# PT571524 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 9-1419111-6

SCHRACK Miniature Relay PT, Power Relays, Industrial Panel Plug-In, Monostable, AC, .5 – 1VA Coil Power Rating Class, 1VA / .79VA Coil Power Rating AC

View on TE.com >

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 | 12 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 | 6 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) | 240 VAC |

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

## Body Features

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

## Contact Features

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|---|---|
| Contact Arrangement | 4 Form C (4 CO) |
| Contact Current Class | 5 – 10 A |
| Contact Current Rating (Max) | 6 A |
| Contact Material | AgNi90/10 |
| Contact Number of Poles | 4 |
| Terminal Type | PCB-THT |

## Mechanical Attachment

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

## Dimensions

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|---|---|
| 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

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

## Packaging Features

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|---|---|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2018 (181)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

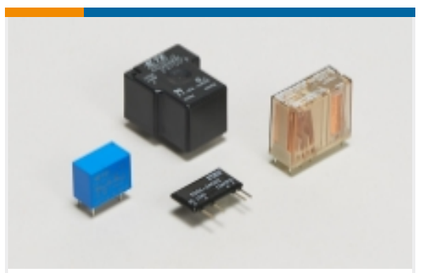
Product Compliance Disclaimer

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 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 # 9-1419111-3
PT571024

## Also in the Series | SCHRACK Miniature Relay PT



Power Relays(154)

## Customers Also Bought

TE Part #10202003-00
Pressure Transducers Readily Available

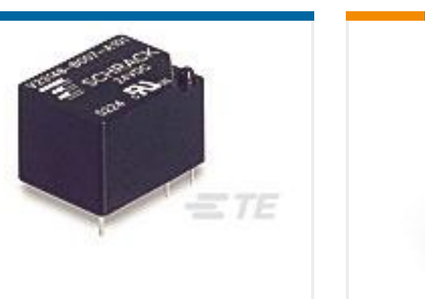
TE Part #2-1623788-6
Wirewound Resistor: Vertical Mount

TE Part #1-2329360-8
PB OFF/0N RC YLW M4 TERM. IP68

TE Part #2329362-8
PB ON/OFF RC YLW M1 TERM IP68 500MM LHS

TE Part #7-2176414-6
7W STD M/OX 5% 27K

TE Part #2-1825137-2
A103T1ZQ04



TE Part #2-1393203-4
V23148-A0107-A101

TE Part #1649326-4
RTB14012

TE Part #5532600-5
CONN SEC II 32 POS 100 C/L R/A

TE Part #6-103414-6
18 MODII HDR SRST SHRD LF

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9-1419111-6_99.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9-1419111-6_99.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_9-1419111-6_99.3d_stp.zip

English



## Datasheets & Catalog Pages

### Miniature Relay PT

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

## Agency Approvals

### VDE Certificate

English