## SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 3-1415358-1

General Purpose Power Relay, DC, Monostable, 4 Form C 4PDT-CO, 6 A Contact Rating, 48 VDC Coil Voltage, SCHRACK Miniature

Relay PT

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Relays & Contactors > Electromechanical Relays









Relay & Contactor Type: General Purpose Power Relay

Current Type: DC

Coil Magnetic System: Monostable

Contact Arrangement: 4 Form C 4PDT-CO

Contact Current Rating: 6A

### **Features**

## **Product Type Features**

Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Number of Poles	4
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	4 Form C 4PDT-CO
Electrical Characteristics	
Contact Limiting Short-Time Current	300 A
Contact Limiting Making Current	12 A
Contact Limiting Breaking Current	6 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Switching Voltage (Max)	240 VAC
Contact Switching Load (Min)	1mA @ .02V
Coil Resistance	3072 Ω
Contact Current Rating	6 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	.75 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Body Features	
Product Weight	30 g[1.058 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable
Contact Features	
Contact Plating Material	Gold
Contact Material	AgNi90/10
Termination Features	
Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Dimensions	
Insulation Clearance Between Contact & Coil	3 mm
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	22.5 mm[.885 in]
Product Length	28 mm[1.1 in]
Product Height	30 mm[1.18 in]
Usage Conditions	
Operating Temperature Range	-40 - 70 °C[-40 - 158 °F]
Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operation/Application	
Solder Process	Wave Solder Capable
Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Carton & Tube
Other	
Coil Power Rating Class	.6 – .8 W



Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm

## **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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



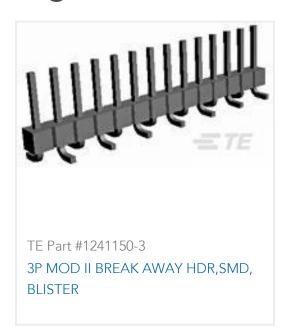






## Customers Also Bought





















## **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-1415358-1\_A.2d\_dxf.zip

English

**Customer View Model** 



ENG\_CVM\_CVM\_3-1415358-1\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1415358-1\_A.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