

Circuit Breaker's Accessories

Description

Applicable to relative circuit breaker (MCB or RCBO), used for remote control and signaling.



Combination Scheme

OF	Circuit Breaker	MX or MV+MN	Circuit Breaker	MX + OF	Circuit Breaker	MV+MN + OF	Circuit Breaker
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A

OF: Auxiliary Contact

- Contact capacity:
 - AC-12: $U_n=415V$ $I_n=3A$
 $U_n=240V$ $I_n=6A$
 - DC-12: $U_n=130V$ $I_n=1A$
 $U_n=60V$ $I_n=1.5A$
 $U_n=48V$ $I_n=2A$
 $U_n=24V$ $I_n=6A$
- Dielectric strength: 2kV/1min
- Electro-mechanical endurance: ≥ 5000
- Mounted on the left side of the circuit breaker, indicating "ON", "OFF" status of combined circuit breaker.

MX: Shunt release

- Rated insulating voltage (U_i): 500V
- Rated power voltage (U_s): AC230/400, AC/DC24, AC/DC48
- Operate voltage range: 70~100% U_s
- Dielectric strength: 2kV/1min
- Electro-mechanical endurance: ≥ 4000
- Mounted on the left side of circuit breaker, used to trip the combined circuit breaker by remote controlling device.

MV+MN: Over/Under-voltage release

- Rated voltage (U_e): AC 230V
- Rated insulating voltage (U_i): 500V
- Over/under-voltage tripping range:
 - MV (over-voltage): $280V \pm 5\%$
 - MN (under-voltage): $170V \pm 5\%$
- Electro-mechanical endurance: ≥ 4000
- Mounted on the left side of circuit breaker, actuate the combined device to trip in case of over/under-voltage, effectively prevent the device from closing operation under abnormal power voltage condition.