

Power PCB Relay RT2 DC and AC (for Asia/Pacific markets) (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

Resistance to heat and fire

according EN60335, par30 WG version

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 PCB-THT, plug-in

Terminal type

13g

Weight

Resistance to soldering heat THT, IEC 60068-2-20

RTII RTIII

270°C/10s 260°C/5s

Packaging/unit

tube/20pcs., box/500pcs

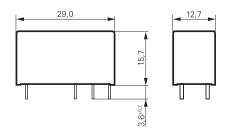
Accessories

For details see datasheet

Accessories Industrial Power Relay RT

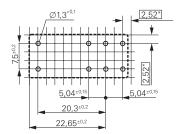
NOTE: indicated contact ratings and electrical endurance data for direct wiring of relays (according IEC 61810-1); for relays mounted on sockets deratings may apply.

Dimensions

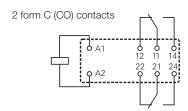


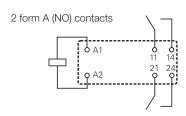
PCB layout / terminal assignment

Bottom view on solder pins



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







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| Product code structure Typical product code RT | | | | | | | 4 | 024 | |
|--|--------------|--|--|--|--|--|---|-----|--|
| Туре | | | | | | | | | |
| R | T Pov | ver PCB Relay RT2 | | | | | | | |
| Version | | | | | | | | | |
| 4 | 8A, | pinning 5mm, flux proof | | | | | | | |
| E | 8A, | pinning 5mm, wash tight (not for Reflow version) | | | | | | | |
| Contact a | arran | gement | | | | | | | |
| 2 | 2 fo | rm C (CO) contacts | | | | | | | |
| 4 | 2 fo | rm A (NO) contacts | | | | | | | |
| Contact material | | | | | | | | | |
| 3 | AgS | SnO | | | | | | | |
| 4 | AgN | Ni 90/10 | | | | | | | |
| 5 | AgN | li 90/10 gold plated | | | | | | | |
| Coil | | | | | | | | | |
| Co | oil coc | le: please refer to coil versions table | | | | | | | |
| Version | | | | | | | | | |
| BI | lank | Standard version | | | | | | | |
| W | /G | Product in accordance with IEC 60335-1 (domestic appliances) | | | | | | | |
| R | | Reflow solderable | | | | | | | |

| Product code | Version | Contact | Contact Material | Coil | Version | Part number |
|--------------|---------------|---------------|------------------|--------|-----------------------|-------------|
| RT424005 | 8A, | 2 form C (CO) | AgNi 90/10 | 5VDC | standard | 1-1649329-0 |
| RT424006 | pinning 5 mm, | contacts | | 6VDC | | 1-1649329-1 |
| RT424009 | flux proof | | | 9VDC | | 1-1649329-2 |
| RT424012 | | | | 12VDC | | 1-1649329-3 |
| RT424012WG | | | | 12VDC | IEC 60335-1 compliant | 8-1833003-5 |
| RT424024 | | | | 24VDC | standard | 1-1649329-5 |
| RT424048 | | | | 48VDC | | 1-1649329-6 |
| RT424060 | | | | 60VDC | | 1-1649329-7 |
| RT424110 | | | | 110VDC | | 1-1649329-8 |
| RT425005 | | | AgNi 90/10 | 5VDC | | 4-1649329-6 |
| RT425012 | | | gold plated | 12VDC | | 4-1649329-9 |
| RT425024 | | | | 24VDC | | 5-1649329-1 |
| RT444012 | | 2 form A (NO) | AgNi 90/10 | 12VDC | | 3-1649329-1 |
| RT444024 | | contacts | | 24VDC | | 3-1649329-3 |
| RTE24005 | 8A, | 2 form C (CO) | | 5VDC | | 1649329-1 |
| RTE24006 | pinning 5 mm, | contacts | | 6VDC | | 1649329-2 |
| RTE24012 | wash tight | | | 12VDC | | 1649329-4 |
| RTE24024 | | | | 24VDC | | 1649329-6 |
| RTE24048 | | | | 48VDC | | 1649329-7 |
| RTE24060 | | | | 60VDC | | 1649329-8 |
| RTE24110 | | | | 110VDC | | 1649329-9 |
| RTE25005 | | | AgNi 90/10 | 5VDC | | 3-1649329-7 |
| RTE25012 | | | gold plated | 12VDC | | 4-1649329-0 |
| RTE25024 | | | | 24VDC | | 4-1649329-2 |
| RTE44009 | | 2 form A (NO) | AgNi 90/10 | 9VDC | | 2-1649329-1 |
| RTE44012 | | contacts | | 12VDC | | 2-1649329-2 |
| RTE44024 | | | | 24VDC | | 2-1649329-4 |
| RTE44048 | | | | 48VDC | | 2-1649329-5 |