

TECHNICAL DATA

Smart Ring	Vacuum Circuit Breaker	Earthing Switch
Rated Voltage (kV)	12	12
Power frequency withstand voltage (kV)		
- Phase-to-earth (Europe)	28	28
- Phase-to-phase (Europe)	32	32
- Between open contacts (Europe)	42	42
- Phase-to-earth (China)	42	42
Impulse withstand voltage (kV)		
- Phase-to-earth (Europe)	75	75
- Phase-to-phase (Europe)	85	85
- Between open contacts (Europe)	95	95
- Phase-to-earth (China)	75	75
	95	95
Temperature rise test with load, (50 Hz)		
- Europe	630A	
- China	1,1x639 = 693A	
Mechanical operation test, circuit breaker (Europe)	2000 operating cycles (close-to-open)	
Mechanical operation test, earthing switch (Europe)	1000 operating cycles (close-to-open)	
Short-time withstand current test (Ik/Ip)		
- Europe	20kA/50kA, 2 sec	
- China	20kA/50kA, 4 sec	
Making and breaking capacity of circuit breakers:		
- Europe	20 kA (5 times at 100%)	
- China	20 kA (30 times at 100%) class E2	
Making capacity of earthing switch:		
- Europe	20 kA, 2 times class E1	
- China	20 kA, 5 times class E2	

Enclosure acc. To IEC 62271-200
IP4X, LSC2B