



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating DC: **759 mW**
Coil Resistance: **777 Ω**
Coil Special Features: **Electrical Indicator, LED, UL Coil Insulation Class F**

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 | 20 A |
| Contact Limiting Short-Time Current | 300 A |
| Insulation Creepage Class | 3 – 5.5 mm |
| Coil Power Rating Class | 600 – 800 mW |
| Insulation Initial Dielectric Between Adjacent Contacts | 2500 Vrms |
| Insulation Creepage Between Contact & Coil | 4 mm[.157 in] |
| Contact Limiting Breaking Current | 10 A |
| Coil Magnetic System | Monostable, DC |
| Coil Power Rating DC | 759 mW |
| Coil Resistance | 777 Ω |
| Coil Special Features | Electrical Indicator, LED, UL Coil Insulation Class F |
| Coil Voltage Rating | 24 VDC |
| 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 | 3 Form C (3 CO) |
| Contact Current Class | 5 – 10 A, 10 – 20 A |
| Contact Current Rating (Max) | 10 A |
| Contact Material | AgNi90/10 |
| Contact Number of Poles | 3 |
| Relay Terminal Type | Plug-In, Solder |

Mechanical Attachment

| | |
|---------------------|--------|
| Relay Mounting Type | Socket |
|---------------------|--------|

Dimensions

| | |
|---|--|
| Length Class (Mechanical) | 25 – 30 mm |
| Dimensions (L x W x H) (Approximate) | 28 x 22.5 x 29 mm[1.102 x .886 x 1.142 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 | 29 mm[1.142 in] |

Usage Conditions

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

Packaging Features

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

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Hand solderable with lead free solder |

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 # 5-1415539-3
PTML0060



TE Part # 1393162-5
PT78603



TE Part # 6-1415037-1
PT17040



TE Part # 1816124-1
PT17024



TE Part # 5-1415036-1
PTML0024



TE Part # 9-1415036-1
PTMT00A0



TE Part # 5-1415037-1
PT17016



TE Part # 5-1419111-9
PT28800



TE Part # 9-1415071-1
[PT78730](#)



TE Part # 1393162-1
[PT28802](#)



TE Part # 2-1415036-1
[PTMG0024](#)



TE Part # 6-1415036-1
[PTML0524](#)



TE Part # 7-1415539-7
[PTMG0060](#)



TE Part # 3-1415036-1
[PTMG0524](#)



TE Part # 1415037-1
[PTMT00L0](#)



TE Part # 1-1415539-3
[PTML0560](#)



TE Part # 1-1415539-5
[PTMG0560](#)



TE Part # 1860517-5
[PT170R6 Jumper Bar](#)



TE Part # 8-1415036-1
[PTML1024](#)

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



[Power Relays\(158\)](#)

Customers Also Bought



TE Part #1-6609037-5
[20EMC1=F8130](#)



TE Part #2-1419104-1
[PCB Power Relay: 30 Amp, Monostable DC](#)



TE Part #2-2176058-4
[RLP73N 3A R091 5% 2K RL](#)



TE Part #1-2834238-1
[3P REC, IP67 R/A T/H CONN,NATURE](#)





TE Part #2176397-7
3502 1R8 1%



TE Part #1-66507-0
PIN CONTACT, 20 DF



TE Part #1-66505-0
20 DF SCKT CONT



TE Part #2-1393225-9
RY612024

TE Part #86455-000
FFCS-05 FLOW SWITCH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1415002-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1415002-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1415002-1_O.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature Relay PT

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English