

RSC-MP-1.6

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



|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| <b>Main circuit</b>                               |                                          |
| 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                               |
| <b>Control circuit</b>                            |                                          |
| Phase loss protection                             | Yes                                      |
| Ambient temperature compensation                  | Yes                                      |
| Reset mode                                        | manual / automatic                       |
| Rated operational current auxiliary contact AC-15 | 3 A, 250 V                               |
| <b>Insulation</b>                                 |                                          |
| Rated insulation voltage                          | 690 V AC                                 |
| Rated impulse withstand voltage                   | 6 kV                                     |
| Pollution degree                                  | 3                                        |
| Overvoltage category                              | III                                      |
| <b>Wiring</b>                                     |                                          |
| Contact type auxiliary circuit                    | Screw connection, M3 / M4                |
| Conductor cross section auxiliary circuit         | 2.5 mm <sup>2</sup> / 10 mm <sup>2</sup> |
| Stripping Length auxiliary circuit                | 9 mm / 10 mm                             |
| Nominal screw torque auxiliary circuit            | 0.8 Nm / 1.2 Nm                          |
| Screwdrive auxiliary circuit                      | PZ2 / PZ2                                |
| <b>Housing and environmental conditions</b>       |                                          |
| 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                               |

|                                    |             |            |
|------------------------------------|-------------|------------|
| <b>Product references</b>          |             |            |
| <b>Description</b>                 | <b>Type</b> |            |
| Bimetallic thermal relay 1.1 – 1.6 |             | RSC-MP-1.6 |



fig. 1. Wiring diagram

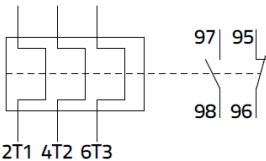


fig. 2. AC voltage endurance

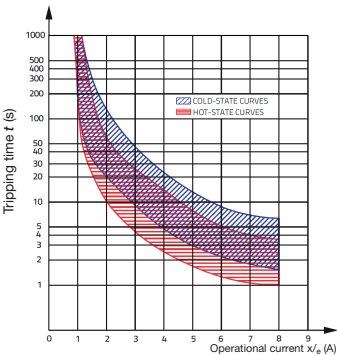
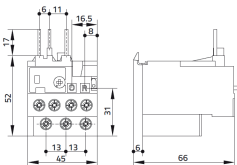


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Approvals