

Parameter Category	Specification	Notes
Rated Voltage	12 kV	Standard for distribution networks
Rated Current	400A, 630A, 1250A	Common ratings available
Rated Short-Time Withstand Current	16 kA, 20 kA, 25 kA	
Rated Short-Circuit Breaking Current	16 kA, 20 kA, 25 kA	
Rated Peak Withstand Current	40 kA, 50 kA, 63 kA	
Rated Insulation Level	Power Frequency: 42 kV / Lightning Impulse: 75 kV	(1 min)
Mechanical Life	10,000 operations	Minimum
Electrical Life	10,000 operations (at rated current)	
Interrupter Medium	Vacuum	Sealed in a ceramic bottle
Operating Mechanism	Spring / Electromagnetic	
Control Voltage	AC/DC 110V, 220V	Common options
Overall Dimensions (Approx.)	900 x 800 x 1200 mm (H x W x D)	Varies by configuration
Installation Method	Pole-Mounted / Ground-Mounted	Outdoor use
Ambient Temperature	-30°C to +40°C	