



#### General ordering data

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Order No.        | 8690200000                                             |
| Part designation | RCM570024                                              |
| Version          | Relay, 4 CO contact, 24 V DC , 6 A, Plug-in connection |
| EAN              | 4032248360833                                          |
| Qty.             | 10 pc(s).                                              |

#### Input

|                                                |              |
|------------------------------------------------|--------------|
| Rated control voltage                          | 24 V DC      |
| Pull-in (sparkover) / drop-out voltage DC coil | 18 V / 2.4 V |
| Rated current DC                               | 31.3 mA      |
| Power rating                                   | 750 mW       |

#### Output

|                                |             |
|--------------------------------|-------------|
| Continuous current             | 6 A         |
| Max. switching power           | 1500 VA     |
| Max. switching voltage AC      | 250 V       |
| Sparkover time / Drop-out time | 15ms / 10ms |

#### Contact data

|                         |                                  |
|-------------------------|----------------------------------|
| Number of contacts      | 4                                |
| Contact base material   | AgNi 90/10                       |
| Mechanical service life | $30 \cdot 10^6$ switching cycles |

#### Rated data

|                                   |                    |
|-----------------------------------|--------------------|
| Connection system                 | Plug-in connection |
| DIN Rail compatibility            | TS 35              |
| UL 94 flammability class          | V-0                |
| Ambient temperature (operational) | -40 °C...+70 °C    |

#### Insulation coordination (EN 50 178)

|                                                              |     |
|--------------------------------------------------------------|-----|
| Clearance and creepage distances for control side $\leq$ 3mm |     |
| - load side                                                  |     |
| Overvoltage category                                         | III |

**Insulation coordination (EN 50 178)**

|                    |       |
|--------------------|-------|
| Pollution severity | 2     |
| Protection class   | IP 20 |

**Dimensions**

|        |         |
|--------|---------|
| Length | 28 mm   |
| Height | 29 mm   |
| Width  | 22.5 mm |

**Approvals**

Approvals institutes

**Classifications**

|            |             |
|------------|-------------|
| ETIM 2.0   | EC001437    |
| ETIM 3.0   | EC001437    |
| eClass 4.1 | 40-02-06-14 |
| eClass 5.0 | 27-37-16-01 |
| eClass 5.1 | 27-37-16-01 |

**Similar products**

| Order No.  | Part designation | Version                                                 |
|------------|------------------|---------------------------------------------------------|
| 8074650000 | RCM570006        | Relay, 4 CO contact, 6 V DC , 6 A, Plug-in connection   |
| 8054360000 | RCM570012        | Relay, 4 CO contact, 12 V DC , 6 A, Plug-in connection  |
| 8074670000 | RCM570048        | Relay, 4 CO contact, 48 V DC , 6 A, Plug-in connection  |
| 8074680000 | RCM570060        | Relay, 4 CO contact, 60 V DC , 6 A, Plug-in connection  |
| 8074700000 | RCM570110        | Relay, 4 CO contact, 110 V DC , 6 A, Plug-in connection |
| 8636230000 | RCM570220        | Relay, 4 CO contact, 220 V DC , 6 A, Plug-in connection |
| 8074760000 | RCM570512        | Relay, 4 CO contact, 12 V AC , 6 A, Plug-in connection  |
| 8690110000 | RCM570524        | Relay, 4 CO contact, 24 V AC , 6 A, Plug-in connection  |
| 1180900000 | RCM570548        | Relay, 4 CO contact, 48 V AC , 6 A, Plug-in connection  |
| 1180800000 | RCM570615        | Relay, 4 CO contact, 115 V AC , 6 A, Plug-in connection |
| 1181100000 | RCM570730        | Relay, 4 CO contact, 230 V AC , 6 A, Plug-in connection |
| 8690180000 | RCM570L12        | Relay, 4 CO contact, 12 V DC , 6 A, Plug-in connection  |
| 8690220000 | RCM570L24        | Relay, 4 CO contact, 24 V DC , 6 A, Plug-in connection  |
| 8690230000 | RCM570L48        | Relay, 4 CO contact, 48 V DC , 6 A, Plug-in connection  |
| 8690240000 | RCM570M10        | Relay, 4 CO contact, 110 V DC , 6 A, Plug-in connection |
| 8690100000 | RCM570R12        | Relay, 4 CO contact, 12 V AC , 6 A, Plug-in connection  |
| 8690120000 | RCM570R24        | Relay, 4 CO contact, 24 V AC , 6 A, Plug-in connection  |
| 8690130000 | RCM570R48        | Relay, 4 CO contact, 48 V AC , 6 A, Plug-in connection  |
| 8690150000 | RCM570S15        | Relay, 4 CO contact, 115 V AC , 6 A, Plug-in connection |
| 8690160000 | RCM570T30        | Relay, 4 CO contact, 230 V AC , 6 A, Plug-in connection |
| 8694210000 | RCM571024        | Relay, 4 CO contact, 24 V DC , 6 A, Plug-in connection  |
| 8694470000 | RCM571048        | Relay, 4 CO contact, 48 V DC , 6 A, Plug-in connection  |
| 8694260000 | RCM571524        | Relay, 4 CO contact, 24 V AC , 6 A, Plug-in connection  |
| 8694380000 | RCM571730        | Relay, 4 CO contact, 230 V AC , 6 A, Plug-in connection |