

▷ RMC(Ring Main Circuit breaker)

* Typical uses

- Simple outdoor substation, customer transfer substations and distribution substations Industrial plants and underground stations.

* Highly Reliability

- At atmospheric gas pressure, it ensure the rated insulation and interruption capabilities.
- Pure puffer techniques, no leakage current path between open contacts.
- Switchgear vessel made of stainless steel.
- Maintenance-free concept.
- SF6 gas insulation and interruption.
- Sealed pressure system.
- Climate-independent.

* Safety

- Safe-to-touch and hermetically sealed enclosure.
- Overpressure relief device.
- Pad lock.
- Easy installation and operation.

* Control

- Close/open.
- Lock/Unlock.
- Local/Remote.
- Voltage/Current measuring and auxiliary contacts for FRTU.
- Rechargeable battery with the charger.

*Relay

- DSP, μ -processor based relay.
- Dual Overcurrent reclosing relay(CB).
- Fault indicator.



Ambient temperature	-25 ~ 70 °C
Relative humidity	0 ~ 95%
Maximum altitude	2000m
Rated voltage	12kV 27kV
Rated frequency	50Hz 60Hz
Mechanical endurance	
Circuit Breaker	10,000CO 2000CO
Switch	5,000CO 1,000CO
Earthing Switch	1,000CO 1,000CO
Dielectric tests	
Lighting impulse	85/95kV 125kV
Power frequency 1min	42/49kV 60kV
Short-circuit tests	
Main circuit switch	20kA 4sec 12.5kA 1sec
T10	O-0.3s CO-180s-CO / 1time
T30	O-0.3s CO-180s-CO / 1time
T60	O-0.3s CO-180s-CO / 1time
T100s	O-0.3s CO-180s-CO / 2time
	O/10times, CO/11times
T100a	O/3times
Earthing fault	O-0.3s CO-180s-CO / 1time
Temperature rise test	
Main circuit switch	630A
Gas leak test	
Leak rate	less than 0.1% per year
Rated filling pressure	0.3 kgf/cm ² G 0.5 kgf/cm ² G