



Medium Voltage distribution

Product Panorama 2022

se.com/mv-distribution

Life Is On

Schneider
Electric



Innovation is in the Air

AirSeT range brings sustainable innovation to support the transition to greener energy systems and installations. It combines pure air for insulation and vacuum technology for breaking in an ingenious arrangement called Shunt Vacuum Interruption (SVI)™.

Why SF₆-free?

Today, distribution networks and installations commonly rely on SF₆ gas. It has outstanding dielectric properties, which allows for safe and compact equipment.

This is critical in many buildings and applications where space is scarce. The downside is that it is a potent greenhouse gas with Global Warming Potential 23,500 higher than that of CO₂, and produces toxic by-products in the process of breaking.

As such it is subject to strict regulation and must be recycled properly to avoid negative impact on the environment. Regulators are increasingly considering the adoption of new measures to limit the use of SF₆.

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 SF₆ 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 SF₆ equipment: compact physical footprint, 3-position switch, transformer protection via switch-fuse unit - all important considerations to avoid changes to installations and working practices.

Transparent for the future

Pure air is transparent and gives peace-of-mind, because it helps avoid the risk of future regulations.





Green Premium™

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.



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!](#)

An industry leading portfolio of offers delivering sustainable value

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 CO₂ emissions.

Cost of ownership optimization through... Circular Performance

We are 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 are going beyond regulatory compliance with step-by-step substitution of certain materials and substances in 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)

Take switchgear further with EcoStruxure™

Schneider Electric's IoT-enabled, open and interoperable architecture and platform, brings together Connected Products, Edge Control, Apps, Analytics & Services. EcoStruxure connected products deliver enhanced value around safety, reliability, efficiency, sustainability and connectivity.

EcoStruxure ready



Efficient asset management

Boost your efficiency and reduce downtime using predictive maintenance tools.



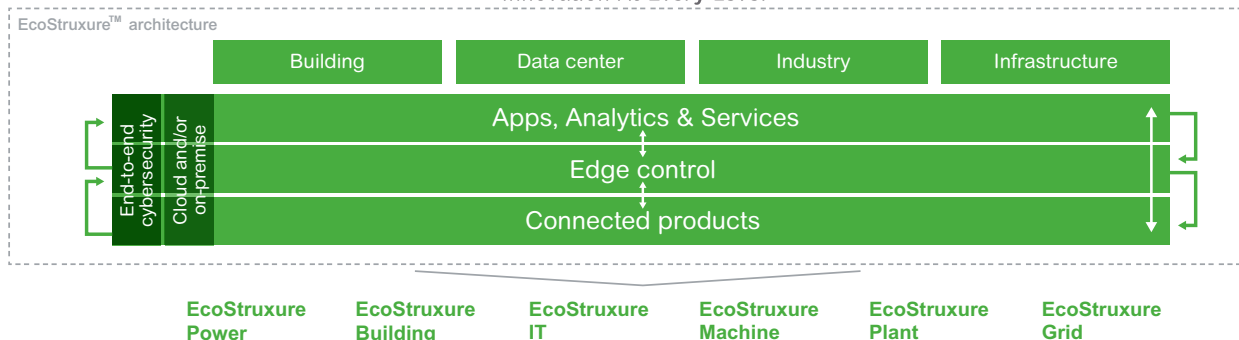
24/7 connectivity

Make better informed decisions with real-time data that is available everywhere, anytime.



Enhanced safety

Advanced features designed-in and based on well-known designs, experience and technology.



Understanding and managing the complexities of your operations

Service Lifecycle Management

IoT connected switchgear is a foundational element of EcoStruxure, Schneider Electric IoT-enabled, open, and interoperable system architecture.

Connectivity by default means that offers customers greater visibility of their facilities and more control over operational health.

How to improve site safety

Electrical Safety Training



- Detect any knowledge gaps and attend appropriate e-learning, practical and hands-on electrical safety training courses.

Electrical Distribution Consulting Services



- Our consulting services portfolio offers asset health analysis for your site and recommends preventive actions.

How to protect your new installation

Service Plans



- Achieve true peace of mind knowing your installation is covered by the right service plan.

Maintenance Services



- A complete solution to maintain your equipment helping ensure service continuity and peace of mind at every step.

How to modernize aging infrastructure

Digitized Modernization



- Modernize your electrical distribution switchgear with pre-engineered retrofit service solutions.

SF₆ Recovery Services




- Peace-of-mind for your transition to SF₆-free medium voltage switchgear.

Spare Parts Management



- Spare part availability and reduced downtime.

Find more information [Here](#)

An aerial photograph of a city, likely Hong Kong, showing a dense cluster of high-rise buildings. In the foreground, a large, lush green forest covers a hillside. The sky is clear and blue. The text is overlaid on the image in a white, sans-serif font.

Medium Voltage Distribution by Schneider Electric more green, more digitized

Worldwide leader in Medium Voltage: discover our extensive offer, meeting your reliability and efficiency expectations is our goal

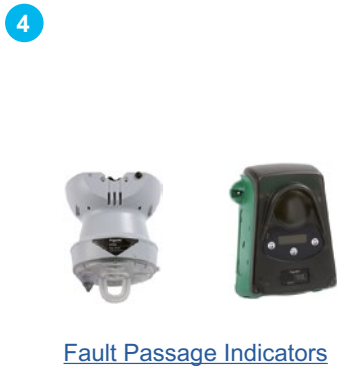
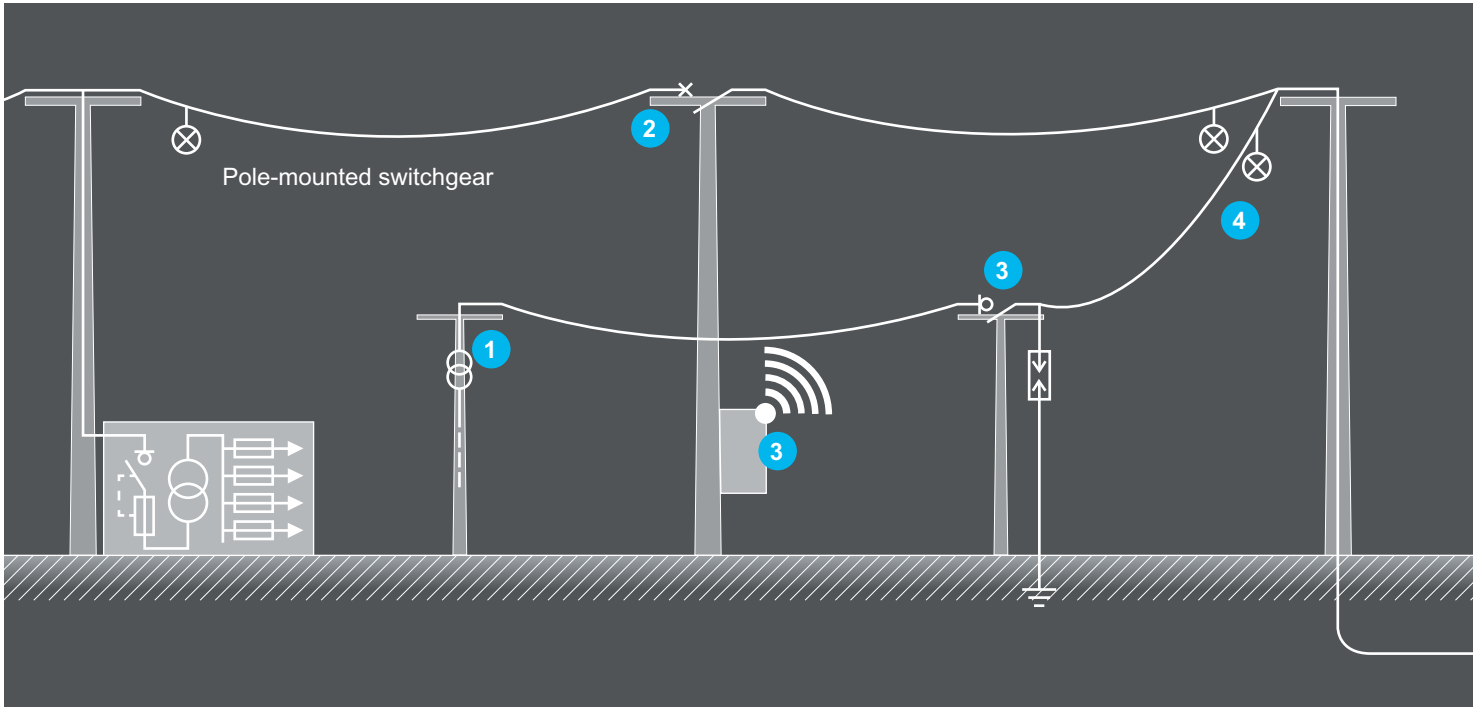
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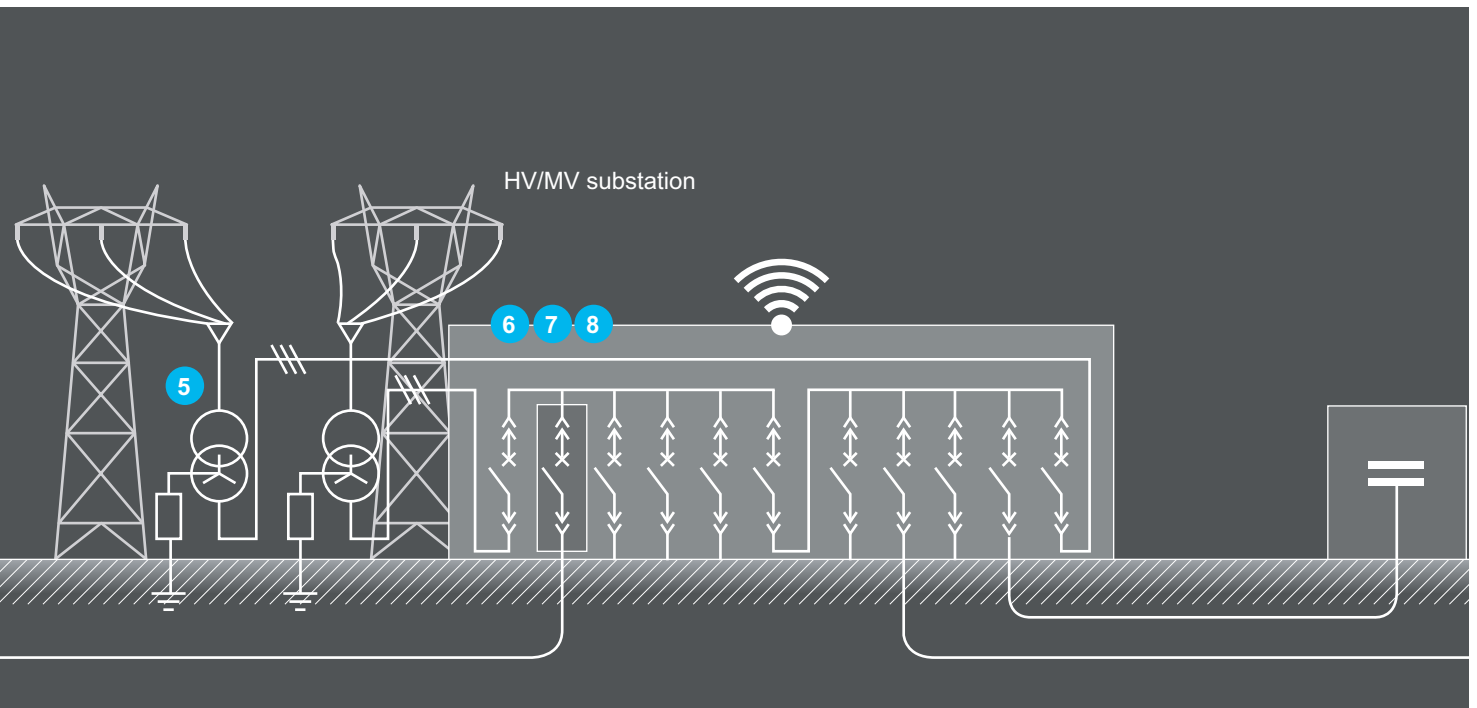


Find more information [Here](#) 

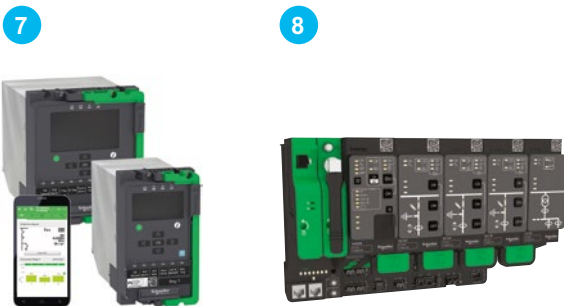
Overhead distribution network,
primary distribution network,
transformer and protection



from 7.2 kV to 170 kV

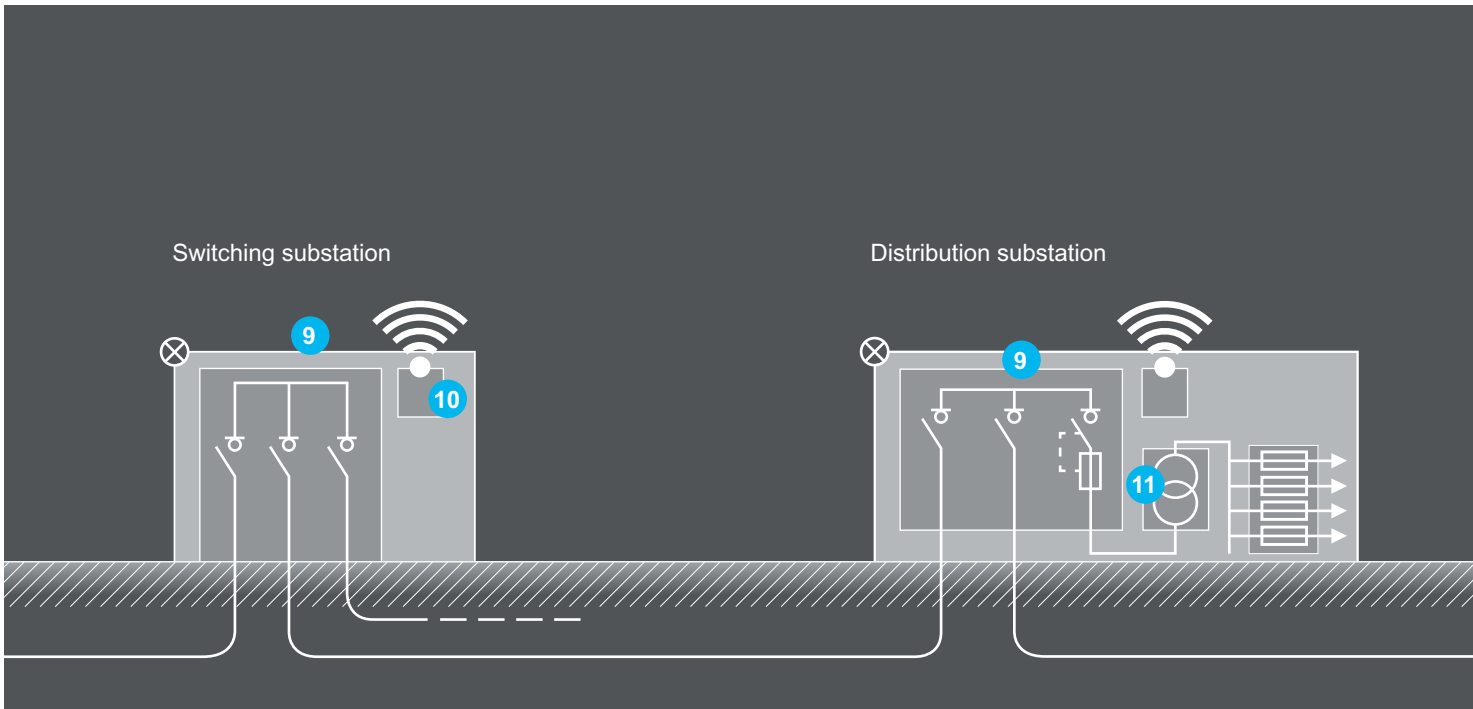


[Primary Switchgear \(AIS, GIS, 2SIS\)](#)



[Protection, Monitoring, Metering and Control](#)

Secondary distribution network, distribution transformer and protection



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[Secondary Switchgear \(AIS, GIS, 2SIS\)](#)

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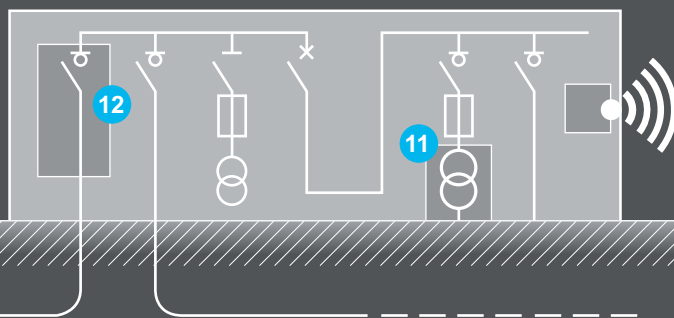


[Pure Air Insulated Switchgear](#)

[Remote monitoring and fault detection](#)

from 7.2 kV to 170 kV

Customer substation



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[Distribution transformer](#)

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[Modular Switchboard \(AIS, 2SIS\)](#)

Complete offer

By fields of application

	Automotive	Building	Data Centre	Industry	Infrastructure	Oil & Gas	Marine	Mining, Minerals and Metals	Public lighting	Pulp & Paper	Power Generation	Railways	Solar farm	Utilities	Water	Wind power
Primary Switchgear																
Air Insulated Switchgear																
MCS _{et} 17.5/24	✓		✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	
PIX Easy		✓		✓	✓									✓	✓	
PIX			✓							✓						
PIX 50 kA				✓	✓	✓	✓					✓		✓		✓
PIX Roll on Floor	✓			✓	✓	✓	✓	✓			✓			✓	✓	
Motorpact	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓				✓	✓
GenieEvo	✓	✓	✓	✓	✓									✓		
Fluair F400		✓		✓	✓	✓		✓		✓			✓	✓		✓
DNF7				✓		✓		✓		✓				✓		
Masterclad		✓		✓	✓	✓								✓	✓	
Gas Insulated Switchgear																
GMA				✓	✓	✓	✓	✓						✓	✓	✓
GHA				✓	✓	✓		✓				✓		✓		✓
CBGS-0			✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓
CBGS-2			✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓
WS				✓		✓								✓		✓
WI				✓							✓	✓		✓		✓
Shielded Solid Insulation System																
Premset		✓	✓	✓	✓		✓	✓				✓		✓	✓	
Secondary Switchgear																
Air Insulated Switchgear																
SM AirSeT	✓	✓	✓	✓	✓									✓	✓	✓
SM6		✓	✓	✓	✓									✓	✓	✓
Gas Insulated Switchgear																
RM AirSeT																
RM6		✓	✓	✓	✓	✓	✓	✓				✓	✓	✓		✓
FBX		✓	✓	✓	✓	✓		✓				✓	✓	✓		✓
Ringmaster		✓		✓	✓	✓		✓						✓		
Flusarc 36 kV				✓	✓								✓	✓		✓
DVCAS			✓		✓	✓		✓					✓	✓		✓
Shielded Solid Insulation System																
Premset		✓	✓	✓	✓		✓	✓				✓		✓	✓	
Transformers																
Dry Type Distribution Transformers																
Trihal	✓	✓				✓		✓			✓					✓
Oil Distribution Transformers																
Minera-Ground Mounted				✓		✓		✓			✓		✓	✓		✓
Minera Pole-Mounted		✓			✓									✓		
Medium Power Transformers																
Minera MP				✓		✓		✓			✓		✓	✓		✓
Special Transformers																
Minera SGrid		✓	✓	✓									✓	✓		✓
Minera PV													✓			
Minera R				✓			✓	✓			✓	✓	✓			✓
Minera EX						✓		✓								
Minera E		✓		✓	✓	✓		✓						✓		
Siltrim						✓										✓
Vegeta		✓		✓		✓	✓	✓				✓	✓	✓		✓





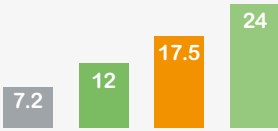

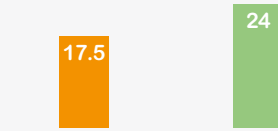











Complete offer

By fields of application

		Automotive	Building	Data Centre	Industry	Infrastructure	Oil & Gas	Marine	Mining, Minerals and Metals	Public lighting	Pulp & Paper	Power Generation	Railways	Solar farm	Utilities	Water	Wind power	
Overhead switchgear	By field of application																	
	ADVC Controller															✓		
	Pole-mounted switchgear																	
	E-series															✓		
	U-series															✓		
	W-series															✓		
	RL-series															✓		
	PM6															✓		
SBC															✓			
MV Components	Vacuum Circuit Breakers																	
	EasyPacT EXE		✓	✓	✓	✓	✓	✓	✓		✓					✓	✓	
	EvoPact HVX Embedded pole				✓	✓	✓	✓	✓							✓		
	EvoPact HVX Assembly pole																	
	EvoPact HVX-O	✓	✓	✓	✓	✓									✓	✓		✓
	VA																	
	VAH												✓					
	VXA-VXB													✓				
	VXC				✓	✓		✓								✓		
	SF ₆ Circuit Breakers																	
	EvoPact LF				✓	✓										✓		
	EvoPact SF				✓	✓										✓		
	Evolis				✓	✓			✓							✓		
	Cradle																	
	L-Frame Cradle																	
	MC Cassette																	
	PMX Cradle																	
	M1-M2 Cradle																	
	Switch and disconnectors																	
	AirPacT	✓	✓	✓	✓	✓								✓	✓	✓	✓	✓
	LBSkit																	
	LTRI5-TRI																	
	Smart sensors																	
TH110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CL110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Vacuum Contactors																		
CBX - CVX				✓		✓		✓	✓									
SF ₆ Contactor																		
Rollarc				✓			✓	✓										
Other components																		
Low Power Current Transformers																		
Low Power Voltage Transformers																		
MV Fuse																		
Meters and Feeder Automation																		
Protection Control & Monitoring																		


















SeT Series

Air Insulated Switchgear (AIS)




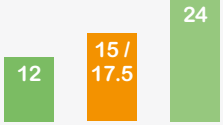
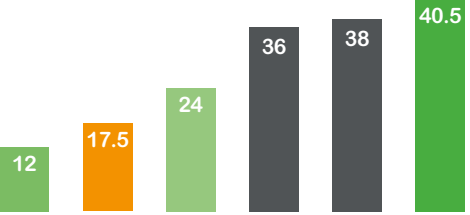
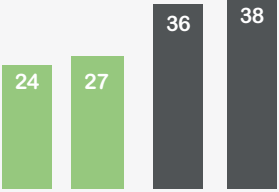






SeT Series	Air Insulated Switchgear			
				
Product name	MCSets 17.5/24	PIX Easy	PIX	PIX 50 kA
Rated voltage (kV)				
Internal arc protection	LSC 2B PM	LSC 2B PM	LSC 2B PM	LSC 2B PM
Max. rated short-circuit current	50 kA SF6 (7.2/12) 40 kA SF6 (17.5)	31.5 kA Vacuum	40 kA Vacuum 31.5 kA Vacuum	50 kA Vacuum
Max. rated current	31.5 kA Vacuum (12/17.5/24)	2 500 A	4000 A in RDS 3150 A without any note	4000 A (PIX-50), 5000 A (PIX-H)
Versions	Withdrawable Circuit Breaker	<ul style="list-style-type: none"> EasyPact EXE Withdrawable 17.5 kV (Floor rolling) 17.5 kV (Middle rolling) 	Withdrawable Circuit Breaker	Withdrawable Circuit Breaker
Mounting	Indoor	Indoor	Indoor	Indoor
Mechanism	Single busbar system	Single busbar system	Single busbar system	<ul style="list-style-type: none"> Double busbar system Single busbar system (PIX-50)
Standards	<ul style="list-style-type: none"> IEC GOST 	IEC	<ul style="list-style-type: none"> IEC GOST 	IEC
Benefits				
Catalog link		 		 
Web link				

SeT Series

Air Insulated Switchgear (AIS)

















 PIX RoF	 Motorpact	 GenieEvo	 Fluair F400	 DNF7	 Masterclad
12	7.2	13.8	36	40.5	27
LSC 2B PM	LSC2A-PI	LSC 2A-PM	LSC2B-PM	LSC2B-PM	
31.5 kA Vacuum	50 kA Vacuum	<ul style="list-style-type: none"> • 25 kA • Vacuum 	<ul style="list-style-type: none"> • 31.5 kA Vacuum • 40 kA SF6 	31.5 kA	40 kA Vacuum
2 500 A	3 150 A	2 500 A	2 500 A	1 250 A	2 000 A
Withdrawable (Roll on Floor)	Withdrawable	Fixed	Withdrawable	Withdrawable	
Indoor	Indoor & Outdoor NEMA	Indoor & Outdoor	Indoor	Indoor	Indoor & Outdoor
Single busbar system	Double busbar for S3	Single busbar system	Single busbar system	Single busbar system	Single busbar system
IEC	<ul style="list-style-type: none"> • IEC • NEMA • UL • GOST • IACS 	<ul style="list-style-type: none"> • IEC • BS 	<ul style="list-style-type: none"> • IEC • GOST 	IEC	<ul style="list-style-type: none"> • ANSI • IEEE
	<ul style="list-style-type: none"> • DOL • RVSS • RVAT • Reversing 2-speed 	Rear cable access			
					
					

SeT Series Gas Insulated Switchgear (GIS)

SeT Series	Gas Insulated Switchgear (GIS)		
			
Product name	GMA	GHA	CBGS-0*
Rated voltage (kV)			
Internal arc protection			
Max. rated short-circuit current	31.5 kA Vacuum	40 kA Vacuum	31.5 kA Vacuum & SF6
Max. rated current	2 500 A	<ul style="list-style-type: none"> 2 500 A 4 000 A (on request) 	2 000 A
Versions	<ul style="list-style-type: none"> Fixed Mainly with C.B. but also switch-disconnector functions 	Fixed	<ul style="list-style-type: none"> Fixed Mainly with C.B. but also switch-disconnector functions
Mounting	Indoor	Indoor	Indoor
Mechanism	Single busbar system	Single and double busbar system	Single busbar system
Standards	<ul style="list-style-type: none"> IEC GOST GB 	<ul style="list-style-type: none"> IEC ANSI GB CSA Railways application 	<ul style="list-style-type: none"> IEC 24/36 kV IEEE 27/38 kV(cULus) ENA & CSA (cULus)
Benefits			
	<ul style="list-style-type: none"> Less Space-More Power Very compact design Flexible busbar system Outer cone cable connection No gas handling 	<ul style="list-style-type: none"> CB applications Separated gas compartments for CB and busbar Compact design, flexible cable connection for outer cone and inner cone No gas handling 	<ul style="list-style-type: none"> Compact design at 36 kV Flexible busbar system Outer cone cable connection No gas handling <p>(*) For Railways application also</p>
Catalog link			
Web link			

SeT Series Gas Insulated Switchgear (GIS)





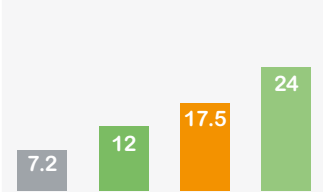
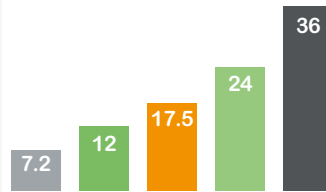








Solid Shielded Insulated Switchgear (SSIS)

 PM108182	 PM108191	 PM108193	 PM100017
CBGS-2	WS	WI	Premset
			
LSC 2A-PM			
25 kA SF6	31.5 kA Vacuum	31.5 kA Vacuum	25 kA Vacuum LBS, CB and transformer protection
2 000 A	2 500 A	2 500 A	1 250 A
Fixed	Fixed	Fixed	
Indoor	Indoor	Indoor	Indoor & Outdoor
Single and double busbar system	Single and double busbar system	Single and double busbar system	
IEC	<ul style="list-style-type: none"> • IEC • GOST • GB 	<ul style="list-style-type: none"> • IEC • GB 	<ul style="list-style-type: none"> • IEC • GOST • GB
<ul style="list-style-type: none"> • CB applications • Separated gas compartments for CB and busbar • Spacious cable Connection inner cone • For high Speed railway application 2x27,5kV (250kV BIL) 	<ul style="list-style-type: none"> • CB applications • Separated gas compartments for CB and busbar • Same small footprint for SBB and DBB, spacious cable connection inner cone 	<ul style="list-style-type: none"> • CB applications • Separated gas compartments for CB and busbar • Same small footprint for SBB and DBB, spacious cable connection inner cone 	Compact modular switchgear with 3-in-1 architecture for breaking disconnection and earthing
 	 	 	 

SeT Series

Air Insulated Switchgear

Gas Insulated Switchgear

SeT Series	Air Insulated Switchgear		Gas Insulated Switchgear	
				
Product name	SM AirSeT		SM6	
Rated voltage (kV)				
Internal arc protection				
Max. rated short-circuit current	20 kA Pure Air	25 kA SF6, Vacuum CB	25 kA SF6, CB	20 kA pure air, 25 kA SF6, CB - SF6 LBS, 20 kA SF6, CB - SF6 LBS
Max. rated current	400-630 A	<ul style="list-style-type: none"> 400 A 630 A 1250 A 	630 A	630 A
Versions	<ul style="list-style-type: none"> SF6-free, pure air Complete system of modular cubicles 	Complete system of modular cubicles	SF6-free, pure air	Compact and modular switchgear combining all MV functional units
Mounting	Indoor	Indoor	Indoor	Indoor
Mechanism	3-position switch-disconnector		3-position switch-disconnector	
Standards	<ul style="list-style-type: none"> IEC UTE GB 	<ul style="list-style-type: none"> IEC GB 	<ul style="list-style-type: none"> IEC GB 	IEC
Benefits				
	<ul style="list-style-type: none"> No SF6, greenhouse or alternative gases Easy transition & upgrade: same compact footprint and connection positions, all functions, plug-and-play motorization Greater mechanical endurance with CompoDrive to handle increased number of operations Improved uptime and operational efficiency with powerful & scalable IoT connectivity by default 			
Catalog link				
Web link				

SeT Series Gas Insulated Switchgear

Solid Shielded Insulated Switchgear (SSIS)

FBX	Ringmaster	Flusarc 36 Kv	DVCAS	Premset
17.5, 21, 24	12	36	36, 38/38.5	7.2, 12, 17.5
25kA Vacuum, CB, SF6, LBS	21 kA Vacuum, CB, SF6, LBS	20kA Vacuum, CB, SF6, LBS	25kA Vacuum, CB, SF6, LBS	25kA Vacuum LBS, CB and transformer protection
630A	630A	630A	630A	1250 A
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	Compact modular switchgear with 3-in-1 architecture for breaking disconnection and earthing
Indoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	<ul style="list-style-type: none"> Indoor Outdoor (only available for ANSI version)
IEC	IEC	IEC	<ul style="list-style-type: none"> IEC IEEE/ANSI CSA 	<ul style="list-style-type: none"> IEC ANSI GOST GB

SeT Series

Dry Type Distribution Transformers








Oil Distribution Transformers

Medium Power Transformers

SeT Series	Dry Type Distribution Transformers	Oil Distribution Transformers		Medium Power Transformers
	 PE00780	 PE00841	 PM102333	 PE00735
Product name	Trihal	Minera Ground 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				
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Ground-mounted and pole-mounted oil immersed transformer • Three-phase units 	<ul style="list-style-type: none"> • Pole-mounted oil immersed transformer • Phases: three-phase units (single-phase available on request) 	<ul style="list-style-type: none"> • 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				

SeT Series Special Transformers

Special Transformers

						
Minera SGrid	Minera PV	Minera R	Minera Ex	Minera E	Siltrim	Vegeta
36	36	36	36	72	36	170
1 MVA	4 MVA	80 MVA	60 MVA	15kA (earth fault current)	3.3 MVA	100 MVA
Indoor and outdoor	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor

- Transformer suitable for renewable power generation
- It features an on-load tap changer

- Transformer for grid-connected photovoltaic systems
- Natural cooled (ONAN) or air-forced (ONAF)

- Dedicated solutions for applications with very high current and harmonic levels
- Rectifier feeder (Rectifier Transformer range)










- Zone 1 and Zone 2 explosion proof transformer for mines and the oil and gas industries
- Hazardous zones (ATEX Transformer range)
- Naturally cooled (ONAN) or air forced (ONAF)



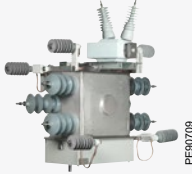



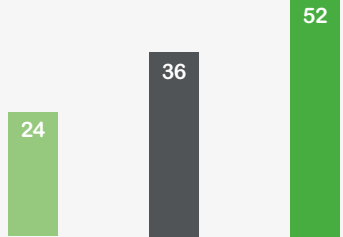









Designed to create the HV network neutral point and to limit the fault current in the phase-earth connection

- Ultra-compact distribution transformer adapted to fit into reduced spaces such as wind towers and offshore oil & gas platforms

- The safest transformer for the environment and people, using biodegradable vegetable oil as dielectric medium














	ADVC Controller	Pole-Mounted Switchgear	
			
Product name		E series	U series
Rated voltage (kV)		38	15, 27
Max. rated short-circuit current			12.5 kA, Vacuum / Epoxy
Max. rated current		630 A	630 A
Standards	<ul style="list-style-type: none"> • IEC • ANSI 	<ul style="list-style-type: none"> • IEC • IEEE/ANSI 	
Technical characteristics			
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Recloser • Remote controlled with ADVC controller • Advanced protection, monitoring, metering, control, communications and power quality 	<ul style="list-style-type: none"> • Recloser • Remote controlled with ADVC controller • Advanced protection, monitoring, metering, control, communications and power quality
	<ul style="list-style-type: none"> • Suited to straightforward applications such as typical overhead feeder installations • WSOS5 (Windows Switchgear Operating System 5) is a software package that allows the configuration, control and monitoring of Schneider Electric's pole-mounted auto reclosers and sectionalizers 		
Catalog link			
Web link			

 W series	 RL series	 PM6	 SBC
 24	 15 38	 24 36 52	 36
6 kA, Vacuum / Epoxy	16 kA SF6	12.5 kA SF6	20 kA Air
400 A	630 A	630 A	630 A
<ul style="list-style-type: none"> • IEC • ANSI 	<ul style="list-style-type: none"> • IEC • ANSI 	IEC	IEC
<ul style="list-style-type: none"> • Single Wire Earth Return (SWER) recloser • Remote controlled with ADVC controller • Advanced protection, monitoring, metering, control, communications and power quality 	<ul style="list-style-type: none"> • Load break switch • Remote controlled with ADVC controller • Manual or automatic load break switch • Sectionalizer capabilities on voltage and current 	<ul style="list-style-type: none"> • Load break switch • Remote controlled with Easergy T300P control unit • Manual or automatic load break switch • Sectionalizer capabilities 	<ul style="list-style-type: none"> • Air break switch and disconnect • Manually operated
 	 	 	 

PacT Series

Vacuum Circuit Breakers

PacT Series	EasyPact EXE	EvoPact HVX Embedded pole	EvoPact HVX Assembled Pole	EasyPact HVX-O
				
Rated voltage (kV)	12, 17.5	12, 17.5, 24	12, 17.5, 24	36
Max. rated short-circuit current	31.5 kA, 31.5 kA	50 kA, 50 kA, 31.5 kA	50 kA, 40 kA, 31.5 kA	31.5 kA
Max. rated current	2 500 A	3 150 A / 4 000 A ⁽¹⁾ , 3 150 A / 4 000 A ⁽¹⁾ , 2 500 A	3 150 A, 2 500 A, 2 500 A	2 000 A
Versions	<ul style="list-style-type: none"> Fixed Withdrawable 	<ul style="list-style-type: none"> Fixed Withdrawable 	<ul style="list-style-type: none"> Fixed Withdrawable 	<ul style="list-style-type: none"> Fixed Withdrawable
Number of poles	3P	3P	3P	3P
Mechanical switching cycles (ON/OFF)	10 000	10 000	10 000	10 000
Mounting	Frontal	Frontal	Frontal	Frontal
Mechanism	Conventional spring	Conventional spring	Conventional spring	Conventional spring
Standards	<ul style="list-style-type: none"> IEC GOST 	<ul style="list-style-type: none"> IEC GB (Chinese) GOST ⁽²⁾ 	<ul style="list-style-type: none"> IEC ANSI 	IEC
Benefits				
	<ul style="list-style-type: none"> Kit and web ordering Attractive price Better safety Opex optimization (thermal sensors replace infrared thermography) Service enabler for Partners 	<p>Embedded pole for better dielectric & environmental pollution withstand</p> <p>(1) Need forced cooling (2) Only 36 kV & 40.5 kV</p>		<ul style="list-style-type: none"> Web Ordering Attractive price Better Safety Ease in Rack-in & Rack-Out operation Compact design (254 mm PD)
Catalog link				
Web link				

Coming soon





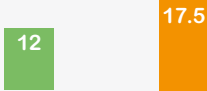

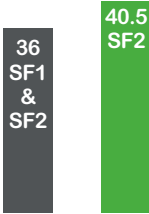







PacT Series

Vacuum Circuit Breakers




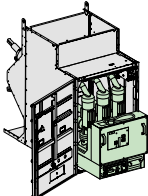
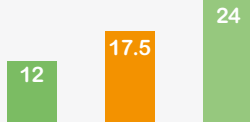

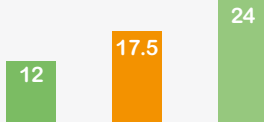
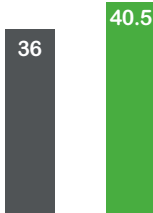
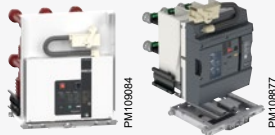
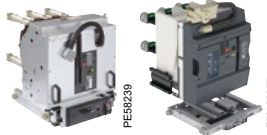
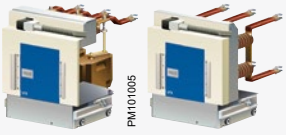






VA	VAH	VXA, VXB	VXC
			
			
50 kA, 40 kA, 31.5 kA, 40 kA	63 kA, 63 kA, 63 kA	40 kA, 31.5 kA	25 kA, 31.5 kA, 40 kA
3 150 A, 2 500 A, 2 500 A, 2 500 A	5 000 - 8 000 A*	2 500 A, 2 000 A	2 500 A, 2 500 A, 4 000 A
Fixed	Fixed	<ul style="list-style-type: none"> Fixed Withdrawable 	<ul style="list-style-type: none"> Fixed Withdrawable
3P	3P	1P or 2P	3P
	10 000		25 000
	Frontal		Frontal
	Conventional spring		Conventional spring
	<ul style="list-style-type: none"> IEC ANSI IEEE C37.013 	Railway applications only	IEC
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Extremely robust design Optimized maintenance 	<ul style="list-style-type: none"> Proven experience Cost-effective solution Extremely robust construction Compact design Flexible integration into switchboards High number of mechanical and electrical switching cycles 	<ul style="list-style-type: none"> Extremely robust and simple construction Extra high mechanical and electrical switching capacity Designed for high operating cycles Minimum maintenance
			
			

PacT Series

SF₆ Circuit Breakers

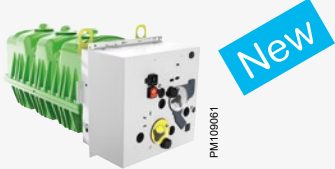
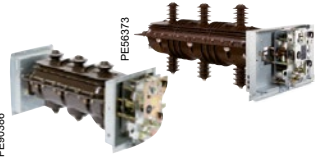
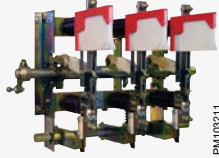


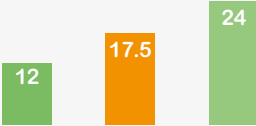






PacT Series	EvoPact LF	EvoPact SF		Evolis
				
Product name		SF1	SF2	
Rated voltage (kV)				
Max. rated short-circuit current	50 kA 40 kA	25 kA (SF1)	25 kA (SF1)	25 kA
			40 kA (SF2) 31.5 kA (SF2)	
Max. rated current	3 150 A	1 250 A (SF1)	1 250 A (SF1)	1 250 A
			3 150 A (SF2) 2 500 A (SF2)	
Versions	<ul style="list-style-type: none"> Fixed Withdrawable 	<ul style="list-style-type: none"> Fixed Circuit Breaker Front or side mounting 		Fixed
Number of poles	3P	3P		3P
Mechanical switching cycles (ON/OFF)	10 000	10 000		10 000
Mounting	Frontal	<ul style="list-style-type: none"> SF1: frontal and lateral SF2: frontal 		Lateral
Mechanism	Conventional spring	Conventional spring		Conventional spring
Standards	<ul style="list-style-type: none"> IEC GOST 	IEC		<ul style="list-style-type: none"> IEC GOST
Benefits				
	<ul style="list-style-type: none"> Referenced product for Nuclear Power plants Marine solutions certified Seismic version available 	<ul style="list-style-type: none"> Integrated VIP trip unit (without auxiliary power supply) Well suited for capacitor bank and inductive load applications 		
Catalog link				
Web link				

PacT Series Cradle


PacT Series	L-Frame Cradle	MC Cassette	PMX Cradle	M1-M2 Cradle
				
Rated voltage (kV)				
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
				
Benefits				
	Fully assembled by Schneider Electric	Full type tested solution including internal arc protection with MV door	<ul style="list-style-type: none"> • 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				

PacT Series

Switch and Disconnectors







PacT Series	AirPacT	LBSkit	LTRI5-TRI
			
Function	Indoor load break switch, disconnecter and accessories		
Rated voltage (kV)			
Max. rated short-circuit current	20 kA (25 kA in 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	2500 A 2500 A 1 600 A
Mechanical switching cycles (ON/OFF)	<ul style="list-style-type: none"> • Switch, Switch Fuse - 10 000 operations (M2 class) • Disconnector - 1 000 operations 		
Standards	<ul style="list-style-type: none"> • IEC • GB 	IEC	
Benefits			
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Insensitive to environment • Reduced maintenance 	<ul style="list-style-type: none"> • 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			

PowerLogic Tag Series Smart Sensors

Sensors	TH110	CL110
		
<p>Main characteristics</p>	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
<p>Benefits</p>	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
<p>Web link</p>		




TeSys Series

Vacuum Contactors

TeSys Series	TeSys CBX		TeSys CVX	
				
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	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 300 000 (mechanical latch) • 1 000 000 (magnetic held) 		<ul style="list-style-type: none"> • 300 000 (mechanical latch) • 1 000 000 (magnetic held) 	
Mechanism	Magnetic holding or mechanical latch		Magnetic holding or mechanical latch	
Standards	<ul style="list-style-type: none"> • IEC • GB (chinese) 		<ul style="list-style-type: none"> • IEC • GB 	
Benefits				
	Version available for capacitor banks: <ul style="list-style-type: none"> • 1 pole version available for neutral Earthing • Specific version available for capacitor banks 		<ul style="list-style-type: none"> • 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				

TeSys Series

SF₆ Contactors

TeSys Series	TeSys Rollarc	
	 <small>PM107151</small>	
Rated voltage (kV)	7.2	12
Max. rated short-circuit current	10 kA	8 kA
Max. rated current	400 A (AC4)	
Versions	<ul style="list-style-type: none"> • Basic • Fixed • Withdrawable 	
Number of poles	3P	3P
Mechanical switching cycles (ON/OFF)	<ul style="list-style-type: none"> • 100 000 (mechanical latch) • 300 000 (magnetic held) 	
Mechanism	Magnetic holding or mechanical latch	
Standards	IEC	
Benefits		
	<ul style="list-style-type: none"> • 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		

Instrument Transformers

Low Power CTs and VTs

	Low Power Current Transformers LPCT		Low Power Voltage Transformers LPVT
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	<ul style="list-style-type: none"> • 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 		<ul style="list-style-type: none"> • Operating safety: no danger in the event of any accidental short-circuit of the secondary • Resistive divider insensible to ferroresonance
Web link			

	Fusarc CF	Solefuse	Tepefuse	MGK
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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	<ul style="list-style-type: none"> • Motors • Power Transformers • Capacitors • Metering Transformers 	<ul style="list-style-type: none"> • Power Transformers • Capacitors 	Voltage Transformers	Motors
Standards	<ul style="list-style-type: none"> • IEC 60282-1 • DIN 43625 • VDE 0670-402 	<ul style="list-style-type: none"> • IEC 60282-1 • UTE C64200, C64210 	<ul style="list-style-type: none"> • 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				

	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 21D 22D 23 23DM	🔗	🔗
Easergy T300	🔗	🔗
Easergy T200l	🔗	🔗
Easergy Flair 200C	🔗	🔗
Easergy PS100	🔗	🔗
Voltage presence		
VPIS V2	🔗	🔗
VPIS V3	🔗	🔗
VD23		🔗

	Web link	Catalog link
Easergy protection relays		
P1	🔗	🔗
P3	🔗	🔗
P5	🔗	🔗
VIP Relay		
VIP40/45		🔗
VIP400/415		🔗
MiCOM protection relays		
P111	🔗	🔗
P115/P116	🔗	🔗
P30	🔗	🔗
P40	🔗	🔗
Sepam protection relays		
Series 60	🔗	🔗
series 80	🔗	🔗
Easergy Arc detection and protection		
V125	🔗	🔗
V121	🔗	🔗
V221	🔗	🔗
V321	🔗	🔗

Notes

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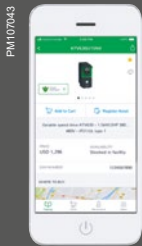
You'll get:

- Productivity tools
- Personalized resources
- Collaborative sales support
- Trainings

Get Support anytime



- Access 24/7 self-service, mobile catalog & access to expert help
- Offline & online catalog
- Get trainings, Advanced support



PM107043

Collaborate, find solution and make business



- Get to Schneider Electric Exchange find solution develop business
- Schneider Electric Exchange is an online community where individuals can do business
- Whether you're seeking find Solutions or have products, services, and advice to share
- We'll help you connect with peers, technology partners, and experts to gain a competitive edge

Select and Design

Advanced WEB functionalities that help to:

- Select and compare components
- Build easily your technical documentation with ready to use tools (CAD, export files...)



PM107044

Configure and Quote

Simplified and validated configuration

- Always updated technical content
- Ready to use data and documentation for your projects
- Last minute changes
- Manage and track your orders



PM107046

Manage your installed base

Digital Logbook, where you can find all of the documents you'll need during your circuit breakers' manufacturing, installation, operation, and maintenance from anywhere, in a single, secured paperless environment.

- User manuals
- Design drawings
- Single-line drawings
- Factory and site acceptance tests
- Spare parts lists
- Maintenance records, schedules and more





Technical literatures to deepen or enlarge your knowledge

- Access to WIKI Electrical Installation guide
- Network Protection & Automation Guide (NPAG) eBook
- EcoStruxure Power Digital Applications Design Guide
- Guide To Transforming Electrical Distribution with Data
- Arc flash eGuide: Helping protect people and systems from arc flash in medium voltage equipment



Literatures for Partners involved in MV design

- mySchneider Panel builder program
- MV components catalog
- Contractor catalog
- Electrical Fire Prevention Guide
- Continuous Thermal Monitoring eGuide

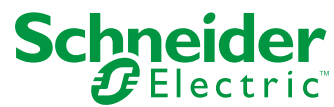


Software & tools for enhanced productivity

- Specifiers eGuide
- Contractors eGuide
- Panel builders eguide



Life Is On



Green Premium™ ecolabel product -
Sustainable performance, by design

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