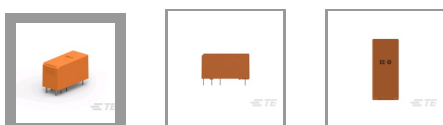




+ RELAYS, CONTACTORS & SWITCHES

POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)

## RZ03-1A3-D024-R

Schrack | RZ Power PCB Relay-1 pole

2-2158000-9

TE Internal Number: 2-2158000-9

EU RoHS Compliant

EU ELV Compliant

**Power Relay Type** Standard

**Coil Magnetic System** Monostable, DC

**Coil Power Rating Class (mW)** 400 – 500

**Coil Power Rating DC (mW)** 400

**Coil Resistance ( $\Omega$ )** 1440

### DOCUMENTATION

Product Specifications

Product Specification

#### Definitions Relays

PDF

English

### FEATURES

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

**Power Relay Type** Standard

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## Electrical Characteristics

**Contact Limiting Breaking Current (A)** 16  
**Coil Magnetic System** Monostable, DC  
**Coil Power Rating Class (mW)** 400 – 500  
**Coil Power Rating DC (mW)** 400  
**Coil Resistance ( $\Omega$ )** 1440  
**Coil Special Features** UL Coil Insulation Class F  
**Coil Voltage Rating (VDC)** 24  
**Contact Switching Voltage (Max) (VAC)** 400  
**Contact Voltage Rating (VAC)** 250  
**Insulation Initial Dielectric Between Contacts & Coil (Vrms)** 5000  
**Contact Limiting Continuous Current (A)** 16  
**Insulation Creepage Between Contact & Coil** 10 mm [ .394 in ]  
**Contact Limiting Making Current (A)** 30  
**Insulation Initial Dielectric Between Adjacent Contacts (Vrms)** 1000  
**Insulation Creepage Class (mm)** 8  
**Insulation Initial Dielectric Between Open Contacts (Vrms)** 1000  
**Insulation Initial Dielectric Between Coil & Contact Class (V)** 4000

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## Body Features

**Weight** 10 g [ .353 oz ]  
**Insulation Special Features** Tracking Index of Relay Base PTI250

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## Contact Features

**Contact Arrangement** 1 Form A (NO)  
**Contact Current Class (A)** 10 – 20, 16  
**Contact Current Rating (Max) (A)** 16  
**Contact Material** AgSnO<sub>2</sub>  
**Contact Number of Poles** 1  
**Terminal Type** PCB-THT

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## Mechanical Attachment

**Relay Mounting Type** Printed Circuit Board

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## Dimensions

**Width Class (Mechanical) (mm)** 12 – 16  
**Length** 29 mm [ 1.142 in ]  
**Insulation Clearance Class (mm)** 8  
**Width** 12.7 mm [ .5 in ]  
**Insulation Clearance Between Contact & Coil** 10 mm [ .394 in ]  
**Height Class (Mechanical) (mm)** 15 – 16  
**Height** 15.7 mm [ .618 in ]  
**Length Class (Mechanical) (mm)** 25 – 30

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## Usage Conditions

**Environmental Ambient Temperature Class (°C)** 70 – 85  
**Environmental Ambient Temperature (Max)** 85 °C [ 185 °F ]  
**Environmental Category of Protection** RTII

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## Packaging Features

**Packaging Method** Carton

Statement of Compliance

**Statement of Compliance**

PDF