

**3-2158000-1**

✓ ACTIVE

**SCHRACK | SCHRACK Power PCB Relay RZ**

TE Internal #: 3-2158000-1

Power Relays, General Purpose Power Relay, Monostable, 400 mW  
Coil Power Rating DC, 1440 Ω Coil Resistance, SCHRACK Power  
PCB Relay RZ[View on TE.com >](#)

Relays &amp; Contactors &gt; Relays &gt; Power Relays &gt; PCB Power Relay: 12-16 Amp, Monostable

Relay Type: **General Purpose Power Relay**Coil Magnetic System: **Monostable**Coil Power Rating DC: **400 mW**Coil Resistance: **1440 Ω**Coil Voltage Rating: **24 VDC**[All PCB Power Relay: 12-16 Amp, Monostable \(78\)](#)

## Features

### Product Type Features

Relay Type	General Purpose Power Relay
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### Configuration Features

Contact Arrangement	1 Form C (CO)
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Contact Number of Poles	1
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### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
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Contact Limiting Making Current	16 A
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Contact Limiting Short-Time Current	30 A
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Contact Limiting Continuous Current	16 A
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Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
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Contact Limiting Breaking Current	16 A
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Coil Power Rating DC	400 mW
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Coil Resistance	1440 Ω
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Coil Voltage Rating	24 VDC
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Contact Current Rating	16 A
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Contact Switching Load (Min)	100mA @ 12V
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Contact Switching Voltage (Max)	250 VDC
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Contact Voltage Rating	250 VDC
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#### Contact Features

Contact Material	AgSnO
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#### Termination Features

Relay Connection Type	PCB Termination
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Terminal Configuration	Solder Pins
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#### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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#### Dimensions

Insulation Creepage Between Contact & Coil	10 mm
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Insulation Clearance Between Contact & Coil	10 mm
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Product Width	12.7 mm[.5 in]
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Product Length	29 mm[1.14 in]
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Product Height	15.7 mm[.618 in]
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#### Usage Conditions

Environmental Ambient Temperature (Max)	85 °C
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Environmental Category of Protection	RTII
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#### Operation/Application

Actuating System	DC
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Solder Process	Wave Solder
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Coil Magnetic System	Monostable
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#### Packaging Features

Packaging Method	Box & Tube
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#### Other

Length Class (Mechanical)	25 – 30 mm
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Environmental Ambient Temperature Class	-40 – 85 °C
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Height Class (Mechanical)	15 – 16 mm
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Coil Power Rating Class	400 – 500 mW
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Width Class (Mechanical)	12 – 16 mm
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Contact Current Class	16 A
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#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

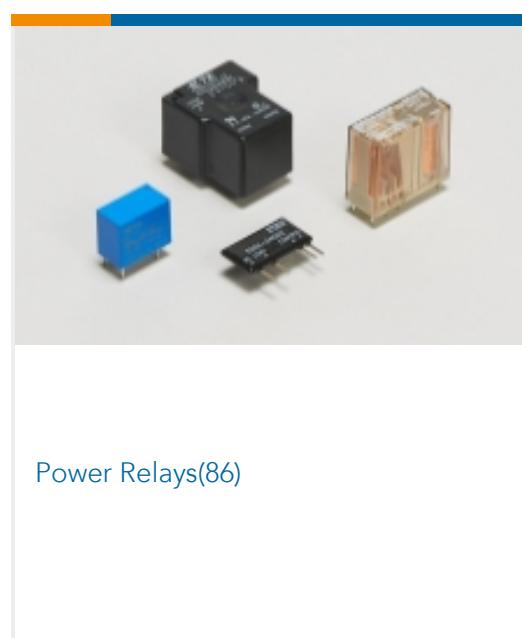
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

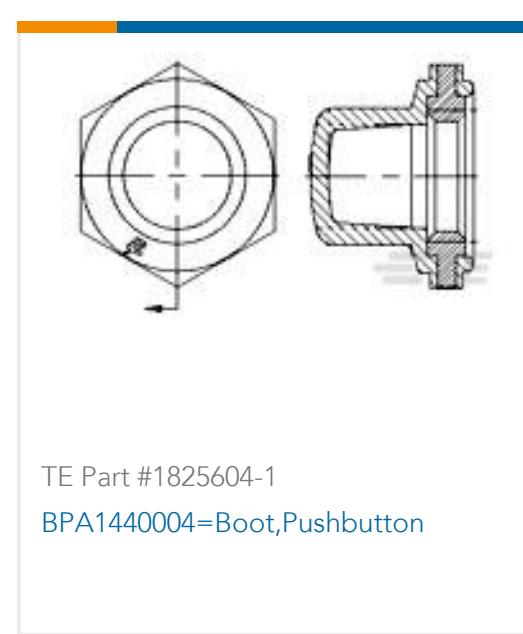
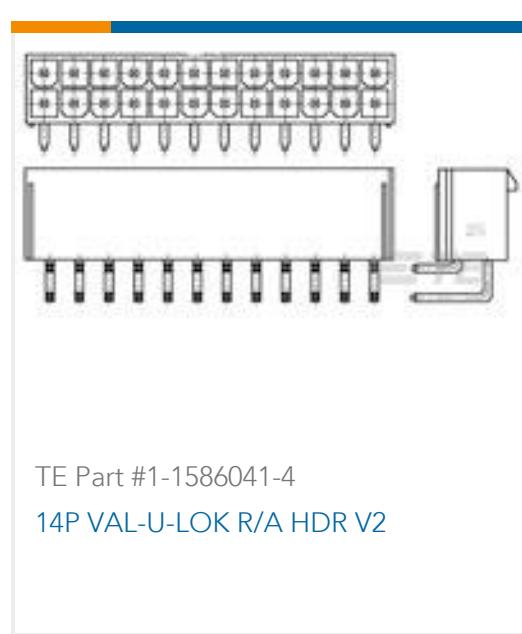


TE Part # 5-1415899-5  
RZ03-1C3-D024

Also in the Series | [SCHRACK Power PCB Relay RZ](#)



## Customers Also Bought



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-2158000-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-2158000-1\\_C.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_3-2158000-1\\_C.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 RZ Datasheet](#)

English

**Product Specifications**[Definitions General Purpose Relays](#)

English

**Agency Approvals**[VDE Certificate](#)

English