

RSC-MP-6.3

Bimetallic thermal relay for RSC09 ... RSC16 | 5 pole | 0.1 ... 10 A



Main circuit	
Available contact materials	⚡ AgNi
Rated voltage	690 V AC
Rated current AC-1	0.1 A
Overload current	72 A (100 ms)
Electrical endurance at rated load AC-1 (cycles)	see fig. 2
Control circuit	
Phase loss protection	Yes
Ambient temperature compensation	Yes
Reset mode	manual / automatic
Rated operational current auxiliary contact AC-15	3 A, 250 V
Insulation	
Rated insulation voltage	690 V AC
Rated impulse withstand voltage	6 kV
Pollution degree	3
Overvoltage category	III
Wiring	
Contact type auxiliary circuit	Screw connection, M3 / M4
Conductor cross section auxiliary circuit	2.5 mm ² / 10 mm ²
Stripping Length auxiliary circuit	9 mm / 10 mm
Nominal screw torque auxiliary circuit	0.8 Nm / 1.2 Nm
Screwdrive auxiliary circuit	PZ2 / PZ2
Housing and environmental conditions	
Storage temperature (no ice)	-25 ... 70 °C
Operation temperature	-5 ... 55 °C
Ingress Protection	IP 20
Weight	115 g
Color	
Housing material	PA 66
Operation Altitude	Max. 2 000 m
Operation Position	vertical
Dimensions	see fig. 3

Product references		
Description	Type	
Bimetallic thermal relay 4.5 – 6.3		RSC-MP-6.3



fig. 1. Wiring diagram

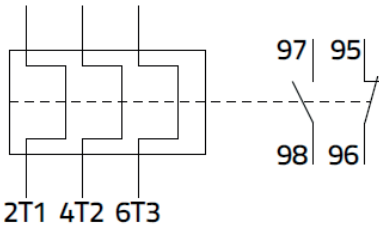


fig. 2. AC voltage endurance

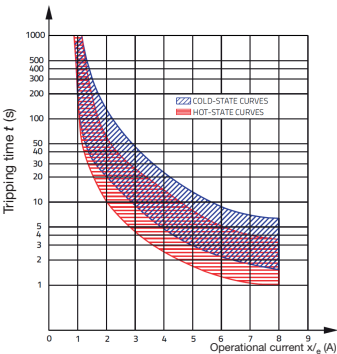
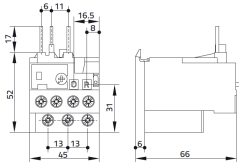


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Approvals