

□ Technical data

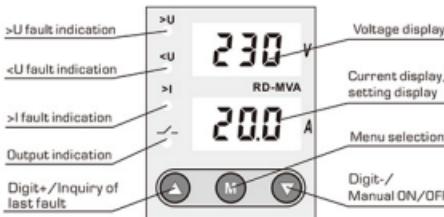
Rated supply voltage	AC 220V
Operation voltage range	AC 100V~400V
Rated frequency	50/60Hz
Oversupply(U>) setting range	220~275V
Undervoltage(U<) setting range	160~210V
Hysteresis	>U:5V; <U:3V
Reset/start delay	Ts: 5s~600s
Oversupply faults trip delay range	Ta: 5s~600s
Oversupply(U>) trip delay	<0.5s
Undervoltage(U<) trip delay	≥120V:0.5s, <120V: 0.1s
Oversupply(I>) trip delay	In>r * I _{max} : Ta; In * I _{max} : ≤0.1s
Voltage measurement accuracy	2%{over the whole range}
Rated insulation voltage	400V
Output contact	1NO
Electrical life	10 ⁵
Mechanical life	10 ⁸
Protection degree	IP20
Pollution degree	3
Altitude	≤2000m

* Operating current value

Technical parameter	Setting range	Step	Factory setting
Oversupply trip value	220V~300V	1V	250V
Undervoltage trip value	120V~210V	1V	170V
Reset/start delay	5s~600s	1s	5s
Oversupply faults trip delay	5s~600s	1s	90s

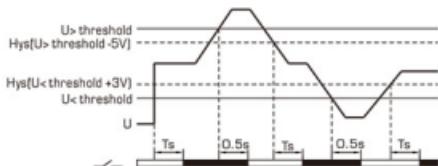
Current specification	25A	32A	40A	50A	63A
Rated operation current(In, A)	1.25	1.32	1.40	1.65	1.63
Maximum operating current I _{max} (A, within 10min)	32	40	50	60	80
Max. power of load(kW)	5.5	7	8.8	11	13.9
Maximum wire size(mm ²)	6	8	10	16	16

□ Front panel

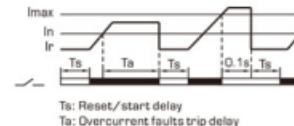


□ Function diagrams

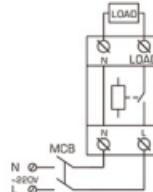
● Overvoltage and undervoltage



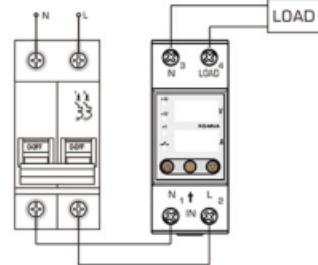
● Overcurrent



□ Symbol



□ Wiring diagram



● Rated operating current of circuit breaker is 75% maximum current of the relay
 $I_e = 0.75 \times I_{max}$