

▷RMF(Ring Mian Fuse-switch combination)

* 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

- Operation interlock with manual shutter
- Safe-to-touch and hermetically sealed enclosure
- HV parts are only accessible when outgoing feeders are earthed
- Overpressure relief device
- Pad lock
- Easy installation and operation
- The speed of close/open is independent of the speed of lever movement

Ambient temperature	-25 ~ 70 °C
Relative humidity	0 ~ 95%
Maximum altitude	2000m
Rated voltage	12kV 27kV
Rated frequency	50Hz 60Hz
Mechanical endurance	
Switch	5,000CO
Earthing Switch	1,000CO
Dielectric tests	
Lighting impulse	85/95kV 125kV
Power frequency 1min	42/49kV 60kV
Short-circuit tests	
Main circuit switch	25kA 2sec 12.5kA 1sec
Earthing Switch	25kA 1sec 20kA 1sec
Make-break tests	
Active load	630A
Closed loop	630A
Cable charging	25A
Line charging	2.5A
Earthing fault	30A
Transfer current	1550A 1250A
Making tests	
switch	63kA peak, 3C 50kA peak, 2C
Fuse-switch combination	31.5kA
Temperature rise test	
Main circuit switch	630A
Fuse-switch combination	125A
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
Protection class	
Tank	IP67
Fuse Door, Cable compartment	IP3X