# PT571730 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 9-1419111-8

General Purpose Power Relay, AC, Monostable, 4 Form C 4PDT-CO, 6 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Miniature Relay PT

View on TE.com >

Relays & Contactors > Electromechanical Relays







Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **4 Form C 4PDT-CO**

Current Type: **AC**

Contact Current Rating: **6 A**

## 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) | 10mA @ 12V |
| Coil Resistance | 19465 Ω |
| Coil Power Rating AC | .9 VA, 1 VA |
| Contact Current Rating | 6 A |
| Coil Voltage Rating | 230 VAC |

| | |
|---|---|
| Contact Voltage Rating | 240 VAC |
| 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 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[.886 in] |
| Product Length | 28 mm[1.102 in] |
| Product Height | 30 mm[1.181 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 |
| Coil Magnetic System | Monostable |
| Current Type | AC |

## Packaging Features

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

## Other

| | |
|---|---|
| | ≤1.1 VA |
| Contact Current Class | >5 – ≤10 A |
| | |

| | |
|---|---|
| Height Class (Mechanical) | >27 – ≤33 mm[>1.063 – ≤1.299 in] |
| Length Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |
| Width Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

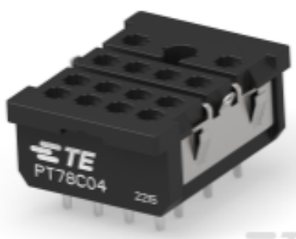
Product Compliance Disclaimer

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



TE Part # 9-1419111-3
PT571024




TE Part # 2071566-5
PT78C04

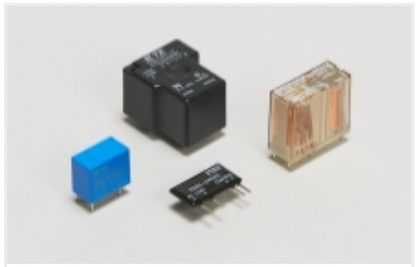


TE Part # 2071566-2
PT78A4P



TE Part # 2071566-1
PT78C4P

## Also in the Series | SCHRACK Miniature Relay PT



General Purpose Power Relays(89)

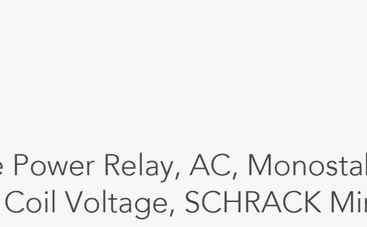


PCB Relays(22)

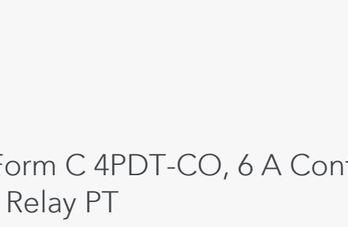


Plug-In Relays(67)

## Customers Also Bought



TE Part #163304-2
MATENLOK SOCKET SDW



TE Part #163305-2
MATENLOK PIN SDW



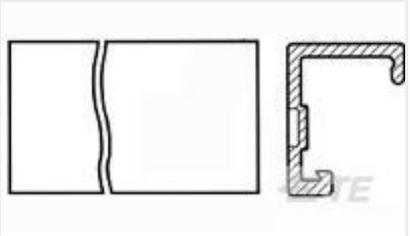
TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



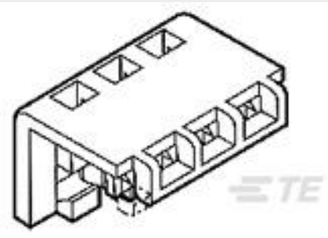
TE Part #3-640429-4
04P MTA156 CONN ASSY 24AWG WHT



TE Part #1-640456-1
11P MTA100 HDR ASSY F/L SQ STR



TE Part #640551-4
04P MTA156 COVER



TE Part #643067-4
04P MTA156 CMOLDED COVER



TE Part #3-647002-4
04P MTA100 PSTD CONN ASSY LF



TE Part #926898-1
UNIV.M-N-L.PIN



TE Part #1622555-1
LR1 1% 6K8

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1419111-8_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1419111-8_99.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_9-1419111-8_99.3d_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