Medium Voltage power distribution and solutions

Product Panorama 2026

se.com/mv-distribution

Life Is On Schneider Electric

An innovation in Air & Digital

In our all digital and all electric world, medium voltage power distribtution is becoming more sustainable through the use of Air & Digital technology.

Our AirSeT range now combines pure air for insulation and vacuum technology for breaking in an ingenious, patented arrangement called Shunt Vacuum Interruption (SVI)™.

Together with natively digital connectivity and monitoring, medium voltage now offers IoT-embedded features to help you be future-ready, whatever your application.

Pure air as the ultimate choice

Adopting pure air switchgear is not only better for the environment. It also helps improve health and safety as pure air is naturally sustainable. It reduces the switchgear's carbon footprint across its full lifecycle - from manufacturing to end of life - by eliminating the need for SF_6 or alternative gas and avoiding the difficulties of end-of-life recapture, recycling.

No compromise on benefits

The ingenious design retains the benefits valued by customers in former SF_6 equipment: compact physical footprint, 3-position switch, transformer protection via switch-fuse unit - all important considerations to avoid changes to installations and working practices.

Connectivity to the future facility

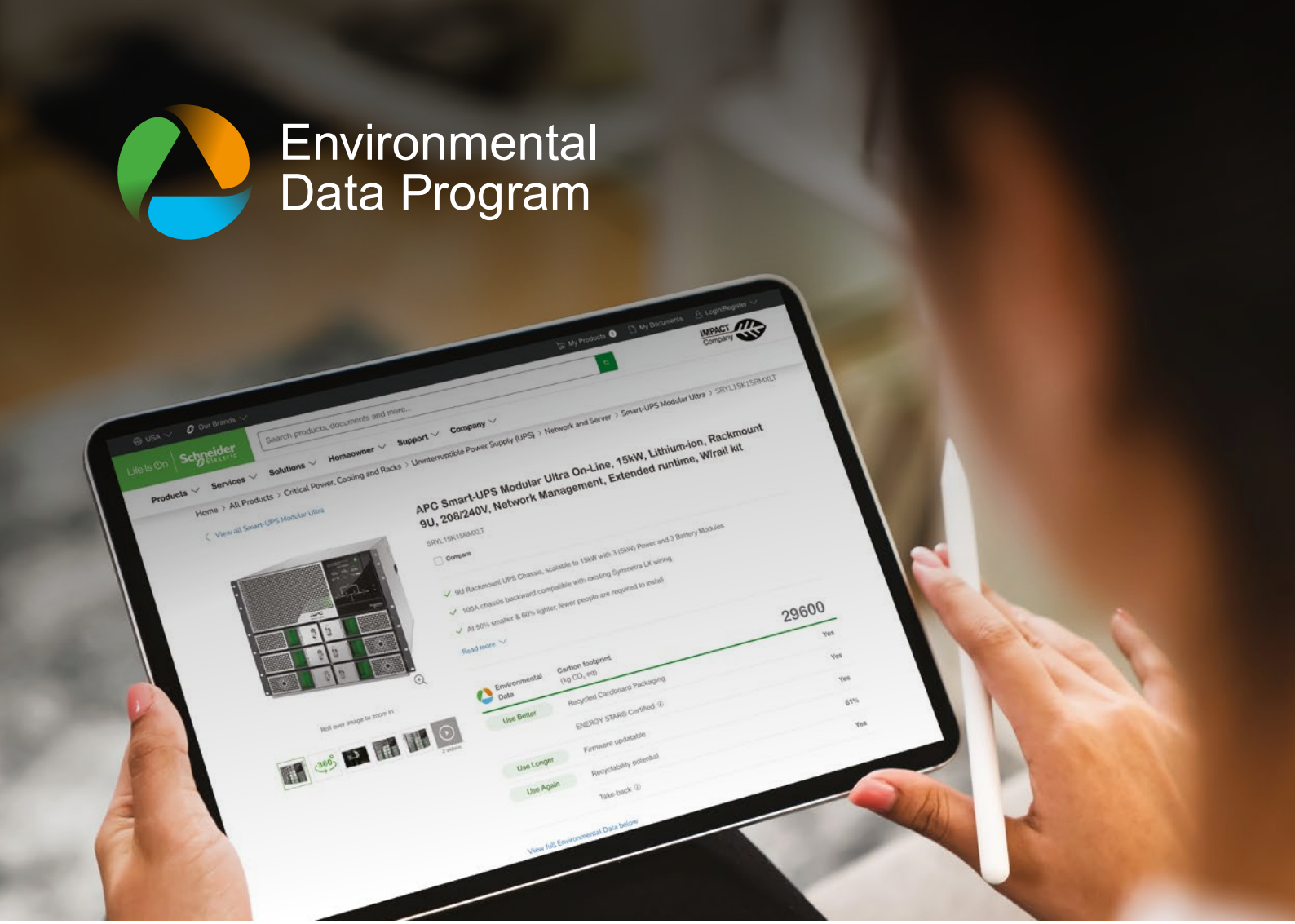
With sensors, apps, services, and a digital logbook, medium voltage equipment and circuit breakers with embedded condition monitoring unlock state of the art capabilities that give you insight into your facility's electrical distribution.

Customizable for the perfect fit

Designed to be modular, flexible, and easily upgraded, MV switchgear and circuit breakers in both Primary and Secondary power distribution applications have a scalable range of connectivity tiers, to fit to your growing needs.

Whether you start with the standard Active equipment with essential monitoring features such as thermal monitoring, or opt for state of the art Active Plus package, the comprehensive monitoring and control features are easily scaled to your evolving needs.

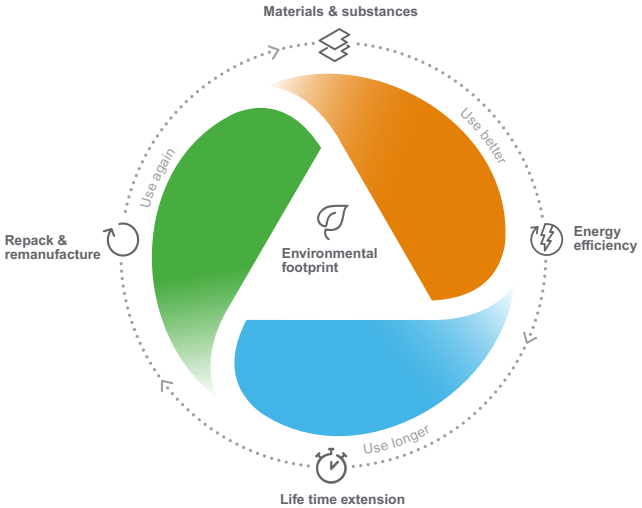
Environmental Data Program



Next-level transparency for better-informed product choices

The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products. Using a rigorous, fact-based methodology, the program provides environmental data from across the product lifecycle.

Five data categories across the product lifecycle



Use Better: How sustainable a product is, including environmental footprint, materials and substances, packaging, and energy efficiency.

Use Longer: How a product's life time can be effectively extended in terms of repairability and updatability.

Use Again: How a product can be reused, from dismantling and remanufacturing to recyclability and manufacturer take back.

With this transparent, verified data, customers and partners are empowered to make conscious environmental choices and accurately evaluate and report on sustainability performance.

All our hardware offers have an associated environmental data available on se.com product pages.

Learn more about the Environmental Data Program

Scalable and ready for everything

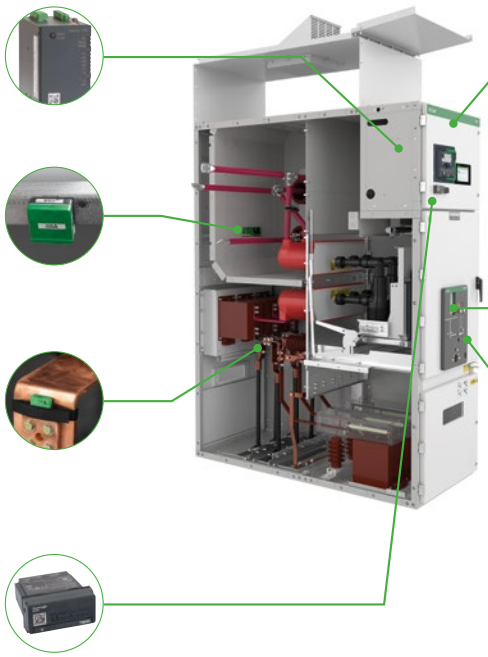
MV Active switchgear sets a new standard with natively digital features to simplify asset management and daily operations.
Scalable monitoring and control features are combined with EcoCare membership which creates the ultimate support package to help you get the very best from your equipment with recommendations to keep your business running smoothly.

Internal arc detection
Optical light sensors allow relays to clear internal arc conditions faster, to decrease risks for operators and potential equipment damage

Environmental monitoring
Wireless sensors monitor installation conditions, detect ambient temperature and humidity that may accelerate aging

Thermal monitoring
Wireless sensors help detect temperature anomalies prompting diagnosis of potential faults, fire risks and maximizing uptime

Partial discharge monitoring
Optional expert-driven Service to continuously monitor and detect abnormal activity linked to insulation degradation



Switchgear HMI
Optional local display of the latest status, health conditions and alarms

Comprehensive breaker health
Enhanced monitoring of entire circuit breaker, wear, speed and component health status

Local or Remote Control
Digital operation of CB Open/ Close and racking from outside of the arc flash zone

EcoCare Membership(1)
Get the optimized condition monitoring, recommendations and support with a dedicated Service Plan.

(1) If EcoCare is not available in your region, leverage EcoStruxure Service Plan in your region.

Priority access to experts, remote monitoring and insights

Unlock today the potential of your connectable asset with EcoCare membership

With EcoCare membership, a next-generation service plan, you gain exclusive support for your equipment from day 1 and throughout its entire lifecycle. For minimal investment compared with your overall CapEx, you'll enjoy 24/7 remote monitoring and alarm management and access to technical expertise, on-site and remotely, as defined by service level agreement (SLA).

This proactive approach helps reduce the risk of unexpected downtime and related costs, while enhancing uptime, safety and efficiency of your operations. EcoCare membership helps:

- Reduce by up to 75 % electrical failure risk and unplanned downtime(1)
- Reduce by up to 40 % on-site maintenance activities and planned downtime costs(2)

A 3-tiered offer to cover all your needs

	EcoCare Essential	EcoCare Advanced	EcoCare Advanced+
Overview	**Available when you need us** As an EcoCare member you have **exclusive access to resources and expertise** to resolve issues faster and improve the resiliency and efficiency of your business and operations.	**Fully empowered** We **empower your teams** to run a resilient, safe, efficient, and sustainable operation by anticipating and remotely **helping you mitigate downtime events.**	**Optimized uptime** We anticipate risks of downtime to give you the **right support** at the right time, and we **optimize the lifecycle of your assets** to **maximize your business continuity.**
Key features	• Priority remote access to experts. • Exclusive EcoCare rates on all services. • On-site intervention SLA: standard or upgraded(3) • 24/7 monitoring and alarming for connected assets. • Extended warranty(4)	+ Consultancy from our experts, with advanced analytics.	+ Recommendations for dynamic maintenance. + Condition-based maintenance.

(1) Percentage non-contractual and based on our experience and expertise for the main root cause of electrical failure risk observed and for which Schneider Electric has developed solutions.
(2) Percentage non-contractual and based on the time between 2 manufacturer maintenance activities which can be extended by up to 2 years compared to a traditional calendar-based maintenance contract, from 3 to 5 years
(3) Maximum zone coverage and response times might vary
(4) Applicable for new and modernized equipment sold together with EcoCare Check with your local Schneider Electric Services representative

Medium Voltage Distribution Innovation in Air & Digital

Design by Schneider Electric

GM AirSeT

SureSeT

MCSeT

SM AirSeT

RM AirSeT

EvoPacT HVX

EasyPact EXE

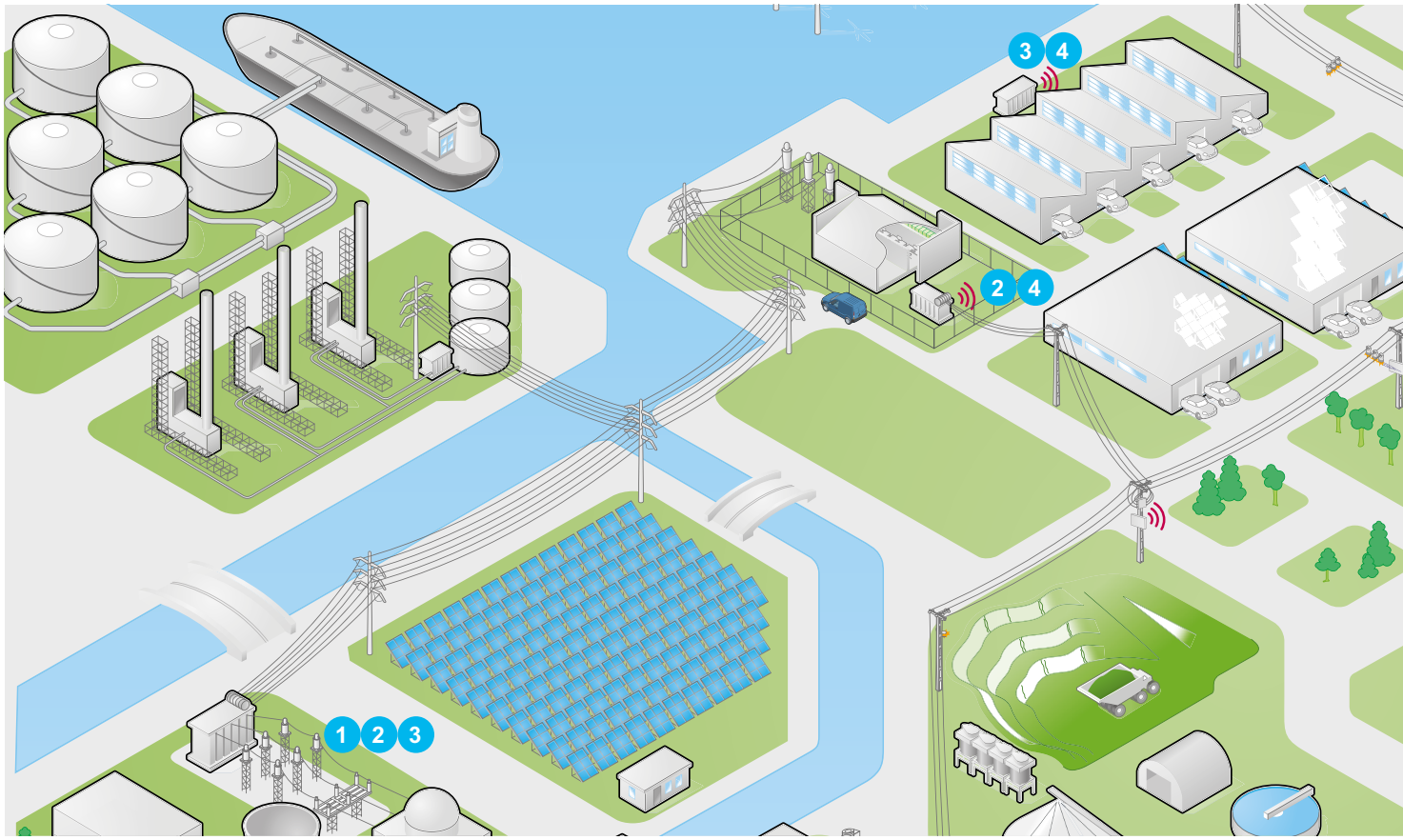
AirPacT

Contents

Find more information Here

from 7.2 kV to 170 kV

A



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Primary Switchgear (AIS, GIS)

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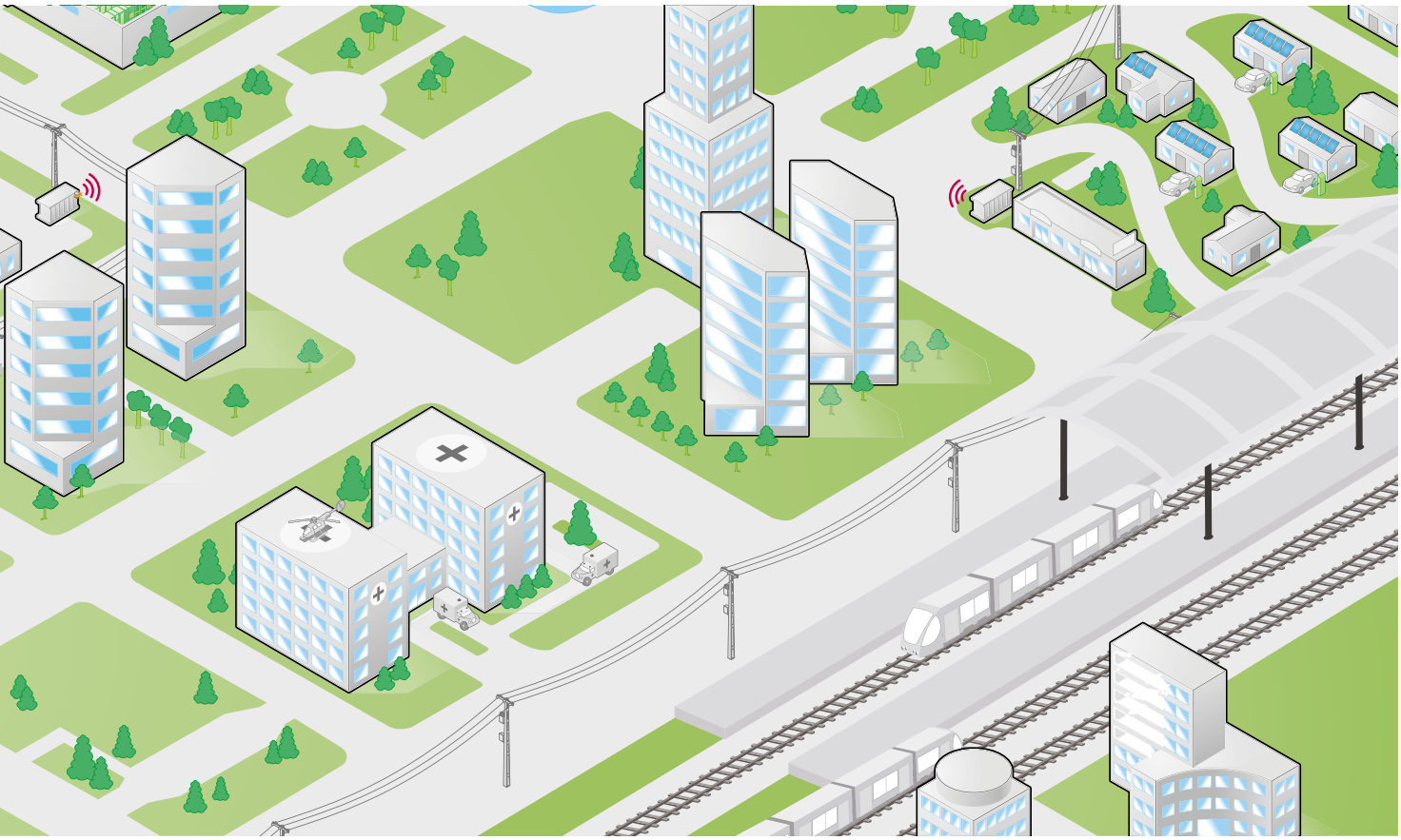
Protection, Monitoring, Metering and Control

Primary distribution network, secondary distribution network and protection



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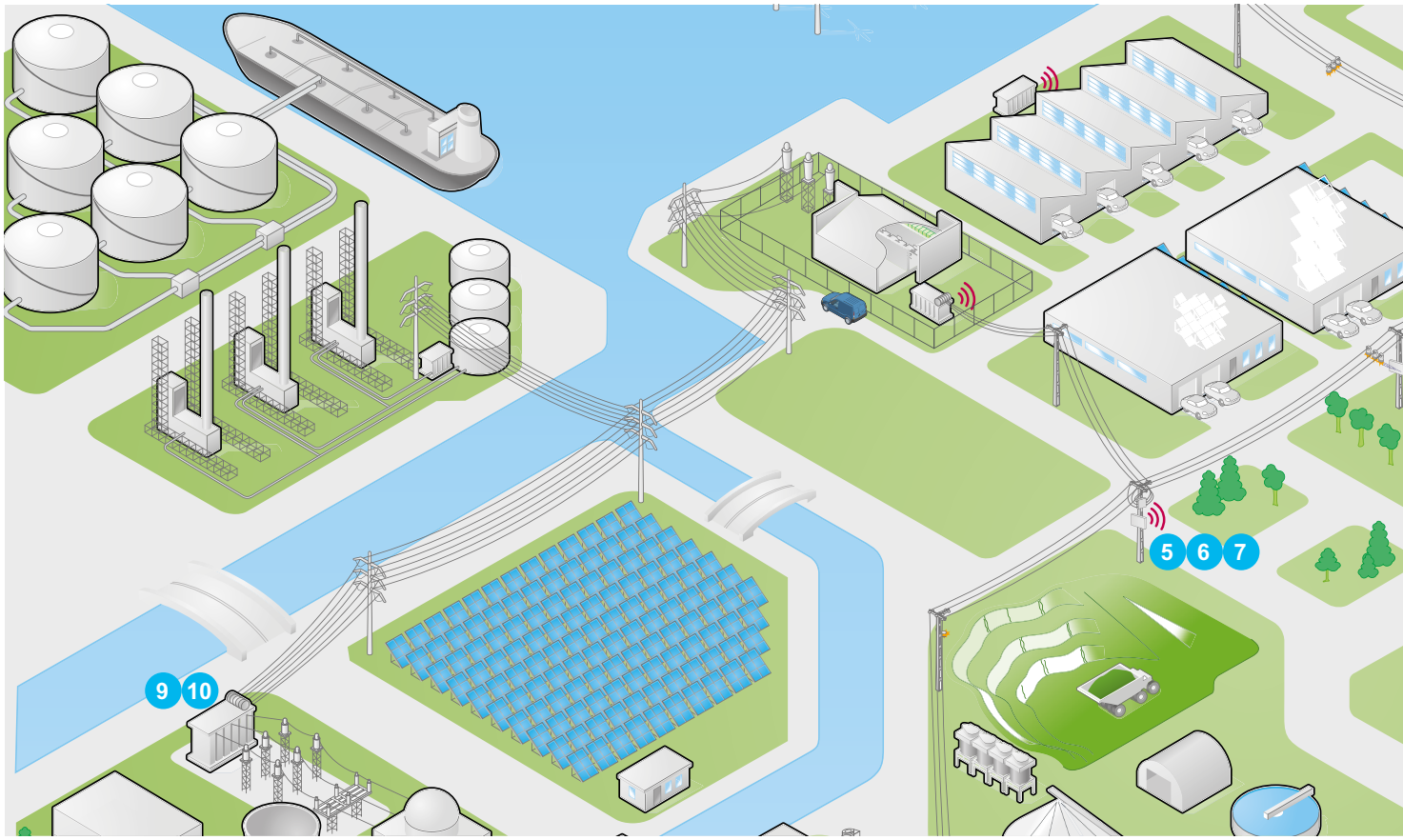
Secondary Switchgear (AIS, GIS)

Pure Air Secondary Switchgear (AIS/GIS)

Overhead distribution network, secondary distribution network, transformer and protection



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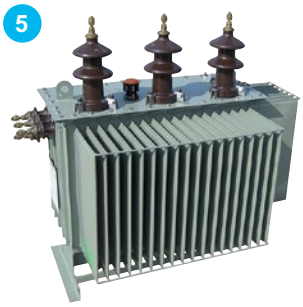

Pole-mounted transformers

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Pole-mounted switchgear

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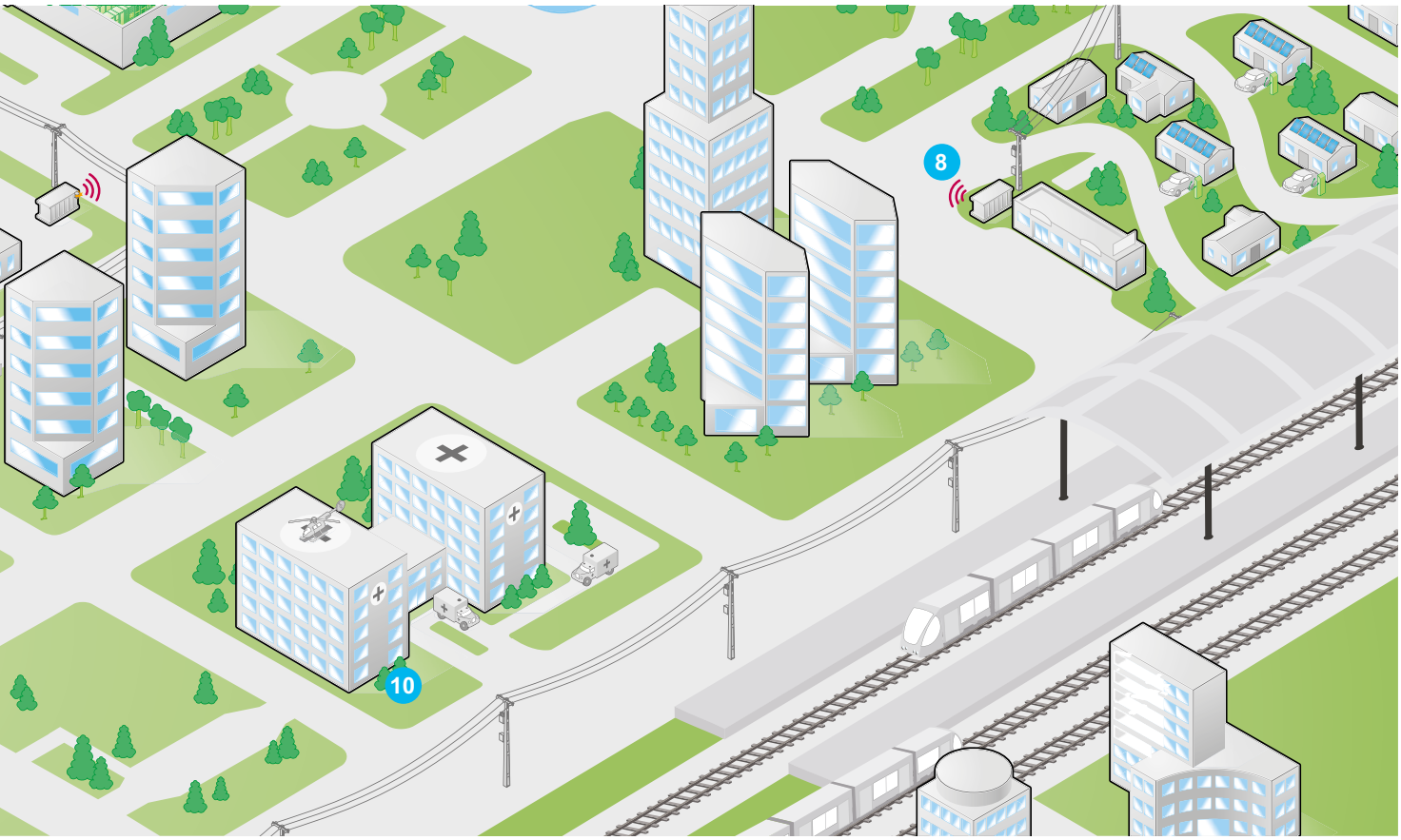
Fault Passage Indicators



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Distribution transformer

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Modular Switchboard (AIS, 2SIS)

SeT Series
Air Insulated Switchgear (AIS)

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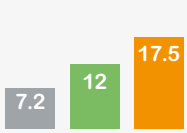
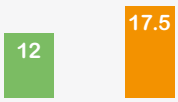
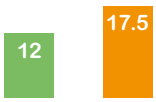
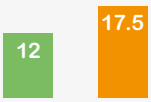
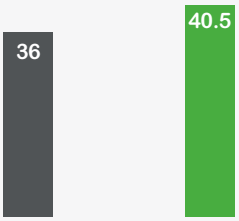
	Air Insulated Switchgear									
	 PM106661		 PM110940		 PM106187		 PM106186		 PM103575	
Product name	MCSet 17.5		MCSeT 24		PIX		PIX Easy		PIX 50 kA	
Rated voltage (kV)										
Internal Arc protection	LSC 2B PM				LSC 2B PM		LSC 2B PM		LSC 2B PM	
Max. rated short-circuit current	• 50 kA SF6 (7.2/12) • 40 kA SF6 (17.5)		31.5 kA Vacuum		40 kA Vacuum	31.5 kA Vacuum	31.5 kA Vacuum		50 kA Vacuum	
Max. rated current	31.5 kA Vacuum (12/17.5/24)		3 150 A		4 000 A	3150 A	2 500 A		• 4 000 A (PIX-50) • 5 000 A (PIX-H)	
Versions	• Withdrawable • EasyPact EXE vacumm circuit breaker • LF circuit breaker		EvoPacT HVX • Withdrawable • 24 kV		Withdrawable circuit breaker (EvoPact HVX)		• Withdrawable circuit breaker (EasyPact EXE) • 12/17.5 kV (Floor rolling) • 17.5 kV (Middle rolling)		Withdrawable circuit breaker (EvoPact HVX)	
Mounting	Indoor				Indoor		Indoor		Indoor	
Mechanism	Single busbar system				Single busbar system		Single busbar system		Single busbar system (PIX-50)	
Standards	• IEC • GOST		IEC		• IEC • GOST		IEC		• IEC (PIX-50/ PIX-H) • GB (PIX-H)	
Benefits										
	Sustainability • By embracing AIR & DIGITAL technologies, easy to recycle **Reliability** • Remote digital operations help reduce operator risk • High-quality design with an inner cradle for breaker operations • Optional arc-flash detection 24/7 **Efficiency** Digitally native solutions • Modular, flexible, and easily upgraded • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan				**Sustainability** • By embracing AIR & DIGITAL technologies, easy to recycle **Reliability** • It is designed for extended use under harsh environment • User-friendly and ergonomic operator interface to avoid any misuse • Minimal maintenance **Flexible & Easy to use** • Efficient tools helping you to save time at every step • Front and rear cable access for flexible installations		**Sustainability** • By embracing AIR & DIGITAL technologies, easy to recycle **Efficiency and simplicity** • Compact dimensions • Easy access to compartments, means simpler operations and maintenance **Reliability** • Maximising service continuity to minimise downtime • Busbar segregation between cubicles (optional)		**Sustainability** • Environmentally compatible, easy to recycle **Flexibility** • Space saving, flexible cubicle width and back-to-wall installation **Reliability** • Comprehensive interlocking, with all operations from the front	
Catalog link										
Web link										

SeT Series
Air Insulated Switchgear (AIS)

	PIX RoF	GenieEvo	Fluair F400	DNF7	SureSeT	Masterclad
	 PM103306	 PM108968	 PM108500	 PM111553	 PM109365	 PM111281
	 12 17.5	 13.8	 36 40.5	 36 / 40.5	 15	 27
	LSC 2B PM	LSC 2A-PM	LSC2B-PM	LSC2B-PM		
	31.5 kA Vacuum	25 kA Vacuum	• 31.5 kA Vacuum 31.5 kA SF6 • 40 kA SF6	31.5 kA	40 kA	40 kA Vacuum
	2 500 A	2 500 A	2 500 A 1 250 A	3 150 A	2 000 A	2 000 A Vacumm
	Withdrawable circuit breaker (EasyPact EXE)	Fixed circuit breaker (EasyPact EXE)	Withdrawable • EvoPact HVX vacumm circuit breaker • SF circuit breaker	Withdrawable • EvoPact HVX vacumm circuit breaker • FP circuit breaker	Withdrawable (EvoPacT ANSI)	
	Indoor	Indoor & Outdoor	Indoor	Indoor		Indoor & Outdoor
	Single busbar system	Single busbar system	Single busbar system	Single busbar system	Single busbar system	Single busbar system
	IEC	• IEC • BS	• IEC • GOST	• IEC (36 kV) • GB (40.5 kV)	• ANSI • IEEE	• ANSI • IEEE
	Sustainability • By embracing AIR & DIGITAL technologies, easy to recycle **Simplicity** • Easy access to all compartments **Reliability** • Maximizing service continuity to minimize downtime	**Reliability** • Highly resistant to ambient conditions **Efficiency** • Cost efficient **Digitally native solutions** • Options with scalable sensors, condition monitoring and control features • Optimised predictive maintenance and reduce unplanned downtime with EcoStruxure Service Plan	**Flexibility** • Range well known with two switching technologies - Same operations for two breaking technologies, vacuum, and SF6 • Mechanical and electrical interlocks embedded to enhance operator safety **Reliability** • Maintenance and operating cost savings	**Simplicity and reliability** • Ingress protection IP4X • All operations performed with doors closed • Cassette type withdrawable circuit breaker • Compact dimension - 1200 mm up to 2500 A	**Sustainability** • By embracing AIR & DIGITAL technologies, easy to recycle **Efficiency** **Digitally native solutions** • Remote digital operations help reduce operator risk • Optional arc-flash detection 24/7 • 24/7 monitoring of equipment health and performance • 25% smaller installation footprint for space savings **Reliability** • Tested to 3x normal industry standard	**Simplicity and ease of use** • Front-accessible design, removable circuit breaker modules, and integrated diagnostic tools **Reliability and flexibility** • Built to withstand harsh environmental conditions • Flexible configuration and easy expansion of the electrical system

SeT Series
Gas Insulated Switchgear (GIS)

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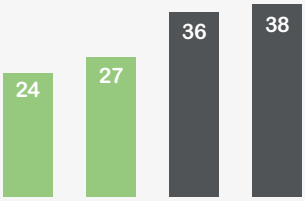
	Gas Insulated Switchgear (GIS)			
				
Product name	GM AirSeT	GM AirSeT Performance	GMA	GHA
Rated voltage (kV)	12 / 15 / 17.5 / 24	12 / 15 / 17.5 / 24	12 / 15 / 17.5 / 24	12 / 17.5 / 24 / 36 / 38 / 40.5
Internal Arc protection	IAC AFL	IAC AFL/AFLR		
Max. rated short-circuit current	25 kA Vacuum	25 kA Vacuum	31.5 kA Vacuum	40 kA Vacuum
Max. rated current	1 250 A	1 250 A	2 500 A	• 2 500 A • 4 000 A (on request)
Versions	Fixed	Fixed	• Fixed • Mainly with C.B. but also switch-disconnector functions	Fixed
Mounting	Indoor	Indoor	Indoor	Indoor
Mechanism	Single busbar system	Single and double busbar system	Single busbar system	Single and double busbar system
Standards	IEC	IEC	• IEC • GOST • GB	• IEC • ANSI • GB • CSA • Railways application
Benefits				
	Sustainability • By embracing AIR & DIGITAL technologies, easy to recycle SF6-Free range • Expected service life 40 years **Reliability** • Vacuum interrupter breaking • Harsh environment withstahnd • Factory assembled, type tested 'plug and play' **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan **Efficiency** • Easy to install and extend, no gas handling on site	**Sustainability** • By embracing AIR & DIGITAL technologies, easy to recycle SF6-Free range • Expected service life 40 years **Reliability** • Vacuum interrupter breaking • Harsh environment withstahnd • Factory assembled, type tested 'plug and play' **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan **Efficiency** • Easy to install and extend, no gas handling on site	**Simplicity** • Compact and simple design to optimize room dimensions • Cost-effective GIS switchgear • Cubicles all accessible from the front **Enhanced protection** • Designed for reduced risk while operating • Internal Arc compliant to IAC AFL 1s as standard • IP 65 protection of the gas-filled compartments with live components **Reliability** • Clear operating interface, embedded mechanical interlocks & disconnectable VTs • Factory assembled, type tested 'plug and play' **Efficiency** • Easy to install and extend, no gas handling on site	**Simplicity** • Compact and simple design to optimize room dimensions • Flexible installation • Ready-to-connect **Protection** • Intelligent Gas-Density System • Designed for reduced risk while operating • Internal Arc compliant to IAC AFL 1s as standard **Reliability** • Vacuum interrupter breaking • Harsh environment withstahnd • Factory assembled, type tested 'plug and play' **Efficiency** • Easy to install and extend (B-Link busbar), no gas handling on site
Catalog link				
Web link				

SeT Series
Gas Insulated Switchgear (GIS)

	CBGS-0	CBGS-2	WS	WI	WI72
	 PE90697	 PM111365	 PM108191	 PM108193	 PM108765
					
					AFLR-C
31.5 kA Vacuum & SF6	25 kA SF6	31.5 kA Vacuum	31.5 kA Vacuum	25 kA	
2 000 A	2 000 A	2 500 A	2 500 A	62.5 kA	
• Fixed • Mainly with C.B. but also switch-disconnector functions	Fixed	Fixed	Fixed	Fixed	
Indoor	Indoor	Indoor	Indoor	Indoor	
Single busbar system	Single and double busbar system	Single and double busbar system	Single and double busbar system	Single and double busbar system	
• IEC 24/36 kV • IEEE 27/38 kV (cULus) • ENA & CSA (cULus)	IEC	• IEC • GOST • GB	• IEC • GB	IEC	
Simplicity • Compact base form factor with 24" width up to 38 kV • Up to 70% footprint savings versus AIS designs • Designed for front access only **Enhanced protection** • No exposed live medium voltage components • Reduced likelihood of arc flash or phase to phase faults **Efficiency & Reliability** • Live parts encapsulated in sealed for life enclosures or with solid insulation • Minimally affected by environmental condition, vermin, or dust • Monitoring equipment included for each gas compartment	**Enhanced protection** • No exposed live medium voltage components • Reduced likelihood of arc flash or phase to phase faults • Operating safety (interlocks), IAC tested **Efficiency & Reliability** • Live parts encapsulated in sealed for life enclosures or with solid insulation • Minimally affected by environmental condition, vermin, or dust • Monitoring equipment included for each gas compartment **Cost saving** • Investment optimisation: space savings, maintenance savings, etc.	**Enhanced protection** • No exposed live medium voltage components • Reduced likelihood of arc flash or phase to phase faults • Operating safety (interlocks), IAC tested **Efficiency & Reliability** • Insensitive to environmental influences • Long service life and low maintenance • Space-saving modular design	**Enhanced protection** • No exposed live medium voltage components • Reduced likelihood of arc flash or phase to phase faults • Operating safety (interlocks), IAC tested **Efficiency & Reliability** • Insensitive to environmental influences • Space-saving modular design • Reliable indication and interlocking	**Enhanced protection** • Minimum SF6 quality • Protection degree to IP54 **Efficiency & Reliability** • Cable connection with up to 3 cables per phase

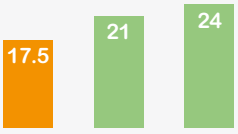
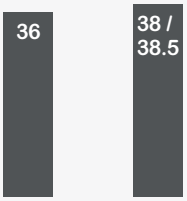
Secondary Distribution Switchgear

SeT Series
Air Insulated Switchgear
Gas Insulated Switchgear

	Air Insulated Switchgear			Solid Shielded Insulated Switchgear (SSIS)
	 PM109040	 PM108602		 PM100017
Product name	SM AirSeT	SM6		PremSeT
Rated voltage (kV)	7.2 / 12 / 17.5 / 24	7.2 / 12 / 17.5 / 24 / 36		7.2 / 12 / 17.5
Internal Arc protection				
Max. rated short-circuit current	20 kA Pure Air	25 kA SF6, Vacuum CB	25 kA SF6, CB	25 kA Vacuum LBS, CB and transformer protection
Max. rated current	400-630 A	• 400 A • 630 A • 1 250 A		1 250 A
Versions	• SF6-free, pure air • Complete system of modular cubicles	Complete system of modular cubicles		Compact modular switchgear with 3-in-1 architecture for breaking disconnection and earthing
Mounting	Indoor	Indoor		• Indoor • Outdoor (only available for ANSI version)
Mechanism	3-position switch-disconnector	3-position switch-disconnector		
Standards	• IEC • UTE • GB	• IEC • GB		• IEC • ANSI • GOST • GB
Benefits				
	Sustainability • By embracing AIR & DIGITAL technologies, easy to recycle SF6-Free range • Expected service life 40 years **Enhanced protection** • Arc flash internal arc active protection Internal arc withstand AFLR 20 kA-1s **Reliability** • Shunt Vacuum Interruption breaking 3 Position Switch Disconnector • 10 000 operations (x10 vs IEC Std) **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan **Efficiency** • Modular functions, easy to install and extend, compliant with SM6 range	**Enhanced protection** • Arc flash internal arc active protection Internal arc withstand AFLR 20 kA-1s **Reliability** • Significant installed base **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan: 24/7 connected sensors provide early detection of hot-spots, condensation or CB health **Efficiency** • Modular functions, easy to install and extend, (compliant with SM AirSeT swithgear)		**Sustainability** • SF6-Free range • No gas recovery **Enhanced protection** • Internal arc withstand AFLR 25 kA-1s **Reliability** • All live parts are insulated and screened to reduce risks in service life, Suitable for harsh environments **Efficiency** • Simple, flexible, modular, and functional: SSIS technology makes it simple to install and use, with operator-friendly switchgear and optimized service • Suitable for datacenters applications
Catalog link				
Web link				

SeT Series
Gas Insulated Switchgear

Gas Insulated Switchgear

RM AirSeT	RM6	FBX	Ringmaster	DVCAS
 PM109430	 PM108338	 PM103926	 PE90702	 PM108164
				
20 kA pure air	25 kA SF6, CB - SF6 LBS	20 kA SF6, CB - SF6 LBS	25 kA Vacuum, CB, SF6, LBS	21 kA Vacuum, CB, SF6, LBS	21 kA SF6, CB - SF6 LBS	25 kA Vacuum, CB, SF6, LBS
630 A	630 A	630 A	630 A	630 A
SF6-free, pure air	Compact and modular switchgear combining all MV functional units	Compact and modular switchgear combining all MV functional units	Compact and modular switchgear combining all MV functional units	Wind dedicated modular switchgear combining all MV functional units used in wind farms
Indoor	Indoor	Indoor	Indoor & Outdoor	Indoor & Outdoor
3-position switch-disconnector				
• IEC • GB	IEC	IEC	IEC	• IEC • IEEE / ANSI • CSA
Sustainability • By embracing AIR & DIGITAL technologies, easy to recycle SF6-Free range • Expected service life 40 years **Enhanced protection** • Pressure arc killer IAC active protection • Internal arc withstand AFLR 20 kA-1s **Reliability** • Shunt Vacuum Interruption breaking • 10 000 operations (x10 vs IEC Std) **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan **Efficiency** Easy to install and extend. • Flexibility of functions inside the RMU tank • Suitable for renewable energy	**Enhanced protection** • Internal arc withstand AFLR 20 kA-1s • Pressure arc killer IAC active protection **Reliability** • Significant installed base • Suitable for harsh environment and service continuity **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan: **Efficiency** Easy to install. • Network management by RTU • Suitable for renewable energy	**Enhanced protection** • Internal arc withstand AFLR 20 kA-1s **Reliability** • Suitable for harsh environment and service continuity **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan: **Efficiency** Easy to install. • Network management by RTU • Suitable for renewable energy	**Enhanced protection** • Fully certified internal arc design in accordance with the latest international standards. **Reliability** • High reliability in the harshest environments • High performance, switch rated up to 5000 mechanical operations **Efficiency** • Flexible, compact dimensions, cost-effective • Unique Indoor/ outdoor design • Network management by RTU	**Enhanced protection** • Internal arc withstand AFLR 20 kA-1s **Reliability** • Suitable for harsh environment and service continuity **Natively digital** Options with scalable sensors, condition monitoring and control features according to your facility's needs. • Optimised predictive maintenance and reduce unplanned downtime with EcoCare Service Plan: **Efficiency** Easy to install • Network management by RTU • Suitable for renewable energy up to 36 kV

D

SeT Series

Dry Type Distribution Transformers
Oil Distribution Transformers
Medium Power Transformers

	Dry Type Distribution Transformers	Oil Distribution Transformers		Medium Power Transformers
	 PE90780	 PE90841	 PM109902	 PE90735
Product name	Trihal	Minera Groud mounted	Minera Pole-Mounted	Minera MP
Rated HV insulation (kV)	36	36	36	170
Max. rated power	15 MVA	3.15 MVA	0.5 MVA	100 MVA
Mounting	Indoor and outdoor	Indoor and outdoor	Outdoor	Indoor and outdoor
Standards	IEC	EN 50588/60076		
Features and application				
	• Cast resin dry transformer. • Indoor: IP31 • Outdoor: IP44 • Highly rated to standards for environmental, climate and fire resistance • Include condition monitoring and other digital tools to enhance Connectivity and Safety	• Ground-mounted and pole-mounted oil immersed transformer • Three-phase units	• Pole-mounted oil immersed transformer • Phases: three-phase units (single-phase available on request)	• Hermetically sealed or breathing with conservator • Low flammability dielectric liquids (Vegeta or Siltrim ranges) • High capacity of cooling options such as ONAN, ONAF, OFAF or OFWF, (also with K class insulating oil)
Catalog link				
Web link				

Decarbonizing and electrifying faster with Schneider Electric Services

E

Our capabilities are packaged into a suite of integrated services offers.

Asset Management Strategy — **EcoConsult** — *Range of consulting services to design your asset management strategy and optimize your systems*

DESIGN → BUILD → OPERATIONS → MAINTENANCE → UPGRADE

Active Electrical Assets & Systems

Digital ready equipment at CapEx phase

EcoCare

Condition Maintenance · Premium Support · 24/7 Monitoring · Membership Benefits

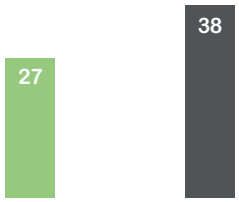
EcoFit™

Circularity, Repairability

digital modernization and circularity services to extend the life of your assets to achieve your decarbonization targets

Cutting-edge Electrical Distribution Assets	Pioneering AI engine & Data models	State-of-the-art IOT platforms & software	Unique network of services experts
#1 largest electrical asset installed base in the world	*#1 most cumulative data set on electrical assets* *150 Connected Service Hub experts monitoring electrical assets 24/7* *+300 In-house Data Scientists in AI Hubs*	*EcoStruxre IoT platform deployed in +480,000 Sites*	*#1 largest network of electrical engineers in the world* *+6,000 in-house electrical experts*

SeT Series
Outdoor Switchgear
Pole mounted switchgear & Reclosers

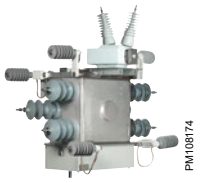
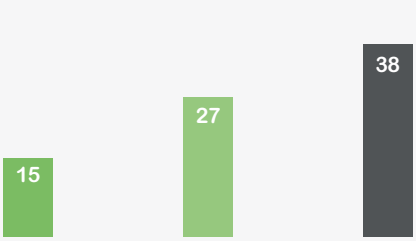
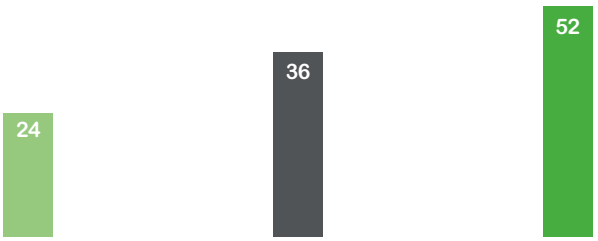
	Pole-Mounted Controller	Pole-Mounted Switchgear	
	 PM110560	 PM110559	 PM110557
Product name	PowerLogic ADVC Controller	PMSet E-Series	PMSet U-series
Rated voltage (kV)			
Max. rated short-circuit current		16 kA	12.5 kA, Vacuum / Epoxy
Max. rated current		800 A	630 A
Standards	• IEC • ANSI	• IEC • IEEE/ANSI	
Technical characteristics			
	• 8 inputs, 8 outputs: optional • Battery: 7 Ah, or 12 Ah • Auxiliary power supply: 115/230 V AC • Dual AC power supply: optional • VT supply via switchgear: optional • DC power supply: optional	• Recloser • Remote controlled with ADVC controller • Advanced protection, monitoring, metering, control, communications and power quality	• Recloser • Remote controlled with ADVC controller • Advanced protection, monitoring, metering, control, communications and power quality
Catalog link			
Web link			

F

SeT Series

Outdoor Switchgear

Pole mounted switchgear & Reclosers

Pole-Mounted Switchgear	
 PE907711	 PM108174
RL series	PM6
	
16 kA SF6	12.5 kA SF6
630 A	630 A
• IEC • ANSI	IEC
• Load break switch • Remote controlled with ADVC controller • Manual or automatic load break switch • Sectionalizer capabilities on voltage and current	• Load break switch • Remote controlled with Easergy T300P control unit • Manual or automatic load break switch • Sectionalizer capabilities

F

PacT Series
Vacuum Circuit Breakers

	EvoPacT HVX	EasyPact EXE	EvoPact HVX Embedded pole	EvoPact HVX Assembled Pole
	 PM110672	 PM109603	 PM109084	 PM108885
Rated voltage (kV)	24	12 / 17.5	12 / 17.5 / 24	12 / 17.5 / 24
Max. rated short-circuit current	31.5 kA	31.5 kA / 31.5 kA	50 kA / 50 kA / 31.5 kA	50 kA / 40 kA / 31.5 kA
Max. rated current	2 500 A	2 500 A	4 000 A (1) / 4 000 A (1) / 2 500 A	3 150 A / 2 500 A / 2 500 A
Versions	• Fixed • Withdrawable	• Fixed • Withdrawable	• Fixed • Withdrawable	• Fixed • Withdrawable
Number of poles	3P	3P	3P	3P
Mechanical switching cycles (ON/OFF)	30 000	10 000	10 000	10 000
Mounting	Frontal	Frontal	Frontal	Frontal
Mechanism		Conventional spring	Conventional spring	Conventional spring
Standards	• IEC • GB	• IEC • GOST	• IEC • GB (Chinese) • GOST (2)	• IEC • ANSI
Benefits				
	• Longer service life • More uptime • Reduced risk • Newest IoT sensors embedded	• Kit and web ordering • Attractive price • Better safety • Opex optimization (thermal sensors replace infrared thermography) • Service enabler for Partners	Embedded pole for better dielectric & environmental pollution withstand (1) Need forced cooling (2) Only 36 kV & 40.5 kV	• Compact design • Enhanced safety features • Flexible application options
Catalog link				
Web link				

G

PacT Series
Vacuum Circuit Breakers

EvoPact HVX-O	VA	VAH	VXA, VXB	VR
 PM109900	 PM108195	 PM106142	 PM108196	 PM111370
 36	 12  17.5  24  38	 12 13.8  17.5	 17.5  27.5	 4.76  27
31.5 kA	50 kA 40 kA 31.5 kA 40 kA	63 kA 63 kA 63 kA	40 kA 31.5 kA	63 kA
2 000 A	3 150 A 2 500 A 2 500 A 2 500 A	5 000 - 8 000 A*	2 500 A 2 000 A	4 000 A
• Fixed • Withdrawable	Fixed	Fixed	• Fixed • Withdrawable	Withdrawable
3P	3P	3P	1P or 2P	3P
10 000		10 000		10 000
Frontal		Frontal		Frontal
Conventional spring		Conventional spring		
IEC		• IEC • ANSI • IEEE C37.013	Railway applications only	ANSI
• Web Ordering • Attractive price • Better Safety • Ease in Rack-in & Rack-Out operation • Compact design (254 mm PD)	• Economical and compact design • Ergonomic layout for easy operation • Robust construction for long life • Minimum maintenance • Standard breakers and special breakers within the VA range • State-of-the-art vacuum interrupters and operating mechanisms	• Extremely robust design • Optimized maintenance	• Proven experience • Cost-effective solution • Extremely robust construction • Compact design • Flexible integration into switchboards • High number of mechanical and electrical switching cycles	Breaker operates with short fault clearing time of 3 cycles (50 milliseconds)

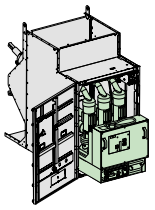
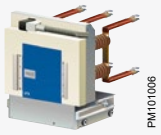
G

PacT Series
SF_6 Circuit Breakers

	VXC (vacuum circuit breaker)	EvoPact LF	EvoPact SF
	 PM106143	 PE57191	 SF1 PE56504  SF2 PE56501
Rated voltage (kV)	24 / 36 / 38	12 / 17.5	12 SF1 / 17.5 SF1 / 24 SF1 / 36 SF1 & SF2 / 40.5 SF2
Max. rated short-circuit current	25 kA / 31.5 kA / 40 kA	50 kA / 40 kA	25 kA (SF1) / 25 kA (SF1) / 25 kA (SF1) / 25 kA (SF1) / 40 kA (SF2) / 31.5 kA (SF2)
Max. rated current	2 500 A / 2 500 A / 4 000 A	3 150 A	1 250 A (SF1) / 1 250 A (SF1) / 1 250 A (SF1) / 1 250 A (SF1) / 3 150 A (SF2) / 2 500 A (SF2)
Versions	• Fixed • Withdrawable	• Fixed • Withdrawable	• Fixed Circuit Breaker • Front or side mounting
Number of poles	3P	3P	3P
Mechanical switching cycles (ON/OFF)	25 000	10 000	10 000
Mounting	Frontal	Frontal	• SF1: frontal and lateral • SF2: frontal
Mechanism	Conventional spring	Conventional spring	Conventional spring
Standards	IEC	• IEC • GOST	IEC
Benefits			
	• Extremely robust and simple construction • Extra high mechanical and electrical switching capacity • Designed for high operating cycles • Minimum maintenance	• Referenced product for Nuclear Power plants • Marine solutions certified • Seismic version available	• Integrated VIP trip unit (without auxiliary power supply) • Well suited for capacitor bank and inductive load applications
Catalog link			
Web link			

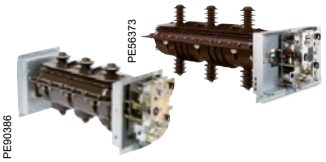
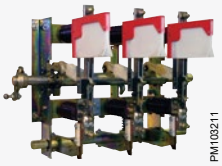
G

PacT Series
Cradle

	L-Frame Cradle		MC Cassette			PMX Cradle			M1-M2 Cradle	
	 PM105644		 PM108893			 PE90241			 DE57396	
Rated voltage (kV)	12	17.5 / 24	7.2	12	17.5	12	17.5	24	36	40.5
Max. rated short-circuit current	50 kA	31.5 kA	50 kA			31.5 kA	25 kA	25 kA	40 kA	31.5 kA
Max. rated current	3 150 A	2 500 A	3 150 A			5 000 A	4 000 A	3 150 A	2 500 A	1 250 A
Versions	With and without earthing switch		With earthing switch in option			Withdrawable			Without earthing switch	
Number of poles						3P				
Recommended cubicle width	650 - 1 000 mm	800 - 1 000 mm	570 - 900 mm			650 - 1 000 mm			1 100 mm	
Integration of switching device	HVX Embedded Pole + EasyPact EXE		LF + EasyPact EXE			HVX Assemble pole + CVX MTX+UTX			SF	
	 PM109084  PM108877		 PE58239  PM108877			 PM101005  PM101006			 PM108519	
Benefits										
	Fully assembled by Schneider Electric		Full type tested solution including internal arc protection with MV door			• Cost-effective solution • Easy integration into switchgear panel designs • Robust construction for long life • Compatible with all Schneider Electric mobile parts • Wide range of options • Safe and secure interlocking			Two different arrangements for HV connection using the upper and lower bushings	
Catalog link										
Web link										

G

PacT Series
Switch and Disconnectors

	AirPacT	LBSkit		LTRI5-TRI		
						
Function	Indoor load break switch, disconnector and accessories					
Rated voltage (kV)	24	24	36	12	17.5	24
Max. rated short-circuit current	20 kA (1 250 A, available in Q3 2022) 25 kA, available in Q4 2022	25 kA/1 s	25 kA/1s	50 kA	50 kA	40 kA
Max. rated current	630 A	1 250 A	1 250 A	2 500 A	2 500 A	1 600 A
Mechanical switching cycles (ON/OFF)	• Switch, Switch Fuse - 10 000 operations (M2 class) • Disconnector - 1 000 operations					
Standards	• IEC • GB	IEC				
Benefits						
	• Pure air to go SF6-free and future proof against regulatory considerations on gases • No toxic byproducts from breaking in gas • Easy to adopt for panel builders familiar with LBS Kit and for end users thanks to familiar operations • Easy & flexible to upgrade to reduce assembly time and offer late differentiation • Compact: AirPacT allows panel builders to build space-efficient medium voltage cubicles • Easy & flexible to upgrade to reduce implementation time and supply interruptions during installation on the user site • End-of-life peace-of-mind with pure air as no SF6 recycling treatment & costs • Optimized for harsh environment • High performance for greater renewables intake with CompoDrive operating mechanism	• Insensitive to environment • Reduced maintenance • Advanced support and service options available • Easy integration into various medium voltage switchgear configurations		• High reliability and long service life • Extensive operational experience, different versions available • Easy installation (simple mechanism) • Friendly environmental (oil & SF6 free) • Space-saving thanks to a compact design • Robust construction (epoxy and low number of moving parts) • Drive spring corrosion protected		
Catalog link						
Web link						

G

PowerLogic Tag Series
Smart Sensors

	TH110	CL110
	 PM106090	 PM106932
Main characteristics	• Wireless sensors for continuous thermal monitoring of critical connections such as cables, withdrawable CBs and busbars • Self-powered by electrical field • Measurement of in-contact temperature • Local App to replace periodic infra-red scans (Android Tablet or Smartphone) • Available in various Schneider Electric equipment • Retrofit service available with Asset Connect	• Wireless sensor for continuous environmental monitoring of a switchgear cabinet (de-energized surface) • Measurement of surface Temperature and Relative Humidity • Battery-powered with high-strength magnetic installation • Detect installation conditions of deterioration or premature ageing due to moisture or pollution • Available in various Schneider Electric equipment • Retrofit service available with Asset Connect
Benefits		
	• Battery-free • Wireless communication • In-contact measuring point • Small size with easy Installation • Remote monitoring and alarms • Reduce risks & prevent connection failures • Minimize unplanned downtime	• Long battery life • Wireless communication • In-contact or in air measuring point • Relative Humidity measurement • Easy Installation with magnetic base • Remote monitoring and alarms • Reduce premature ageing • Minimize unplanned downtime
Web link		

G

PowerLogic Tag Series
VDIS and Partial Discharge Monitoring

	VDIS	Partial Discharge Monitoring (PD100)
	 PM110040	 PM110599
Main characteristics	• Voltage detecting and indicating system in compliance with the IEC 62271-213: 2021 standard • 35 references available to adapt to all applications • Voltage Output option to provide • Voltage signal to Flair 2xD / VD23 or T300 SC150 module through an adapter	• Network voltage presence indication by LEDs: High reliability, very long life time • Connectors on front panel allowing the use of Phase Concordance Unit • On Voltage Output versions, four wires allowing to provide Voltage sensing to T300 SC150 module, VD23 voltage presence relay or Flair 2xD • Fault Passage Indicators
Benefits		
	Safety • Cost-effective voltage sensing to use in advanced smart grid applications • Avoids the injection of current or voltage signals, thanks to the use of a Phase Concordance Unit (PCU) **Simplicity** • Easy to use with Phase Concordance Unit compliant with IEC 62271-215 standard • LED indication with an extended lifetime **Reliability** • Harsh environment design • Voltage sensing from basic (Voltage relay) to advanced functions (directional detection)	• Direct and accurate partial discharges measurement following IEC 60270 approach • Advanced algorythm removing the background noise and calculating the risk based on the trend and correlated with the ambient temperature measured by the CL110 sensor • Detects anomalies early to prevent unplanned downtime • Remote monitoring and alarming • Easy installation with no calibration needed • Complete solution powered by cloud services and remote expertise • Compact footprint with DIN size format • One PowerLogic PD100 can monitor up to 3 switchgears
Catalog link		
Web link		

G

TeSys Series
Vacuum Contactors

	CBX		CVX	
	 PM103784		 PM103792	
Rated voltage (kV)	7.2	12	7.2	12
Max. rated short-circuit current	6 kA	4 kA	6 kA (50 kA in conjunction with fuses)	4 kA (50 kA in conjunction with fuses)
Max. rated current	400 A (AC4)	315 A (AC4)	400 A (AC4)	315 A (AC4)
Versions	Fixed	Fixed	• Withdrawable version equipped with DIN or BS fuses • Optional on board auxiliary voltage transformer	
Number of poles	1P - 3P		3P	
Mechanical switching cycles (ON/OFF)	• 300 000 (mechanical latch) • 1 000 000 (magnetic held)		• 300 000 (mechanical latch) • 1 000 000 (magnetic held)	
Mechanism	Magnetic holding or mechanical latch		Magnetic holding or mechanical latch	
Standards	• IEC • GB		• IEC • GB	
Benefits				
	Version available for capacitor banks: • 1 pole version available for neutral Earthing • Specific version available for capacitor banks		• LV supply thanks to optional on board VT • High short circuit breaking capacity in combination with fuses • Cradle available (consult us)	
Catalog link				
Web link				

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TeSys Series
SF_6 Contactors

	Rollarc	
	 PM107151	
Rated voltage (kV)	7.2	12
Max. rated short-circuit current	10 kA	8 kA
Max. rated current	400 A (AC4)	
Versions	• Basic • Fixed • Withdrawable	
Number of poles	3P	3P
Mechanical switching cycles (ON/OFF)	• 100 000 (mechanical latch) • 300 000 (magnetic held)	
Mechanism	Magnetic holding or mechanical latch	
Standards	IEC	
Benefits		
	• Reference product in SF6 contactor market • Nuclear powerplant & Marine applications • Soft breaking, suited for capacitor bank, power transformers and motors applications	
Catalog link		
Web link		

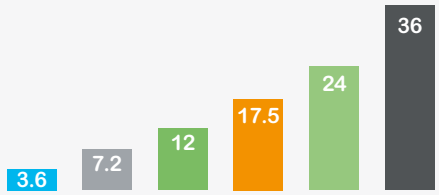
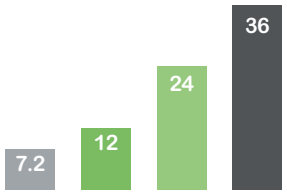
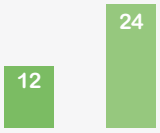
G

Instrument Transformers
Low Power CTs and VTs

	Low Power Current Transformers LPCT		Low Power Voltage Transformers LPVT
	 PE90303	 PE90302	 PM105566
Function	Allows protection or metering with the same product		
Highest voltage for equipment (kV)	24	24	36
Max.rated short-circuit current	40 kA	40 kA	
Max.rated Primary current	2 500 A	2 500 A	
Max.rated Primary voltage			20 kV
Technology	LV insulation technology for MV applications	MV insulation technology for MV applications	MV insulation technology for MV applications
Main characteristics	Rated nominal secondary voltage 22.5 mV	Rated nominal secondary voltage 22.5 mV	Rated nominal secondary voltage 3.25/√3 V
Insulation	Class A (covering and insulation realized by vacuum casting EPOXY resin and APG technology with excellent electrical characteristics, high mechanical strength and high aging resistance)		Class E (insulation realized by vacuum casting EPOXY resin with MV cone interface Type C)
Standards	IEC 60044-8		IEC 61869-11
Benefits			
	• Operating safety: no danger in the event of any accidental opening of the secondary circuit • Can be installed in 24 kV, networks without any specific MV insulation		• Operating safety: no danger in the event of any accidental short-circuit of the secondary • Resistive divider insensible to ferroresonance
Web link			

G

MV Fusures

	Fusarc CF	Solefuse	Tepefuse	MGK
		 PE90706		
Rated voltage (kV)				
Max. rated short-circuit current	Up to 63 kA	Up to 50 kA	Up to 40 kA	Up to 50 kA
Max. rated current	Up to 250 A	Up to 125 A	Up to 0.3 A	Up to 250 A
Applications	• Motors • Power Transformers • Capacitors • Metering Transformers	• Power Transformers • Capacitors	Voltage Transformers	Motors
Standards	• IEC 60282-1 • DIN 43625 • VDE 0670-402	• IEC 60282-1 • UTE C64200, C64210	• IEC 60282-1 • UTE C64200, C64210	IEC 60282-1
Benefits				
	• High breaking capacity • High current limitation • Low I2t values • Low breaking overvoltage • Low dissipated power • For indoor and outdoor applications • With a thermal striker			
Catalog link				
Web link				

G

Meters and panel server

	Web link	Catalog link
Basic panel meters		
AMP/VLT		
Basic energy meters		
IEM3000 series		
Basic panel meters		
PM5100/5300/5500		
Advanced meters		
PM8000		
ION7400		
ION9000		
Utility meters		
ION8650 A/B/C		
ION8800 A/B/C		
Overhead Fault Detection		
Easergy Flite 116-SA/G200		
Easergy Flite 110-SA		
Easergy Flite 312 315 332 335 382 385		
Underground Fault Detection		
Easergy Flair 200C		
Easergy PS100		
Voltage presence		
VPIS V2		
VPIS V3		
EcoStruxure Panel Server		
Entrance PAS400		
Universal PAS600		
Universal Wired by Design PAS600WD		
Advanced PAS800		

G

Protection relays

Our catalog of Protection Relays provides leading and reliable protection and control for any network application. The latest PowerLogic Protection Relays also offer comprehensive security and dependability for your electrical grid, from overcurrent and arc protection to distance and differential protection of the transmission line. Our range offers solid protection with advanced communications such as the IEC 61850 to give you peace of mind in protecting your grid.

Need help choosing Protection Relays by Range?

Use this simple selector to find the best fit for your needs.

Help Me Choose

Complete offer to reach all your requirements

PowerLogic Protection

Our latest Protection Relay range, with the heritage of many brands, our PowerLogic devices offer over 100 years of experience combined with the latest technology, communication and IoT connected concepts. Covering all applications from overcurrent to distance protection, they provide trusted know-how in a scalable range with a modern, digital experience.

		Catalog
PowerLogic P1	Compact and cost-effective protection solution for MV/LV applications. With overcurrent, voltage, frequency, and earth-fault protection (directional as an option), housed in a uniquely small case with a quick fixing method.	
PowerLogic P3	Easy-to-use protection relays for Medium Voltage applications with fast delivery, ideal for Panel builders, Contractors, Partners and end users. From overcurrent to more advanced protection, with Arc flash detection, LPCTs, LPVTs and Ethernet communication including basic implementation of IEC 61850.	
PowerLogic P5	Protection and control relays with a focus on safety and cyber security. Easy to use for panel builders, system integrators and end users. From overcurrent to differential protection with arc flash protection, LPCTs, LPVTs, redundant Ethernet communication and IEC 61850.	
PowerLogic P7	High-end protection and control range for MV and HV applications. It delivers a modular and cybersecure platform, fully prepared for virtualization. Its 7" color touchscreen and new engineering tool make it simple to configure, test, integrate, operate and maintain, while maximizing your sustainability goals.	

Easergy MiCOM Protection

Easergy MiCOM P30 Series	Easergy MiCOM 30 Series protection relays offer comprehensive protection of MV, HV and EHV networks. With flexible, modular hardware, Ethernet communication and cyber security, they are a trusted device to protect your critical power system assets.
Easergy MiCOM P40 Series	A trusted name in protection relays worldwide; our Easergy MiCOM P40 series contains all of the applications you need for MV, HV and EHV protection. High-performance protection functions, Ethernet communication and Cyber security makes this range ready for modern challenges.

H

Protection relays and feeder automation

Easergy Sepam Protection

Easergy Sepam Series 60

For complex distribution systems, Easergy Sepam Series 60 has 8 dedicated types of protection relay application.
It consists of a simple base unit with connectors for voltage & current measurement, power supply, relay outputs, communication port and a removable memory cartridge (firmware, settings and language). A range of module or options can be applied to easily extend HMI, Communication or I/O.

Easergy Sepam Series 80

Protection Relays for Custom Applications: 16 types of digital curent or voltage protection for any distribution system, each one dedicated to a single application: Easergy Sepam S80, S81, S82, S84, T81, T82, T87, M81, M87, G88, B80, B83, C86. A ready to use Easergy Sepam includes: one base unit, two 20 pin connectors, one current, one current and one voltage connector, one memory cartridge, one application, one language, logipam firmware option, TCP/IP option, optional modules, comm. interfaces or core balance CT.

PowerLogic Arc Protection

PowerLogic A1 and A3

PowerLogic A1 and A3 are designed to mitigate the effects (damage / impact) of Arc faults inside electrical cubicles.

- PowerLogic™ A1: stand-alone device for cubicle protection.
- PowerLogic™ A3: can be used as a stand-alone device or together with other A3 devices as a system solution. It can protect a group of cubicles with monitoring of up to 50 sensors.

V321

V321 Adapted to large substations and installations of up to 150 sensors and multiple elective control with I/O modules.
It provides high performance with inputs for current measurement and communication to supervision solutions.

VIP Relay

VIP40/45 VIP400/410

Our range of integrated self-powered protection relays (VIP40/45/400) requiring no auxiliary power supply completed by a dual power protection relay (VIP410).
Self-powered protection relays increase the availability of the MV network and are suited to most applications.

- Designed to respond to voltage drop
- Not dependent on UPS systems
- Less dependent on the external environment (EMC, LV overvoltages) because they require no external connections

PowerLogic Control & Monitoring

PowerLogic T300

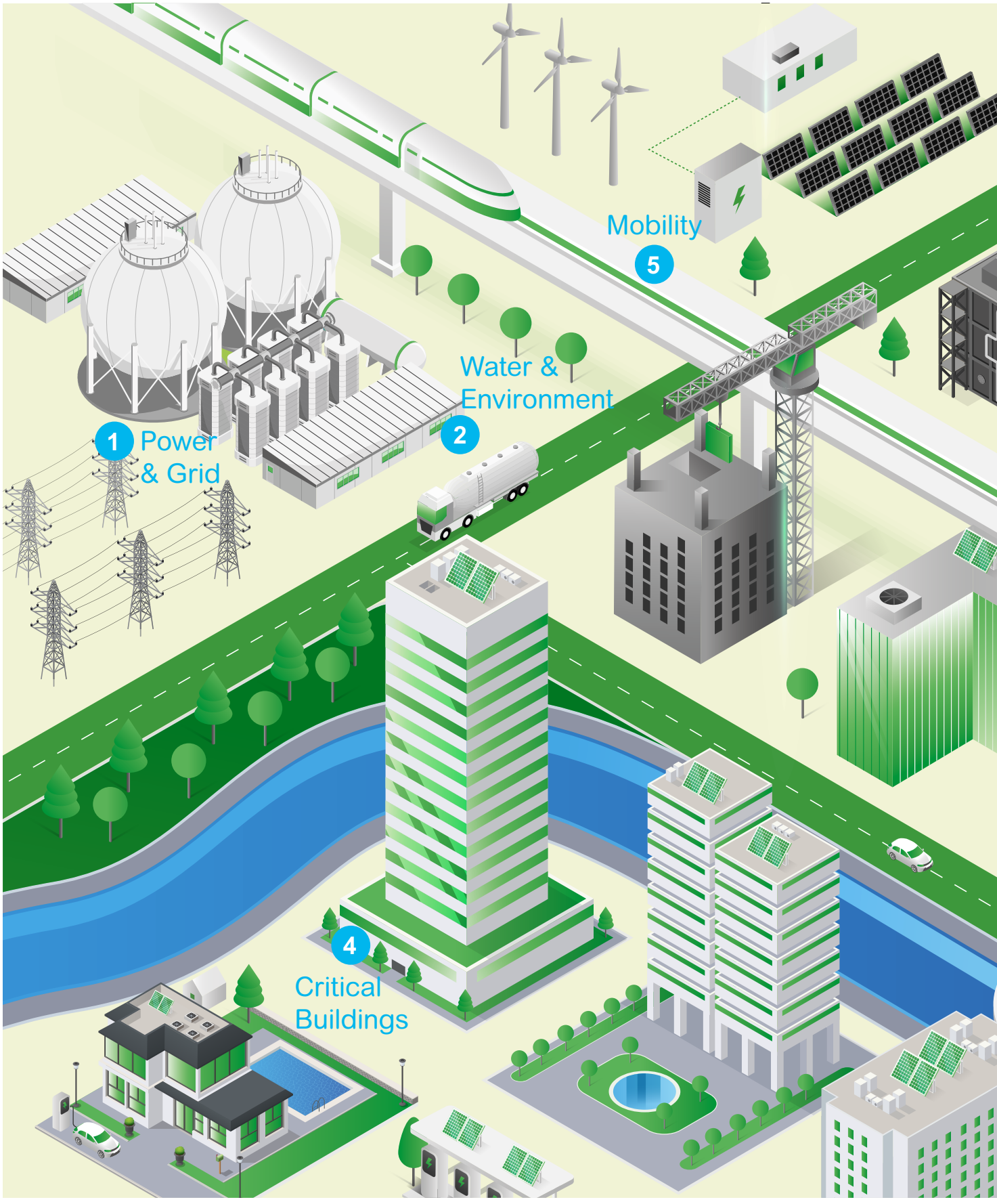
PowerLogic T300 – a remote terminal unit (RTU) configurable to your precise specifications. PowerLogic T300 delivers advanced monitoring, protection, control, and automation functions in both overhead and underground electrical distribution networks.

Flair Fault Passage Indicators

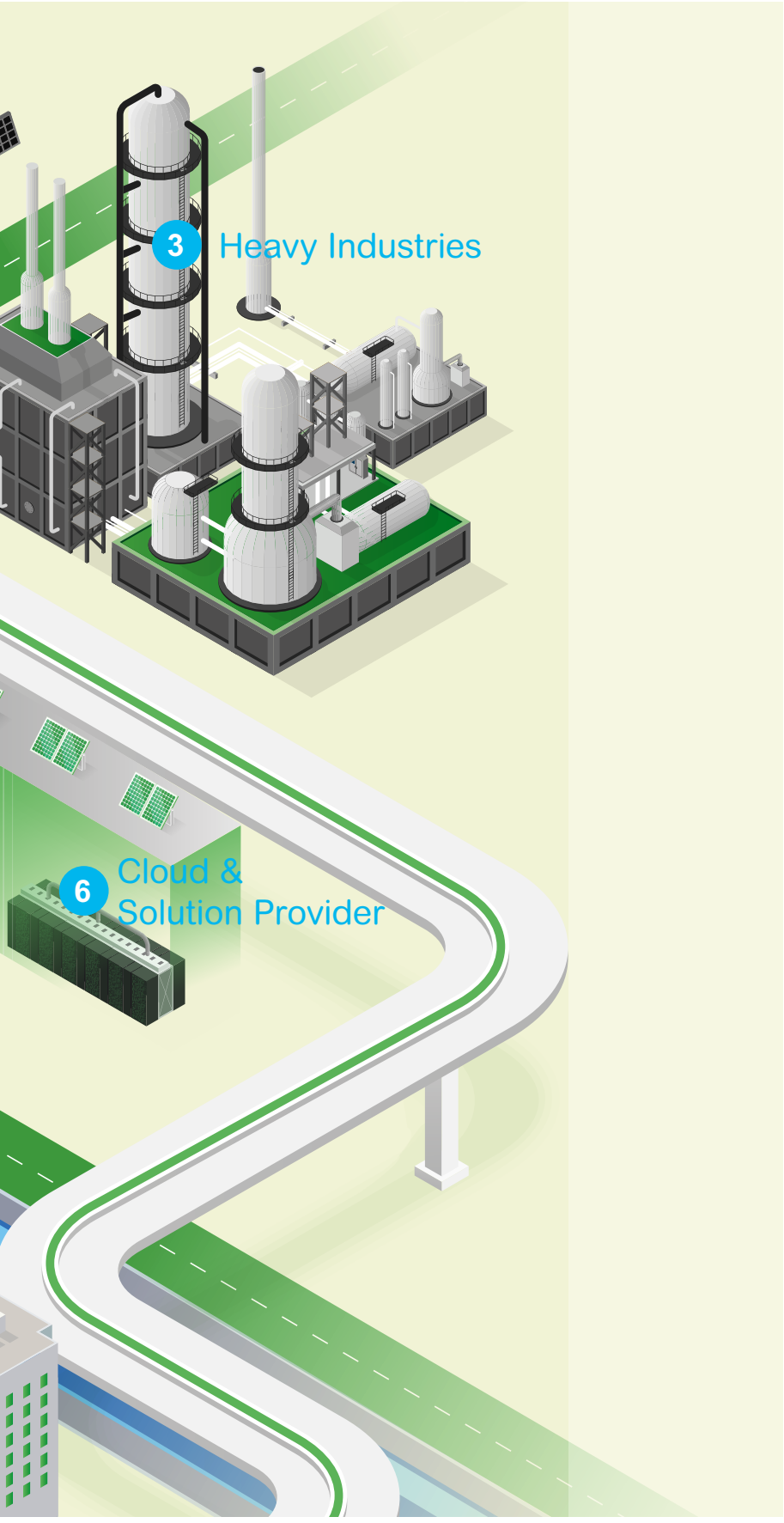
Fault Passage Indicators for Underground Networks

The Flair range offers cost-effective fault passage indicators (FPI) that can be fully integrated in the cubicle.
In addition to the Flair 21D/22D self-powered FPIs, the range includes the Flair 23DM, a device incorporating FPI, Voltage detection relay and Modbus communication.

Innovative solution and services for your medium voltage application



Innovative solution and services for your medium voltage application



1 Power & Grid
- Distribution
- Power generation - Renewables

2 Water & Environment
- Desalination
- Waste Water Treatment

3 Heavy Industries & Semicon
- Semicon
- Oil Production, Refining, LNG,
- Mining, Steel, Aluminium
- Cement, Glass
- Energy Transition (GH2, CCUs, SAF, ...)

4 Critical Buildings
- Healthcare
- Food & Bev
- Life Sciences

5 Mobility & Transportation
- Battery Plant, Charging Stations
- Railway, Airport ,Port
- Automotive OEM

6 Cloud & Service Provider
- Internet Giant Data Centers
- Colocation Data Centers (Small & Medium Size)

Power & Grid

Power & Grid solutions

- Distribution
- Power generation - Renewables

Power&Grid: Battery Energy Storage applications, wind farm applications

Typical MV equipment for BESS applications, examples:

MV primary switchgear	 GM AirSeT	 WS-G	 GHA	 CBGS	 F400	 DNF-7
MV secondary switchgear	 DVCAS	 RM AirSeT				
MV transformer	 Trihal transformer	  Minera transformers				

Harness efficient clean energy:

- Optimize CapEx and Opex
- Improve availability and reliability
- Maximize power plant operations

Schneider Electric supports you for all your Power&Grid applications and projects. Please, contact us.

Water & Environment

Water & Environment solutions

- Desalination
- Waste-Water Treatment

Water & Environment, desalination applications example.

Typical HV/MV equipment for waste-water treatment applications (Open loop and radial network) example:

HV/MV transformer	 Mineral MP				
MV primary switchgear	 GM AirSeT	 PremSeT	 MCSeT 24	 PIX	 GMA
MV secondary switchgear	 RM AirSeT	 RM6	 SM AirSeT	 PremSeT (desalination application)	
MV transformer	 Trihal transformer	 Minera transformers			

Energy efficiency: service quality and operating cost

- Water loss reduction
- Process optimisation
- Digital twin simulation

Schneider Electric supports you for all your Waste-Water & Environment applications and projects. Please, contact us.

Heavy Industries & Semicon

Heavy Industries & Semicon solutions

- Semicon
- Oil production, Refining, FLNG (*)
- Mining, Steel, Aluminium
- Cement, glass, Energy transition (GH2, SAF…)

Heavy Industry typical offshore or onshore applications example.
Typical MV equipment, examples:

MV primary switchgear	 GM AirSeT  GHA  CBGS0  F400  MCSeT 24  PIX
MV secondary switchgear	 PremSeT  RM AirSeT
MV transformer	 Trihal transformer  Minera transformers

Power availability, reliability and quality

- Business continuity through reliable power distribution and automation
- Process optimisation
- Allowing for the real-time analysis of performance indicators through production optimization solution

(*) Floating Liquefied Natural Gas.

Schneider Electric supports you for all your Heavy Industry applications and projects. Please, contact us.

Mobility & Transportation

Mobility and transportation solutions

- Battery plant, Charging stations
- Railway, Airport, Port
- Automotive OEM

Transportation: Large Green Port application example.
Typical MV equipment for ports applications, examples:

MV primary switchgear	 MCSeT 24	 PIX				
MV secondary switchgear	 PremSeT	 RM AirSeT	 SM AirSeT	 SM6	 RM6	
MV transformer	 Trihal transformer					

Power efficiency and Sustainability

- Modernizing ports reduces downtime risks through digitalization and better equipment maintenance
- Decarbonization and sustainability

Schneider Electric supports you for all your Transportation applications and projects. Please, contact us.

Mobility & Transportation

Mobility and transportation solutions

- Battery plant, Charging stations
- Railway, Airport, Port
- Automotive OEM

Transportation: Airport applications example.

Typical MV equipment for airports applications, examples:

MV primary switchgear	 MCSeT 24	 PIX				
MV secondary switchgear	 PremSeT	 RM AirSeT	 SM AirSeT	 SM6	 RM6	
MV transformer	 Trihal transformer	  Minera transformers				

Critical power solutions for airports and sustainability

- Prioritizing business security and operational reliability
- Decarbonization and sustainability, emission reduction addressed by microgrid system

Schneider Electric supports you for all your transportation applications and projects. Please, contact us.

Mobility & Transportation

Mobility and transportation solutions

- Battery plant, Charging stations
- Automotive OEM
- Railway, Airport, Port

Transportation: EV Charging architecture example.
Typical MV equipment for EV charging applications, examples:

MV primary switchgear	 GM AirSeT  PremSeT
MV secondary switchgear	 Ringmaster AirSeT
MV transformer	 Trihal transformer

Proactive electrical asset management to achieve business continuity and sustainability goals

- Schneider Electric energy controls allows to make real-time decisions.
- Decarbonization and sustainability, emission reduction addressed by microgrid system

Schneider Electric supports you for all your transportation applications and projects. Please, contact us.

Critical Buildings

Critical Buildings solutions

- Healthcare
- Food and beverage
- Life Sciences

Critical building: Hospital architecture example.

Typical MV equipment for Hospital applications, examples:

MV secondary switchgear	 SM AirSeT	 SM6	 RM6	 RM AirSeT
MV transformer	 Trihal transformer			

Critical power, power quality and energy management

- Ensure resilient and secure infrsastructure to protect patients and staff against every threat
- Unify systems and support staff to enable high-performing facility operations and maximize resources

Schneider Electric supports you for all your critical buildings applications and projects. Please, contact us.

Cloud & Service Provider

- Internet Giant Data Centers
- Colocation Data Centers (small & medium size)

Cloud & Service Provider: Data centers architecture example.
Typical MV equipment for Data Center applications, examples:

MV primary switchgear	 F400	 GM AirSeT	 PIX	 WS-G	 CBGS	 F400
MV secondary switchgear	 PremSeT	 SM AirSeT	 DVCAS		 RM AirSeT	
MV transformer	 Trihal transformer					

Resiliency, security, energy efficiency and expert's access

- Business continuity, real-time monitoring, predictive analytics for asset life, performance and cost saving
- Secure onsite and remote access, preventing data loss & system integrity
- Optimizing thermal and energy management
- Certified experts ensure fast delivery, smooth deployment, proactive maintenance

Schneider Electric supports you for all your Cloud & Service Provider applications and projects. Please, contact us.

Life Is On | Schneider Electric

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