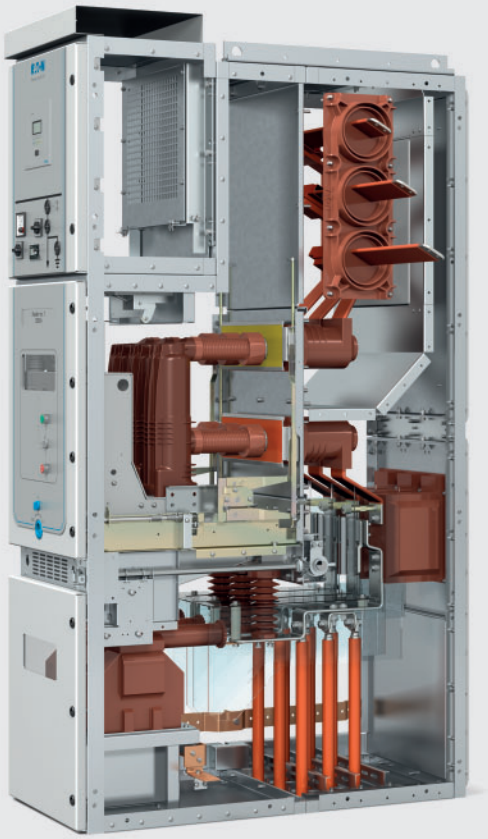
Power Xpert® UX
IEC withdrawable Medium Voltage switchgear

UX

SF6 FREE

The safe, reliable, and efficient choice for MV switchgear resulting in a low total cost of ownership.

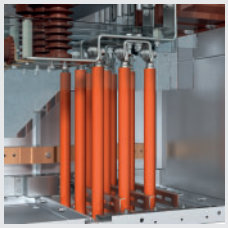


Features and benefits

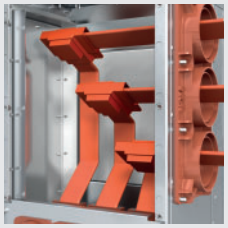
- Air insulated
- Compact, 600 mm width
- W-VACi vacuum circuit breakers with world leading vacuum technology
- LSC2B-PM type according to IEC 62271-200
- Fully third-party type tested to IEC 62271-200
- Solid cast-resin insulation technology
- AFLR internal arc classification up to 40 kA - 1 s and 50 kA - 0.5 s
- Comprehensive list of safety mechanical interlocks
- Low total cost of ownership resulting from low initial, operating, maintenance, and disposal costs

Application area

- Power Distribution
- Water treatment
- Mining
- Oil and Gas
- Commercial buildings
- Airports and hospitals
- Industrial facilities
- Marine



Ample cable termination space with copper tails.



Totally enclosed and insulated busbar.

System		12 kV	17.5 kV	24 kV
Rated voltage	kV	12	17.5	24
Lightning impulse withstand voltage	kV	75	95	125
Power frequency withstand voltage	kV	28	38	50
Rated frequency	Hz	50/60	50/60	50/60
Internal arc class		AFLR	AFLR	AFLR
Loss of service continuity category		LSC2B	LSC2B	LSC2B
Partition class		PM	PM	PM
Earthing circuit	kA - s	25 - 3; 26.3 - 3; 31.5 - 3; 40 - 3; 50 - 1		20 - 3; 25 - 3
External degree of protection		IP4X (IP41 as an option)		
Internal degree of protection		IP2X (IP3X as an option)		
Busbar system				
Rated normal current	A	1250, 1600, 2000, 2500, 3150, 4000 (FC*))		1250, 2000, 2500
Rated short-time withstand current	kA - 3 s	25 / 26.3 / 31.5 /40 / 50		20 / 25
Circuit-breaker ratings				
Rated normal current	A	630, 1250, 2000, 2500, 3150, 4000 (FC*))		800, 1250, 2000, 2500
Rated short-circuit breaking current	kA	26.3 / 31.5 / 40 / 50		20 / 25

*) FC = Fan Cooled.

EATON

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