

RMC-AUX02

Auxiliary contacts for RMC contactors | 2 or 4 pole | 6 A



| <b>Main circuit</b>                                 |                                                                                        |           |
|-----------------------------------------------------|----------------------------------------------------------------------------------------|-----------|
| Available contact materials                         |  AgNi |           |
| Rated voltage                                       | 690 V                                                                                  |           |
| Rated current AC-1                                  | 20 A                                                                                   |           |
| Rated current AC-3                                  | 6 A, 230 V                                                                             |           |
| Rated current DC-3                                  | 0.15 A, 110 V DC                                                                       |           |
| Recommended minimum contact load                    | 50 mA, 17 V                                                                            |           |
| Mechanical endurance (cycles)                       | ≥ 1 x 10 <sup>7</sup>                                                                  |           |
| Electrical endurance at rated load AC-1 (cycles)    | ≥ 5 x 10 <sup>5</sup>                                                                  |           |
| Electrical endurance at rated load DC-13 (cycles)   | ≥ 5 x 10 <sup>5</sup>                                                                  |           |
| Switching frequency at rated load AC-1 (cycles / h) | ≤ 1 200                                                                                |           |
| Switching frequency at rated load DC-3 (cycles / h) | ≤ 1 200                                                                                |           |
| <b>Insulation</b>                                   |                                                                                        |           |
| Rated insulation voltage                            | 690 V                                                                                  |           |
| Rated impulse withstand voltage                     | 6 kV                                                                                   |           |
| Pollution degree                                    | 3                                                                                      |           |
| <b>Wiring</b>                                       |                                                                                        |           |
| Contact type auxiliary circuit                      | Screw connection, M3.5                                                                 |           |
| Conductor cross section auxiliary circuit           | 2.5 mm <sup>2</sup>                                                                    |           |
| Stripping Length auxiliary circuit                  | 10 mm                                                                                  |           |
| Nominal screw torque auxiliary circuit              | 1.2 Nm                                                                                 |           |
| Screwdrive auxiliary circuit                        | PZ2                                                                                    |           |
| <b>Housing and environmental conditions</b>         |                                                                                        |           |
| Storage temperature (no ice)                        | -30 ... 80 °C                                                                          |           |
| Operation temperature                               | -20 ... 60 °C                                                                          |           |
| Relative humidity, no condensation                  | 95 %                                                                                   |           |
| Ingress Protection                                  | IP 20                                                                                  |           |
| Weight                                              | 20 g (2 pole) / 40 g (4 pole)                                                          |           |
| Color                                               |                                                                                        |           |
| Housing material                                    | PA 66                                                                                  |           |
| Operation Altitude                                  | Max. 2 000 m                                                                           |           |
| Dimensions                                          | see fig. 2                                                                             |           |
| <b>Product references</b>                           |                                                                                        |           |
| Description                                         | Type                                                                                   |           |
| 2 NC                                                |                                                                                        | RMC-AUX02 |



fig. 1. Wiring diagram

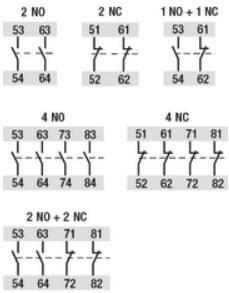
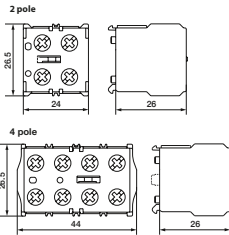


fig. 2. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Approvals   