switchboard up to 4000 A
PrismaSeT P or G

Universal Enclosures
Spacial or Thalassa

Connection to MV network

SF6-free MV switchgear
SM Air**SeT**

MV Switchgear up to 24kV
SM6

MV/LV transformer
Trihal

MV protection relay
Easergy P3

EVlink

Charging station
EVlink

Software and tools

EcoStruxure™ Power Commisioning

EcoStruxure™ Facility Expert

EcoStruxure™ Power Monitoring Expert

EcoStruxure™ Asset advisor

EcoStruxure™ Power Advisor

EcoStruxure™ EV Advisor

EcoStruxure™ EV Charging Expert

Connection to MV network
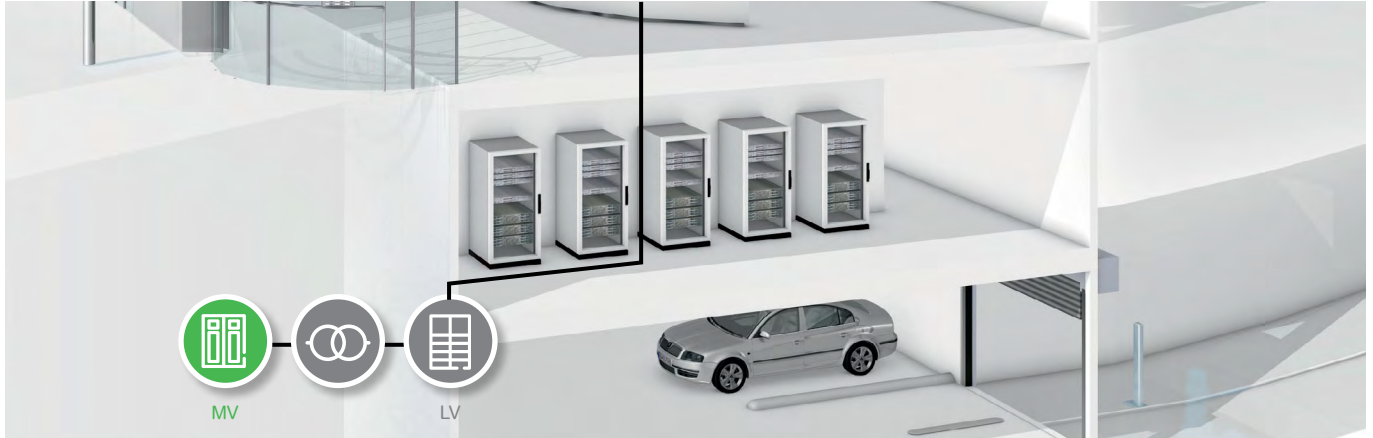
Modular switchboard

MV   LV

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

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.

Environmental monitoring

Thermal monitoring

Arc fault detection

Circuit breaker monitoring
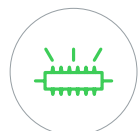
Partial discharge monitoring

SM Air**SeT**

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.

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

Functions:

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

Connectivity:

SM AirSeT also boasts other powerful digital capabilities extending beyond local visibility and maintenance.

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.

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

More info

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.

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

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

Modular switchboard

MV · · · LV
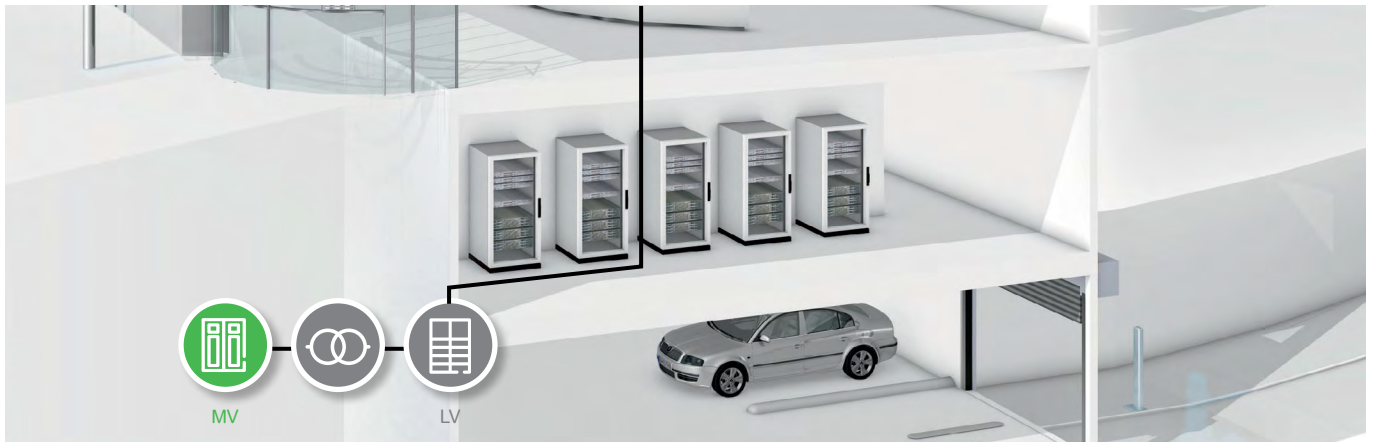
Active plus

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

[Product references](#)

EcoStruxure™ Power Device

Download

How To Use
EcoStruxure Power
Device App

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.

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](#)

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
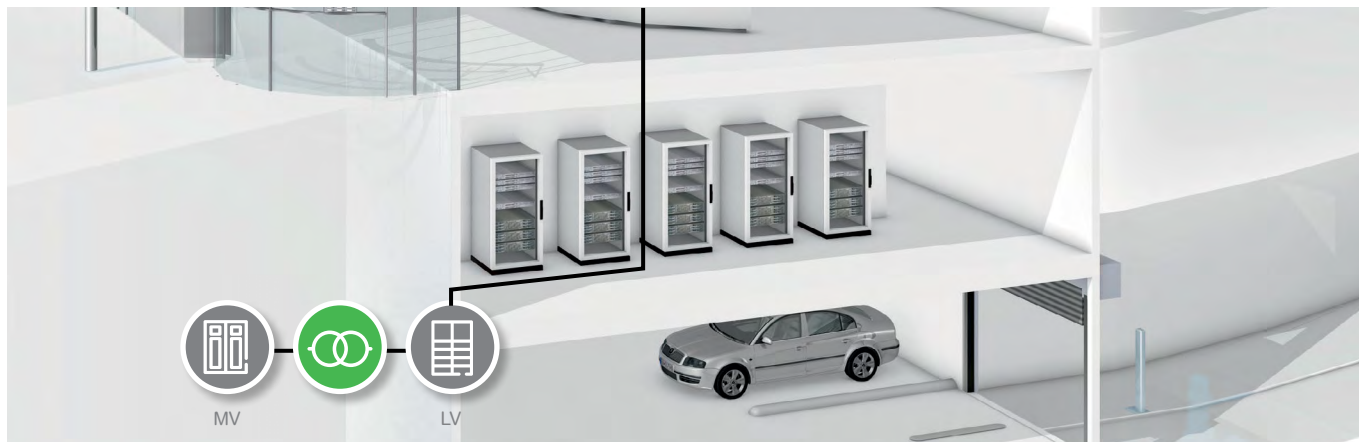
Active plus

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 and Control

SMS Alarming

Substation Monitoring
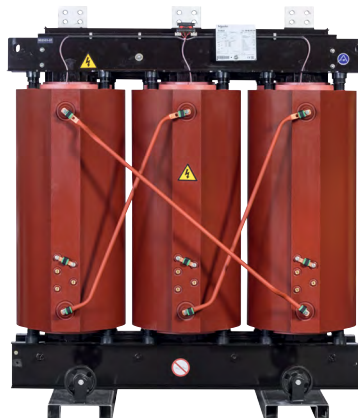
Thermal Monitoring

Environmental Monitoring

LV Windings Monitoring

Trihal

Cast resin distribution transformer up to 15 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 up to 15 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
- E3, C3, F1 certified
- Deep temperature storage up to -60°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

Guaranteed against fire hazards (Self-extinguishing)

Totally insensitive to harsh environments (pollution or condensation)

Easy and quick to install with a minimum maintenance

Product references

EcoStruxure™ Facility Expert

Android   iOS

EcoStruxure Ready distribution transformers

ASSOCIATED OFFERS

Easergy TH110

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

[Product references](#)

Watch

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.

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

Master**Pact** 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](#)

Com**PacT** 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

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.

[More information on se.com](#)

PowerLogic PM5000 series

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](#)

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.
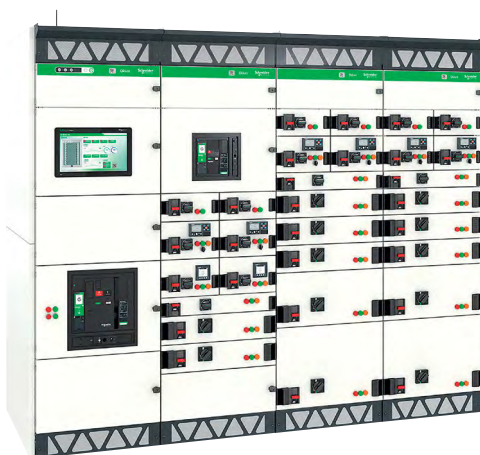
Mining, Minerals, Metals & Cement industries

Airport

Railway, and subway infrastructure

Oil & Gas

Chemicals industries

Water & Wastewater industry

Energy production and distribution

Commercial buildings

Data centers infrastructure

Healthcare infrastructure

Okken

[Product references](#)

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

Master**Pact** 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](#)

Com**PacT** 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](#)

Altistart 22 Soft Starters

All-in-one Soft Starters for electrical motors from 4 to 400 kW.
Designed for most infrastructure and industrial applications for better in-class protection function and ease of use.

[More information on se.com](#)

TeSys U

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)

[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](#)

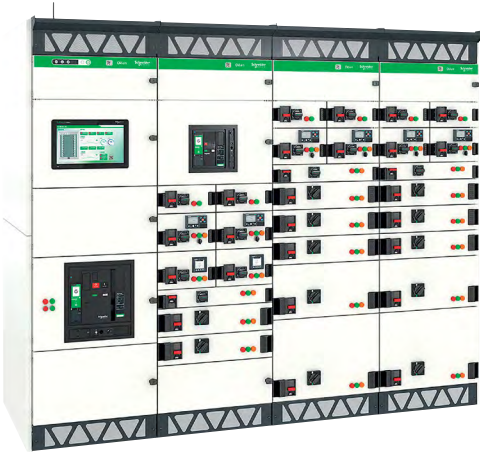# Main LV power distribution

Power distribution switchboard up to 630 A

MV   LV
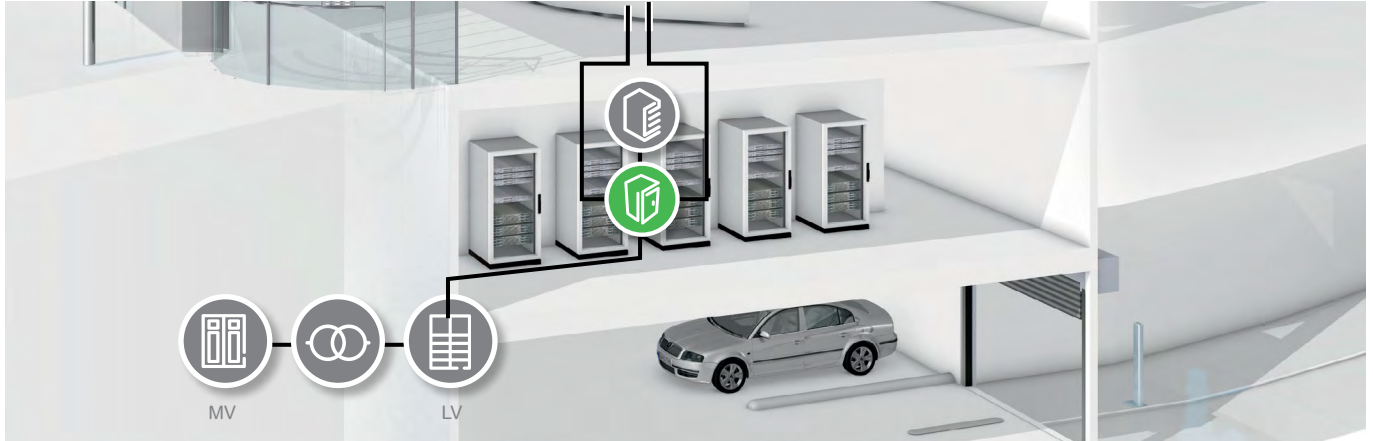
Optimized and upgradeable

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

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

Product references

Watch

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

Acti9™

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.

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

Acti9 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.

More information on se.com

Enerlin'X™ IFE

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

More information on se.com

Com'X 210
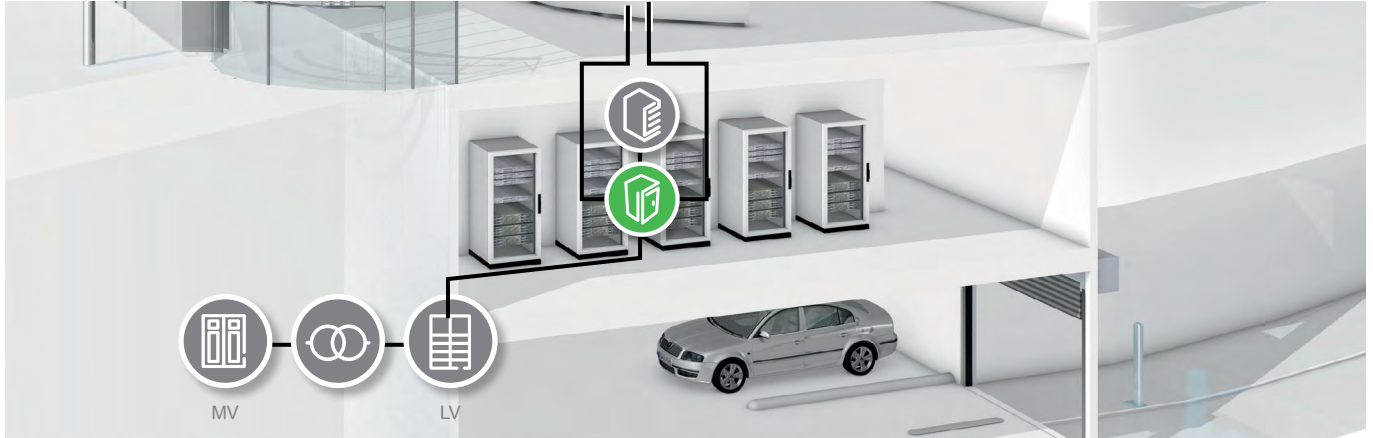
Compact plug and play data logger. Collects and stores consumption of WAGES (Water, Air, Gas, Electricity, and Steam) and environmental parameters such as temperature, humidity, and CO_2 levels in a building.

More information on se.com

Main LV power distribution

Power distribution switchboard up to 4000 A

MV   LV

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

Product references ▶

Watch

Power distribution for floor-standing switchboards, up to 4000 A supplied
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

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.

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:
- Acti9 MCBs
- Acti9 RCDs
- Acti9 SPDs
- Acti 9 Active
- HeaTag
- Acti9 SmartLink
- Enerlin'X IFE
- Com'X 200

Master**Pact**™ 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

Com**PacT** 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

MV   LV
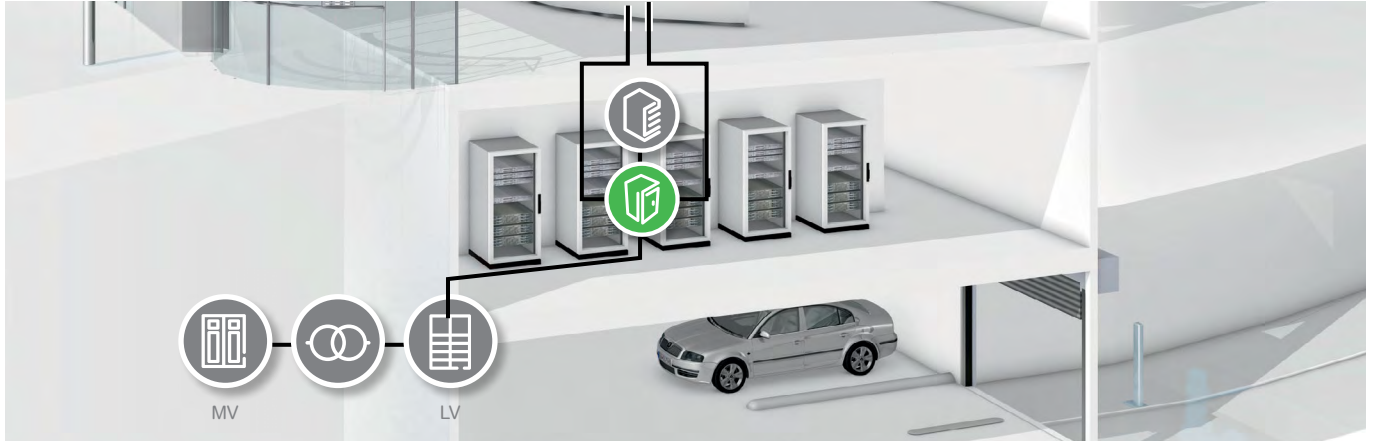
Enabled plus

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

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

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
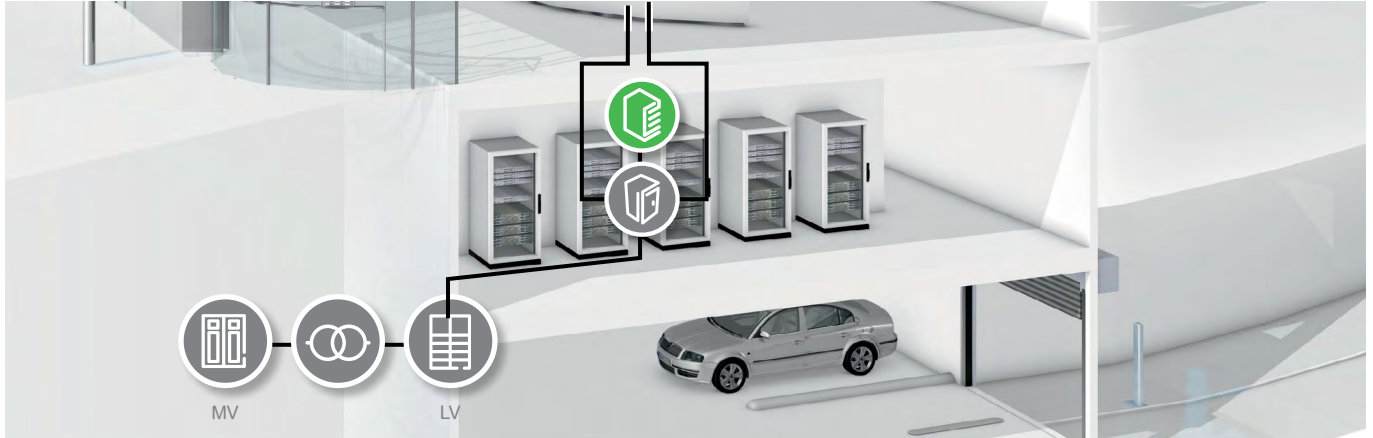
Enabled plus

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

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

[Product references ►](#)

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
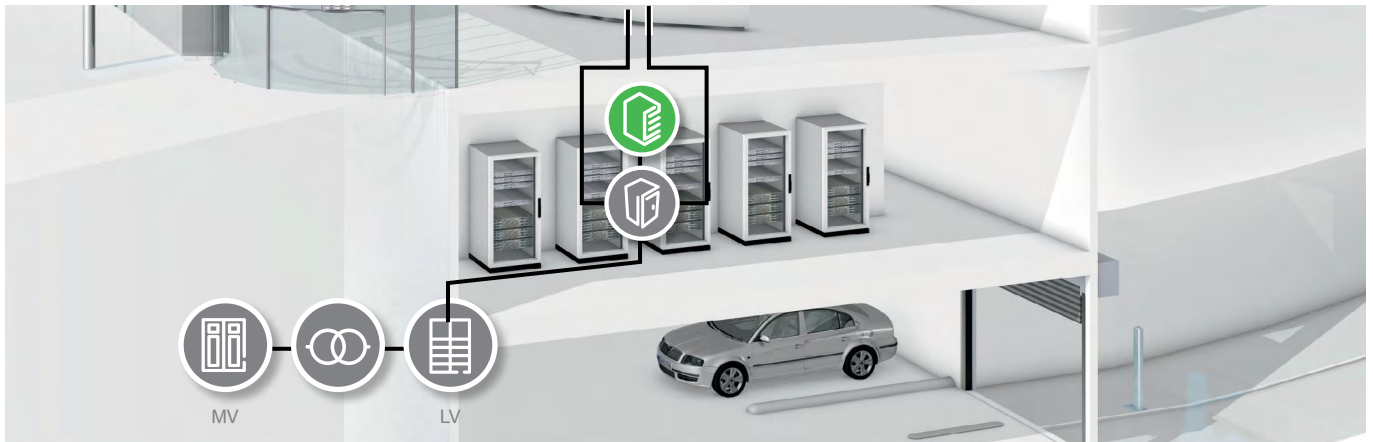
Well suited for a wide range of applications

- 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.

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

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.

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.

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.

Software and Tools for Contractors

Explore our broad selection of easy-to-use software and tools designed to make your work easier and more productive.

Register/Log in

Overview | Resources | **Software and Tools** | EcoStruxure™ Power

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

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™ Facility Expert 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
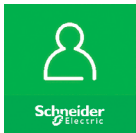
More information on
www.se.com

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.

CAD Library

CAD

More information on
www.se.com

Explore our comprehensive database of ready-to-use for free CAD files for all your design projects

BIM Library

BIM

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.

Industrial Secure Power Selector

More information on
www.se.com

Help you save time to find products and compatible accessories.

Install, test, and commission

Operate and maintain

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™ Facility Expert.

Exiway PC Suite

More information on
www.se.com

Helps to configure and monitor the installation of your Emergency Lighting luminaires.

EcoStruxure™ Facility Expert

More information on
www.se.com

From construction to operation, EcoStruxure Facility Expert's digital logbook is the must-have asset management software and app for all phases of a building's lifecycle.

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.

All partners
Authorized to resell Schneider Electric's offer.

- Sale of modernization, maintenance, and spare parts services.
- All service offers are performed by Schneider Electric's field service representatives.

Master
EcoXpert Power Services partners are trained and qualified to perform specific Schneider Electric Services offers.

- Perform preventive and corrective maintenance on Low Voltage and Medium Voltage with Schneider Electric tools and procedures.
- Supply spare parts kits for Low Voltage, Medium Voltage, and protection relays equipment.
- Provide and install modernization solutions (ECOFIT™) with type tested and pre-engineered solutions from manufacturer.
- Benefit from Remote Expertise technology to be supported on site by Schneider Electric.
- Upgrade installation with sensors and connectivity on MV and LV installation.
- Provide thermal monitoring and asset management digital services.

EcoXpert™
Certified by
Schneider Electric

Discover more services we share with our partners

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!

Learn more about this connected solution

Easier handling
Hoisting

Aesthetics
Colors

Efficiency
Energy efficiency

Safety
Dedicated packaging

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.
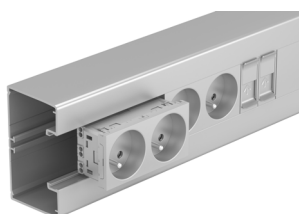
Wall-Mounting

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
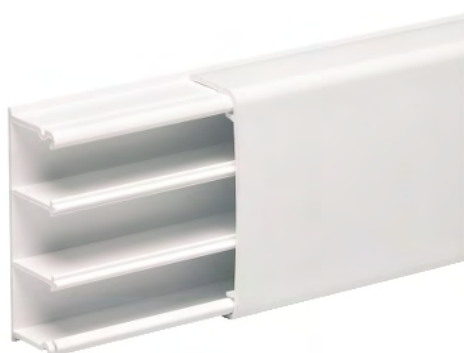
NEW:
Black version

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

Master**Pact** MTZ

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

➕

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

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.

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.

Com**PacT** NSX

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

[Product references](#)

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.

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

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

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](#)

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

Product references

- 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 MCBs - RCDs - SPDs

	MCBs	RCDs
Description	Our new high performance modular system for final distribution, provides unmatched performance when it comes to installation simplification and speed, space saving as well as ease of maintenance and upgrading. The new Acti9™ iC40 system is fully-fledged member of the Acti9 Family and offers multiple benefits for those who design, build,operate, and maintain electrical panels for final distribution.	In coordination with Acti9 and Multi9 MCBs, this RCCB will also give you additional protection against any direct contact
Characteristics	• The new Acti9 iC40 system is fully-fledged member of the Acti9 Family and offers multiple benefits for those who design, build, operate, and maintain electrical panels for final distribution. Redefine standards of Efficiency, Visibility, Connectivity with the new Acti9 iC40 system. • Acti9 iC40 is an extensive range of DIN rail mounted, phase-neutral miniature circuit breakers, specifically designed to connect every type of protection device under the same comb busbar, no matter the number of poles. The new system offers exclusive features to provide absolute protection to circuits against short-circuit currents and overload currents in your electrical installation . • Suitable for isolation in compliance with IEC/EN 60898-1 and/or IEC/EN 60947-2 • Available in 1P+N, 3P and 3P+N for circuits up to 40 A • Breaking capacity at 4500 A, 6000 A and 10 000 A • Wide range of tripping curves available: B, C and D • Class 2 insulation for optimal protection of operators and unqualified persons. • Wide range of operating temperatures: -25 / +70°C • Sharing same key features with Acti9 iC60 in regards to aesthetics , form-factor , range of auxiliaries • VisiTrip offers a visible fault indicator for fast and optimized on-site servicing • VisiSafe offers a visible green strip with reinforced insulation for maintenance in better safety conditions • Environmentally friendly with 100% recyclable and recoverable materials.	• Achieve full coordination with Acti9 and Multi9 MCBs with DIN rail RCCB you can rely on. Providing better continuity of service as well as offering a complete environmentally friendly option, the DIN rail RCCB will also give you additional protection against any direct contact.Complete with VisiSafe, which helps to ensure the ultimate in safety for both operation and maintenance work • Complete with VisiSafe, which helps to ensure the ultimate in safety for both operation and maintenance work • Class-2 insulation: ensures continuous protection for both operators and unqualified personnel • Complete with VisiTrip: detects faulty outgoers quickly and reduces intervention time • Fully immune earth leakage protection: provides better continuity of service, especially with the new SI type (Super immune) which has been designed with polluted environments and networks in mind • The optional electrical auxiliaries and mounting accessories are consistent with those offered on Acti 9 iC60 miniature circuit breakers (MCBs) • Nominal current: 1 to 100 A • SI (Super immune), AC, A • 30 mA sensitivity: provides additional protection against direct contact (in accordance with IEC 60364) • 100 mA, 300 mA, 500 mA sensitivities: provide additional protection against fire and indirect contact (in accordance with IEC 60364) • Selective version: ensures correct discrimination between different residual current circuit breakers as well as the tripping of the device closest to the fault • Coordination with Acti 9 and Multi 9 MCBs • Fully compliant with standard IEC EN 61008-1 • Certified by national official authorities • Ideally suited to isolation in full accordance with industrial standard IEC/EN 60947-2 • Operating voltage: up to 400 V AC • Insulation voltage: 500 V AC • Optional auxiliaries available: indication of state and tripping, shunt tripping, undervoltage tripping, overvoltage tripping.
Functions	• MCBs - Protection against Overload and Short-Circuit • Acti9 iC40 system is dedicated to the Small, Medium and large buildings applications	• Designed for industrial and commercial buildings • Prevent electrocution (in accordance with installation standard IEC 60364 and national standards) • Reduce fire hazards by cutting down current leakage into building electrical installations.
Connectivity	Connectable with suitable auxiliaries Offers a wide range of electrical auxiliaries: remote indication of Acti9 iC60 status and several tripping actuators: shunt trip, undervoltage trip, overvoltage trip.	Connectable with suitable auxiliaries
Benefits	• Maintain and upgrade easily your final distribution panels that have been perfectly designed and built. • Perfectly match of the layout of the electrical diagram • Enhanced reliability and simplification of cabling • Simplication of Installation and speed, space saving as well as ease of maintenance and upgrading Combined reliability, protection and ease of use for new and retrofit electrical installations • Option to add auxiliaries for remote monitoring and control • Option to add residual current device (Vigi) for earth leakage protection	• Complete with VisiTrip and VisiSafe, the DIN rail RCCB provide greater continuity of service as well as enhanced protection to both industrial and commercial buildings. • Greater continuity of service with VisiTrip • Greater electrical immunity with SI type (Super immune) • Easy-to-understand part numbers make choosing options simple and straightforward • Easy to install with quick, ergonomic and secure IP20B terminal shutters • Fully robust connections which provide twice the standard tightening torque • Environmentally friendly: made from 100% recyclable and recoverable materials.
Product references	Acti9 Ic40, Acti9 iDPN, Acti9 iC60, Acti9 C120, Acti9 NG125	Acti9 Vigi Ic40, Vigi for Acti Ic60, Vigi for Acti9 C120, Vigi for Acti9 NG125, Acti9 iDPN Vigi, Acti9 iCV40, Acti9 iC60

Connected products

Acti9 SPDs

SPDs

	Type: 1/ 1+2	Type 3
Description	Acti9 iPRF1, PRD1 Type 1 Surge arresters protect the electrical equipment against direct lightning strikes.The installation of Type 1 or Type 1+2 Surge Protection Devices is compulsory whenever there is a lightning rod.	Type 3 SPDs are at last level of power distribution, close to sensitive loads incase the subdistribution-panel wth Type2 SPD is more than 10m away
Characteristics	• These Surge arresters are available either as monobloc or with pluggable cartridges. • These ranges cover all the different earthing system: multiple-pole or single-pole devices to be assembled. • They come with output contacts for remote transfer of end-of-life information (for Acti9 SmartLink or other input/output devices). • Acti9 iPRF1 12.5r and Acti9 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 • Acti9 PRD1 Master is also suitable for 440 V IT earthing system. • Type 2 • With fixed and withdrawable surge arresters available, the Type 2 integrated surge arresters combine full protection, flexibility, and ease of installation. Designed for industrial and commercial buildings. • Maximum discharge current: 8 to 65 kA • Fully integrated disconnector for short-circuit current withstand, Isc up to 25 kA (IEC 61643-11, version 2005): Acti9 Quick PF, Acti9 Quick PRD ranges • Surge arrester/disconnector combinations certified for short-circuit current withstand, Isc up to 50 kA (IEC 61643-11, version 2005): Acti9 PF and Acti9 PRD ranges • Maximum steady state voltage: Uc = 260, 440 VAC • Suitable for any earthing system: TT, TN-S, TN-C and IT • Choice of fixed or withdrawable surge arresters • Multiple-pole or single-pole products to be assembled • Contacts for the remote transfer of end-of-life information. • These Acti9 iQuick-PF, iActi9 Quick-PRD ranges have the following exclusive features: • "F" within iQuick-PF means Monobloc Surge arrester	• Designed to work with multiple digital networks, the easy-to-install Surge Protection Devices provide much needed protection to electrical distribution switchboards from lightning strikes. • "Acti9 iPRC - Provides protection to both analogue and digital series-mounted telephone line d1.Fully compatible with XDSL (including ADSL).max: 18 kA Uc max. = 185 VDC and 130 VAC, with Imax. 450 mA." • "Acti9 iPRI 48 V: Fully flexible, can be used on any DC or AC low current line: supply, analogue signals, binary state of the sensors, digital data and more Ensures the protection of 4 lines with a common 0 V or 2 electrically independent lines Imax: 10 kA Uc max: 53 VDC and 37 VAC with Imax. 300 mA." • "Acti9 iPRE for Ethernet RJ45 sockets: Acti9 iPRE RJ45 is suitable for category 5 & 6 Ethernet cabling system, high speed data networks up to 250 MHz. Acti9 iPRE is delivered with an earthing cable which provides protective grounding in computer room Acti9 iPRE is DIN rail mounted RJ45 system-specific connection Imax: 10 kA Uc max: 6.5 VDC."
Functions	• "D" within iQuick-PRD refers to Withdrawable cartridges • Integrated backup protection for short-circuit current withstand, Isc up to 25 kA (IEC/EN 61643-11:2011) • Maximum discharge current from 8 kA to 65 kA	• Saves sensitive devices from surge in an event of lightning strike or transient overvoltage
Connectivity	• Maximum continuous operating voltage, Uc = 264 V, 350 V (Acti9 iQuick-PRD) • Suitable for the following earthing system: TT, TN-S, TN-C • Multiple-pole or single-pole products to be assembled • Contacts for the remote transfer of end-of-life information.	
Benefits	• Certified coordination with disconnection circuit breakers • Robust, strong and reliable connections • Provides a complete solution for remotely monitoring protection status • Integrated disconnector provides straightforward installation of Quick ranges. • Lighting protection has never been simpler	• Saves sensitive device from surge in an event of lightning strike or transient overvoltage • Experience hassle-free installation on digital networks with our surge protection devices. Perfect for a wide range of electrical distribution switchboards, they will provide complete equipment protection from lightning strikes. • Easy to install in a wide range of electrical distribution switchboards.
Product references	Acti9 iPRF1, PRD1, Acti9 iPRD, Acti9 iQuick, iQuick PRD,	Acti9 iPRC, iPRL , iPRE

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.

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.

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

Connected products

Acti9 **Smartlink**

Product references

Product references

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.

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

Product references

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

Connected products

Com'X 210

Energy server - data logger
Part of EcoStruxure
Comprehensive views of energy consumption, enabling energy-efficiency actions

Product references

Data collection from up to 64 field devices.

Configurable logging interval, from every minute to once a month.

Data storage duration of several weeks, up to 2 years with Com'X510.

Data publishing leveraging existing infrastructures: Ethernet or Wifi.

GPRS-ready for sites with difficult access to IT network, with high-level data security.

Local backup of configuration parameters, data storage in case of communication failure.

Quick fitting into electrical switchboards thanks to DIN rail clipping and profile.

Quick setup and configuration thanks to intuitive HM.

Characteristics
- [Us] rated supply voltage:
  - main or redundant power supply: 24 V DC
  - main supply: 100...230 V AC 50/60 Hz
- maximum power consumption in W:
  - 26 W 100...230 V
  - 26 W 24 V
  - 15 W via PoE
- Communication network type:
  - RS485, Modbus serial on 1 RJ45
  - RS485, Modbus serial on terminal block
  - Ethernet, PoE 15W (Power over Ethernet) on 1 RJ45
  - Ethernet, DHCP on 1 RJ45
- Number of inputs: 6 digital / 2 analog
- Discrete input current: 60 mA at 12 V DC
- Sensor power supply: 24 V DC at 50 mA
- Analogue input type:
  Pt 1000 / 4...20 mA / 0...10 V /Pt 100
- Communication gateway: Ethernet TCP/IP to Modbus
- Memory capacity: 128 MB RAM or 256 MB flash
- Mounting mode: clip-on
- Mounting support: 35 mm DIN rail
- Product certifications: C-Tick / CE
- Standards: EN 61010-1 / EN 60950
- Dimension:
  depth: 69 mm / height: 109 mm / width: 144 mm
- Net weight: 450 g
- local signaling:
  - LED: for power supply
  - LED: for status (GPRS)
  - LED: for communication (Modbus)
  - LED: for communication (Ethernet)
  - LED: for communication (WiFi)
  - LED: for I/O

Environment:
- Relative humidity:
  5…95 % at 55 °C without condensation
- IP degree of protection:
  - IP20 (terminal block)
  - IP40 (front face)
- Ambient air temperature for:
  - operation: -25…60 °C
  - storage: -40…85 °C
- Pollution degree: 3
- Operating altitude: 2000 m

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

Connected products

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

➕

• 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	

Easy UPS BVS (1 Phase)

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		

Connected products

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		

Easy UPS 1Ph line interactive SMVS

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				

Connected products

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 the way 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

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

Green Premium™

An industry leading portfolio of offers delivering sustainable value

Green Premium™

More than 75% of our product sales offer superior transparency on the material content, regulatory information, and environmental impact of our products:

- RoHS compliance
- REACh substance information
- Industry leading # of PEP's*
- Circularity instructions

Discover what we mean by green

Check your products!

The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognized environmental claims and extended to cover all offers including Products, Services, and Solutions.

CO₂ and P&L impact through… Resource Performance
Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO_2 emissions.

Cost of ownership optimization through… Circular Performance
We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through… Well-Being Performance
Green Premium products are RoHS and REACh compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through… Differentiation
Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations, we can support our customers in meeting their sustainability goals such as green building certifications.

*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)

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