# PT580615 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 8-1419132-9

General Purpose Power Relay, Monostable, .86 VA / 1 VA Coil Power Rating AC, 4845 ohm Coil Resistance, SCHRACK Miniature Relay PT, Power Relays

View on TE.com >

Relays & Contactors > Relays > Power Relays






Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

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

Coil Power Rating AC: **.86 VA, 1 VA**

Coil Resistance: **4845 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 4 Form C 4PDT-CO |
| Contact Number of Poles | 4 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Open Contacts | 1200 Vrms |
| Contact Limiting Making Current | 12 A |
| Contact Limiting Short-Time Current | 300 A |
| Insulation Initial Dielectric Between Adjacent Contacts | 2500 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 1200 Vrms |
| Contact Limiting Breaking Current | 6 A |
| Coil Power Rating AC | .86 VA, 1 VA |
| Coil Resistance | 4845 Ω |
| Coil Voltage Rating | 115 VAC |
| Contact Current Rating | 6 A |
| Contact Switching Load (Min) | 1mA @ .02V |

| | |
|---|---|
| Contact Switching Voltage (Max) | 240 VAC |
| Contact Voltage Rating | 240 VAC |

## Body Features

| | |
|---|---|
| Product Weight | 30 g[1.058 oz] |

## Contact Features

| | |
|---|---|
| Contact Material | AgNi90/10, Gold-Plated |

## Termination Features

| | |
|---|---|
| Relay Connection Type | Plug-In |

## Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Socket |

## 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 | 29 mm[1.14 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Current Type | AC |
| Coil Magnetic System | Monostable |

## Packaging Features

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

## Other

| | |
|---|---|
| Length Class (Mechanical) | 25 – 30 mm |
| Height Class (Mechanical) | 25 – 30 mm |
| Width Class (Mechanical) | 20 – 25 mm |
| | .5 – 1 VA |
| Contact Current Class | 5 – 10 A |

## 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 7-1415036-1
PTML0730



TE Part # 1-1415526-1
PT78742



TE Part # 2-1415526-1
PT17021



TE Part # 6-1415037-1
PT17040



TE Part # 1860000-1
PT7874P



TE Part # 1816124-1
PT17024



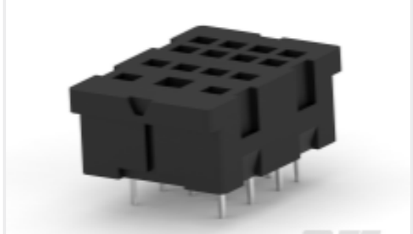
TE Part # 4-1415033-1
PT78740



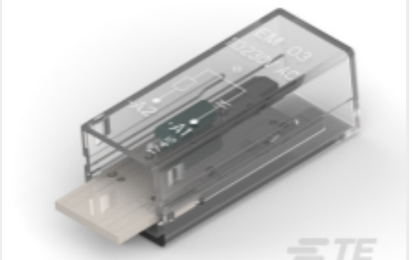
TE Part # 5-1415037-1
PT17016



TE Part # 5-1419111-9
PT28800



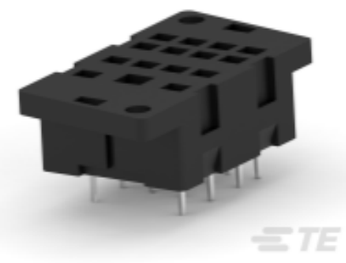
TE Part # 3-1415043-1
PT78604



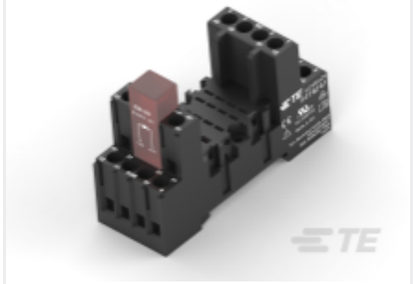
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PTMU0730



TE Part # 1393162-1
PT28802



TE Part # 4-1415043-1
PT78600



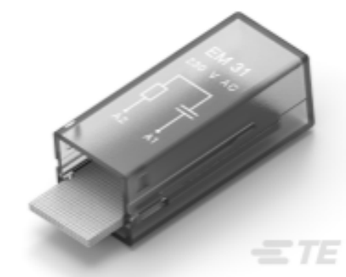
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PT78741



TE Part # 4-1415036-1
PTMG0730



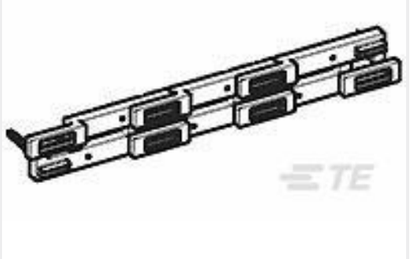
TE Part # 1-1415539-2
PTMR0730



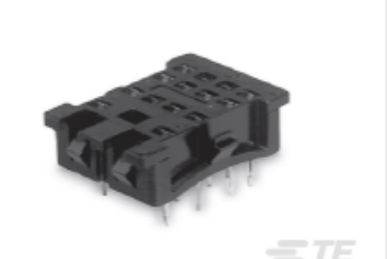
TE Part # 1415037-2
PTMD0730 (EM31)



TE Part # 1860214-1
PT170P1 Jumper Link

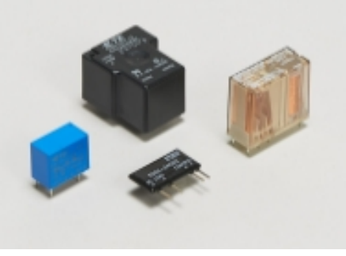


TE Part # 1860517-5
PT170R6 Jumper Bar



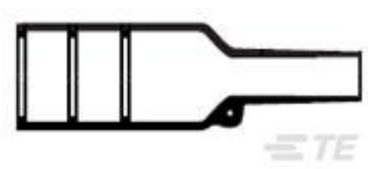
TE Part # 6-1415043-1
PT78601

## Also in the Series | SCHRACK Miniature Relay PT



Power Relays(158)

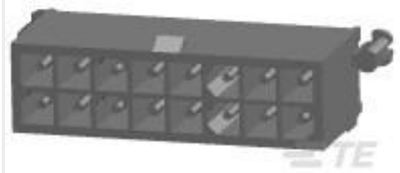
## Customers Also Bought



TE Part #634051-000
202K121-25/225-0



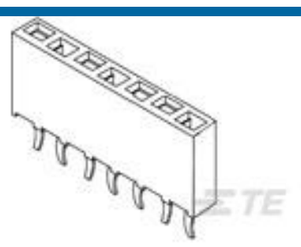
TE Part #SPD-50-3
STRING POT 50 INCH RANGE



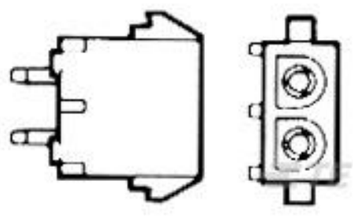
TE Part #1-794075-0
16P MINI UMNL HDR W/O DH SN



TE Part #2-1415526-1
PT17021



TE Part #215297-8
8P HV100 REC CON. TE, 7.0MM



TE Part #350789-3
03P UMNL PIN HDR ASSY 94VO



TE Part #9-1393113-8
KUEP-3D15-12=KU



TE Part #8-2176614-6
EP 10W (SS) 3K6 5% BULK BOX

TE Part #ZPF000000000020869
TSE 16-01

## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1419132-9_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1419132-9_O.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_8-1419132-9_O.3d_stp.zip

English

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### Datasheets & Catalog Pages

#### Miniature Relay PT

English

### Product Specifications

## Definitions General Purpose Relays

English

## Agency Approvals

### VDE Certificate

English

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Global Electronic Components Distributor

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## TE Connectivity:

2005330-1 2380312-2 CPF0402B37K4E1 MPT100C18RF 175977-2 1969656-1 3430B2F51RTDF
650075-000 U5254-000005-030PA 2310537-1 3-1393225-0 1393431-1 141991-2 1903112-2 917696-1
936348-1 SBCHE64R7K 3631B101LL RH73H2A40MKTN SBCHE154R7K TE50BR39J 1-794222-0
1-962915-1 2834055-1 CRGCQ2010J3K3 SMW73R0JT 1743455-2 2-292161-3 2377783-2 ROX05SJ18R