

Power PCB Relay RT2 (Continued)

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

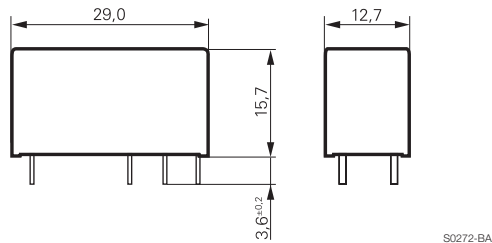
| | |
|--|---------------------------------------|
| Ambient temperature | -40 to 85°C |
| Category of environmental protection | IEC 61810 |
| | RTII - flux proof, RTIII - wash tight |
| Vibration resistance (functional), form A/form B contact, 30 to 300Hz | 20g/5g |
| Shock resistance (destructive) | 100g |
| Terminal type | PCB-THT, plug-in |
| Weight | 13g |
| Resistance to soldering heat THT, IEC 60068-2-20 | |
| RTII | 270°C/10s |
| RTIII | 260°C/5s |
| Packaging/unit | tube/20pcs., box/500pcs. |

Accessories

For details see datasheet [Accessories Industrial Power Relay RT](#)

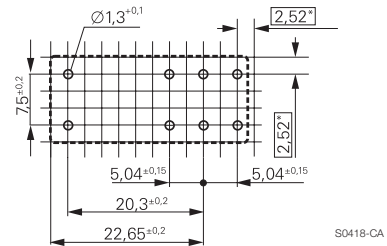
NOTE: indicated contact ratings and electrical endurance data for direct wiring of relays (according IEC 61810-1); for relays mounted on sockets deratings may apply.

Dimensions



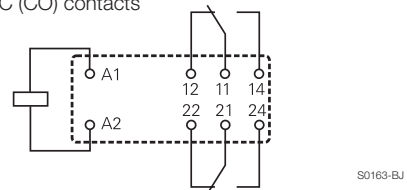
PCB layout / terminal assignment

Bottom view on solder pins

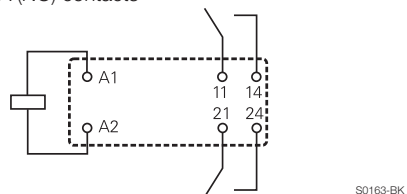


*) With the recommended PCB hole sizes a grid pattern from 2.5mm to 2.54mm can be used.

2 form C (CO) contacts



2 form A (NO) contacts



Power PCB Relay RT2 (Continued)

| Product code structure | | Typical product code | | | | | |
|--|-----------------------------|----------------------|---|---|---|-----|---|
| Type | RT Power PCB Relay RT2 | RT | 4 | 2 | 4 | 024 | F |
| Version | | | | | | | |
| 4 | 8A, pinning 5mm, flux proof | | | | | | |
| E | 8A, pinning 5mm, wash tight | | | | | | |
| Contact arrangement | | | | | | | |
| 2 | 2 form C (CO) contacts | | | | | | |
| 4 | 2 form A (NO) contacts | | | | | | |
| Contact material | | | | | | | |
| 4 | AgNi 90/10 | | | | | | |
| Coil | | | | | | | |
| Coil code: please refer to coil versions table | | | | | | | |
| Version | | | | | | | |
| F | Standard version | | | | | | |

| Product code | Version | Contacts | Contact material | Coil | Part number |
|--------------|--------------|------------------------|------------------|-------|-------------|
| RT424005F | 8A, | 2 form C (CO) contacts | AgNi 90/10 | 5VDC | 1-1419108-6 |
| RT424012F | pinning 5mm, | | | 12VDC | 2-1393237-8 |
| RT424024F | flux proof | | | 24VDC | 1-1419108-7 |
| RT444012F | | 2 form A (NO) contacts | | 12VDC | 1-1419108-9 |
| RT444024F | | | | 24VDC | 2-1419108-0 |
| RTE24005F | 8A, | 2 form C (CO) contacts | | 5VDC | 4-1419108-0 |
| RTE24006F | pinning 5mm, | | | 6VDC | 6-1393227-5 |
| RTE24009F | wash tight | | | 9VDC | 3-1393237-0 |
| RTE24012F | | | | 12VDC | 3-1393237-1 |
| RTE24024F | | | | 24VDC | 3-1393237-3 |
| RTE24048F | | | | 48VDC | 3-1393237-4 |
| RTE44012F | | 2 form A (NO) contacts | | 12VDC | 4-1419108-2 |
| RTE44024F | | | | 24VDC | 3-1393237-5 |

This list represents the most common types and does not show all variants covered by this datasheet.
Other types on request