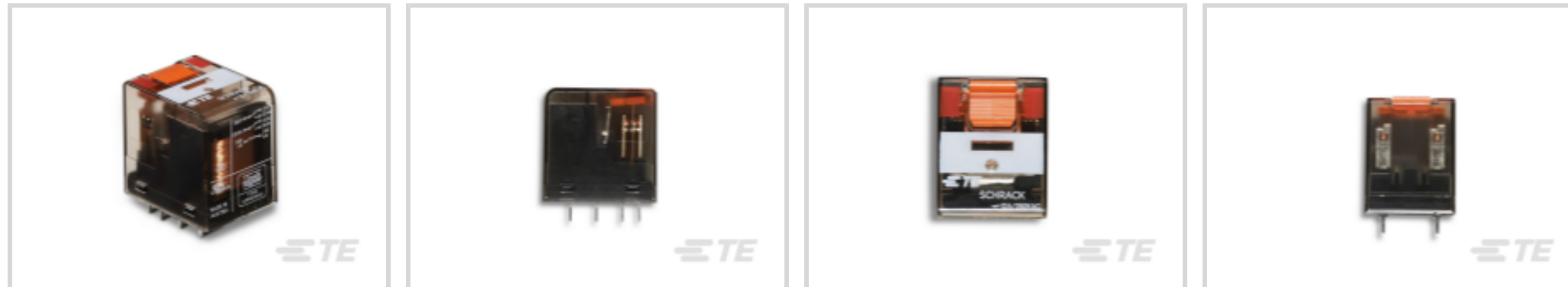




Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, AC**

Coil Power Rating Class: **[.5 – 1 VA]**

Coil Power Rating AC: **.79 VA, 1 VA**

Coil Resistance: **192 Ω**

Features

Product Type Features

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

Electrical Characteristics

| | |
|---|----------------------------|
| Insulation Initial Dielectric Between Contacts & Coil | 1200 Vrms |
| Insulation Initial Dielectric Between Open Contacts | 1200 Vrms |
| Contact Limiting Making Current | 24 A |
| Contact Limiting Short-Time Current | 300 A |
| Insulation Creepage Class | 3 – 5.5 mm |
| Insulation Initial Dielectric Between Adjacent Contacts | 2500 Vrms |
| Insulation Creepage Between Contact & Coil | 4 mm [.157 in] |
| Contact Limiting Breaking Current | 12 A |
| Coil Magnetic System | Monostable, AC |
| | .5 – 1 VA |
| Coil Power Rating AC | .79 VA, 1 VA |
| Coil Resistance | 192 Ω |
| Coil Special Features | UL Coil Insulation Class F |
| Coil Voltage Rating | 24 VAC |
| Contact Switching Load (Min) | 10mA @ 12V |
| Contact Switching Voltage (Max) | 400 VAC |

| | |
|------------------------|---------|
| Contact Voltage Rating | 240 VAC |
|------------------------|---------|

Body Features

| | |
|-----------------------------|---|
| Insulation Special Features | 5000V Initial Surge Withstand Voltage between Contacts & Coil |
| Product Weight | 30 g[1.058 oz] |

Contact Features

| | |
|------------------------------|-----------------|
| Contact Arrangement | 2 Form C (2 CO) |
| Contact Current Class | 10 – 20 A |
| Contact Current Rating (Max) | 12 A |
| Contact Material | AgNi90/10 |
| Contact Number of Poles | 2 |
| Terminal Type | PCB-THT |

Mechanical Attachment

| | |
|---------------------|-----------------------|
| Relay Mounting Type | Printed Circuit Board |
|---------------------|-----------------------|

Dimensions

| | |
|---|--|
| Length Class (Mechanical) | 25 – 30 mm |
| Dimensions (L x W x H) (Approximate) | 28 x 22.5 x 30 mm[1.102 x .886 x 1.181 in] |
| Insulation Clearance Class | 2.5 – 4 mm |
| Height Class (Mechanical) | 25 – 30 mm |
| Insulation Clearance Between Contact & Coil | 3 mm |
| Width Class (Mechanical) | 20 – 25 mm |
| Product Width | 22.5 mm[.886 in] |
| Product Length | 28 mm[1.102 in] |
| Product Height | 30 mm[1.18 in] |

Usage Conditions

| | |
|---|---------------|
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Environmental Category of Protection | RTII |
| Operating Temperature Range | -40 – 70 °C |

Packaging Features

| | |
|------------------|---------------|
| Packaging Method | Carton & Tube |
|------------------|---------------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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



Also in the Series | [SCHRACK Miniature Relay PT](#)

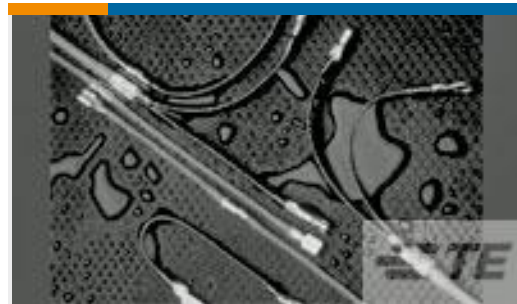


Power Relays(153)

Customers Also Bought



TE Part #2-1879074-3
Power Resistor: Aluminum Housed, 75 Watt



TE Part #164581-000
B-106-1403



TE Part #T4171210504-001
M12 Panel Mount Wire



TE Part #1676913-6
YR1 0.1% 1K18



TE Part #1-2176312-8
RP 1E 0.1W 18K7 0.1% 25PPM 1K RL



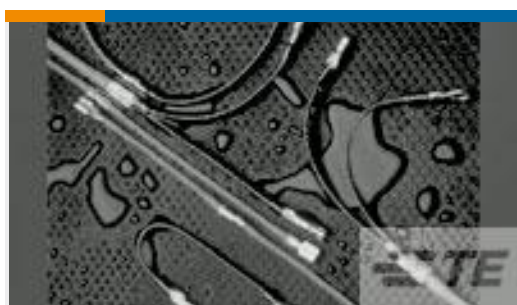
TE Part #2176313-8
RP 1E 0.1W 158K 0.1% 25PPM 1K RL



TE Part #4-1879135-5
RN 0603 301K 0.1% 10PPM 1K RL



TE Part #T4111012031-000
M12 M, 3P GOLD A_CODE S SHIELDED PG9



TE Part #697233-000
B-106-1503



TE Part #ZPF000000000007372
983-0S 14-07 SN

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1419111-6_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1419111-6_99.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5-1419111-6_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Miniature Relay PT](#)

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Product Specifications

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