



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**  
Coil Magnetic System: **Monostable, AC**  
Coil Power Rating Class: **[.5 – 1 VA]**  
Coil Power Rating AC: **.77 VA**  
Coil Resistance: **350 Ω**

Features

Product Type Features

|                  |                          |
|------------------|--------------------------|
| Power Relay Type | Industrial Panel Plug-In |
|------------------|--------------------------|

Electrical Characteristics

|                                                            |                           |
|------------------------------------------------------------|---------------------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 4000 – 5000 V             |
| Insulation Initial Dielectric Between Contacts & Coil      | 5000 Vrms                 |
| Actuating System                                           | AC                        |
| Insulation Initial Dielectric Between Open Contacts        | 1000 Vrms                 |
| Contact Limiting Making Current                            | 15 A                      |
| Contact Limiting Short-Time Current                        | 8 A                       |
| Contact Limiting Continuous Current                        | 8 A                       |
| Insulation Creepage Class                                  | 5.5 – 8 mm                |
| Insulation Initial Dielectric Between Adjacent Contacts    | 2500 Vrms                 |
| Insulation Creepage Between Contact & Coil                 | 8 mm[.315 in]             |
| Contact Limiting Breaking Current                          | 8 A                       |
| Coil Magnetic System                                       | Monostable, AC            |
|                                                            | .5 – 1 VA                 |
| Coil Power Rating AC                                       | .77 VA                    |
| Coil Resistance                                            | 350 Ω                     |
| Coil Special Features                                      | Electrical Indicator, LED |
|                                                            |                           |



|                                 |         |
|---------------------------------|---------|
| Coil Voltage Rating             | 24 VAC  |
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Voltage Rating          | 240 VAC |

Body Features

|                             |                                     |
|-----------------------------|-------------------------------------|
| Insulation Special Features | Tracking Index of Relay Base PTI175 |
| Product Weight              | 56 g[1.977 oz]                      |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Arrangement          | 2 Form C (CO)   |
| Contact Current Class        | 5 – 10 A, 16 A  |
| Contact Current Rating (Max) | 8 A             |
| Contact Material             | AgNi90/10       |
| Contact Number of Poles      | 2               |
| Terminal Type                | Screw Terminals |

Mechanical Attachment

|                     |          |
|---------------------|----------|
| Relay Mounting Type | DIN Rail |
|---------------------|----------|

Dimensions

|                                             |                  |
|---------------------------------------------|------------------|
| Insulation Clearance Class                  | 5 – 8 mm         |
| Insulation Clearance Between Contact & Coil | 8 mm[.315 in]    |
| Width Class (Mechanical)                    | 12 – 16 mm       |
| Product Width                               | 15.8 mm[.622 in] |
| Product Length                              | 77 mm[3.031 in]  |
| Product Height                              | 69 mm[2.716 in]  |

Usage Conditions

|                                         |               |
|-----------------------------------------|---------------|
| Environmental Ambient Temperature Class | 50 – 70 °C    |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operating Temperature Range             | -40 – 70 °C   |

Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

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 2021 (211)<br>Candidate List Declared Against: JAN 2017 (173)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                          |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                            |

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

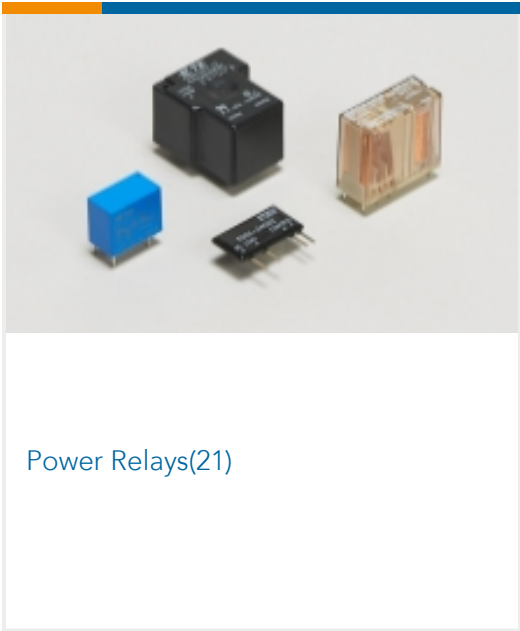
TE Part # 2-1415038-1  
RT17040

TE Part # 1-1415037-1  
PTMU0524

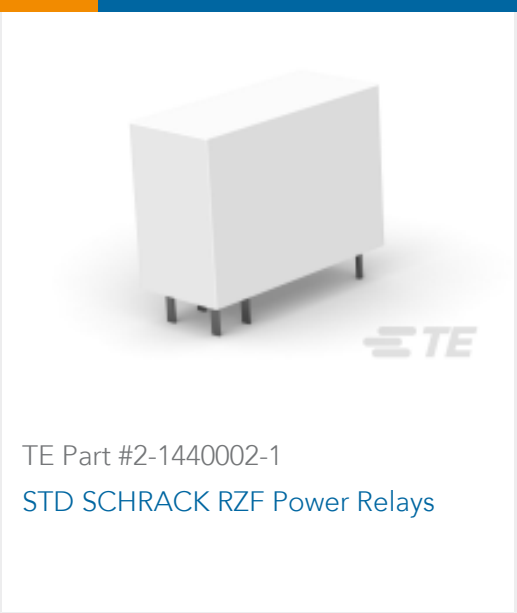
TE Part # 3-1415037-1  
PTMV0524

TE Part # 1860517-8  
RT170R8 Jumper Bar

Also in the Series | [SCHRACK Relay Package XT](#)



Customers Also Bought



Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_4-1415540-6\_A.2d\_dxf.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_4-1415540-6\_A.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1415540-6\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Relay Package XT](#)

English

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English