1-1419108-1 - ACTIVE

SCHRACK | SCHRACK Power PCB Relay RT1

TE Internal #: 1-1419108-1 General Purpose Power Relay, AC, Monostable, 1 Form C SPDT-CO, 16 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Power PCB Relay RT1

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: General Purpose Power Relay

Current Type: AC

Coil Magnetic System: Monostable

Contact Arrangement: 1 Form C SPDT-CO

Contact Current Rating: 16 A

Features

Product Type Features

Relay & Contactor Type

connectivity

General Purpose Power Relay

Configuration Features

| Contact Number of Poles | 1 |
|---|----------------------------|
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 1 Form C SPDT-CO |
| Electrical Characteristics | |
| Contact Limiting Short-Time Current | 16 A |
| Contact Limiting Making Current | 30 A |
| Contact Limiting Continuous Current | 16 A |
| Contact Limiting Breaking Current | 16 A |
| Insulation Initial Dielectric Between Open Contacts | 1000 Vrms |
| Contact Switching Voltage (Max) | 400 VAC |
| Coil Resistance | 32500 Ω |
| Coil Power Rating AC | .74 VA |
| Contact Current Rating | 16 A |
| Coil Voltage Rating | 230 VAC |
| Contact Voltage Rating | 250 VAC |

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| Body Features | |
|---|---|
| Body Features | |
| Product Weight | 14 g[.494 oz] |
| Enclosure Type | Flux Resistant Automatic Solder Capable |
| Contact Features | |
| Contact Plating Material | Gold |
| Contact Material | AgNi90/10 |
| Termination Features | |
| Main Termination & Connection Type | Solder Pins |
| Coil Termination & Connection Type | Solder Pins |
| Mechanical Attachment | |
| Product Mount Type | Board Mount |
| Dimensions | |
| Insulation Clearance Between Contact & Coil | 10 mm[.394 in] |
| Insulation Creepage Between Contact & Coil | 10 mm[.394 in] |
| Product Width | 12.7 mm[.5 in] |
| Product Length | 29 mm[1.14 in] |
| Product Height | 15.7 mm[.618 in] |
| Usage Conditions | |
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
| Environmental Category of Protection | RTII |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operation/Application | |
| Solder Process | Wave Solder Capable |
| Current Type | AC |
| Coil Magnetic System | Monostable |
| Packaging Features | |
| Packaging Method | Box & Tube, Carton |
| Other | |
| Contact Current Class | 16 A |
| Environmental Ambient Temperature Class | 50 – 70 °C |

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| Height Class (Mechanical) | 15 – 16 mm |
|---------------------------|------------|
| Length Class (Mechanical) | 25 – 30 mm |
| Width Class (Mechanical) | 12 – 16 mm |

Product Compliance

For compliance documentation, visit the product page on TE.com>

| EU RoHS Directive 2011/65/EU | Compliant |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

Product Compliance Disclaimer

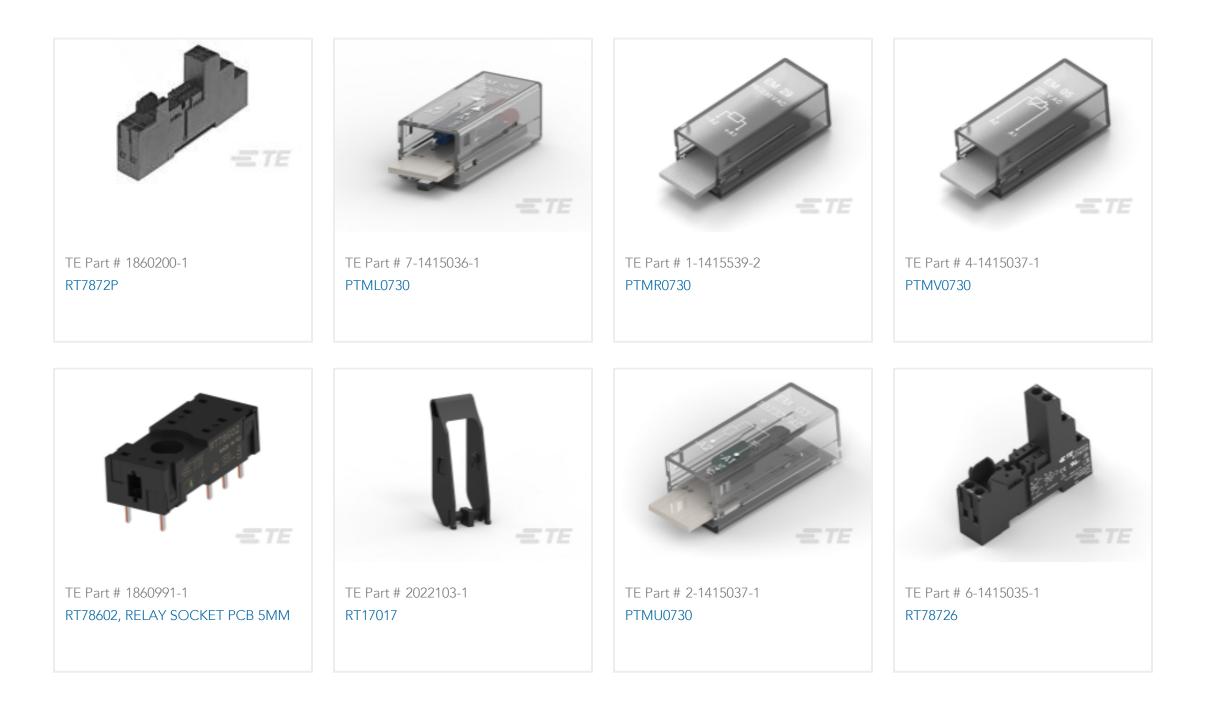
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



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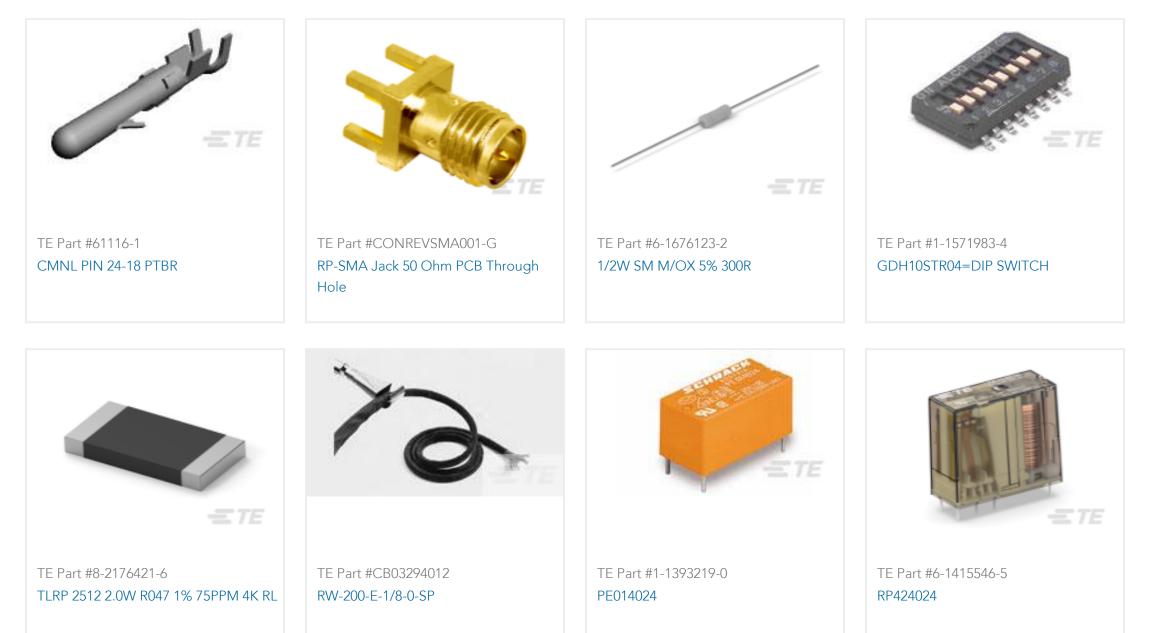
Also in the Series | SCHRACK Power PCB Relay RT1





General Purpose Power Relays(190)

Customers Also Bought



General Purpose Power Relay, AC, Monostable, 1 Form C SPDT-CO, 16 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Power PCB Relay RT1





Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-1419108-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1419108-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-1419108-1_F.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use

Datasheets & Catalog Pages Power PCB Relay RT1

English

Product Specifications Definitions General Purpose Relays

English

Agency Approvals **VDE** Certificate

English