PT570048 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 8-1419111-1

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**

Coil Magnetic System: **Monostable**

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

Current Type: **DC**

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	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 Material	AgNi90/10

Termination Features

Main Termination & Connection Type	Solder/Plug-In Terminals
Coil Termination & Connection Type	Solder/Plug-In Terminals

Mechanical Attachment

Product Mount Type	Panel & Socket 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	29 mm[1.142 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

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Carton & Tube

Other

Coil Power Rating Class	>.6 – ≤1 W
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

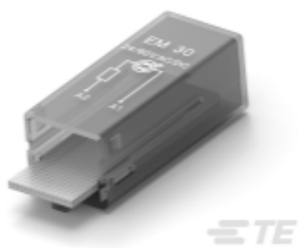
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JUNE 2025 (250) 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

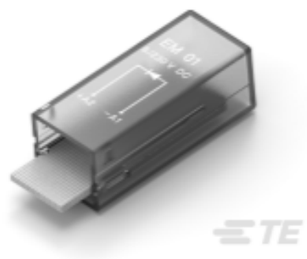
Compatible Parts



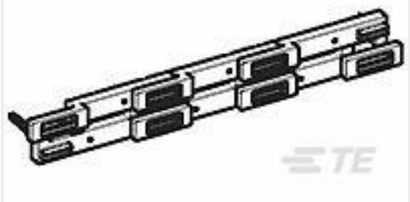
TE Part # 1-1415539-3
PTML0560



TE Part # 1-1415526-1
PT78742



TE Part # 1415037-1
PTMT00L0



TE Part # 1860517-5
PT170R6 Jumper Bar



TE Part # 4-1415033-1
PT78740



TE Part # 6-1415037-1
PT17040



TE Part # 2-1415526-1
PT17021



TE Part # 5-1419111-9
PT28800



TE Part # 1860000-1
PT7874P



TE Part # 6-1415043-1
PT78601



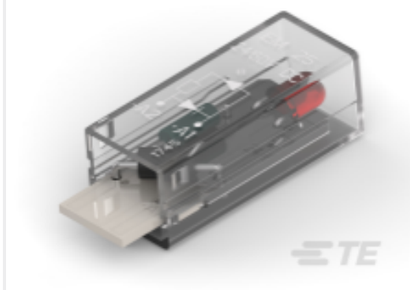
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TE Part # 9-1415036-1
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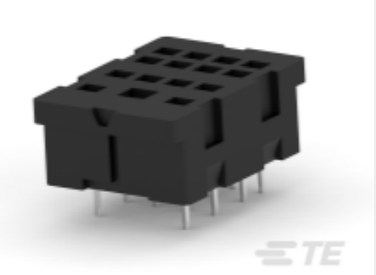
TE Part # 1860214-1
PT170P1 Jumper Link



TE Part # 5-1415539-3
PTML0060



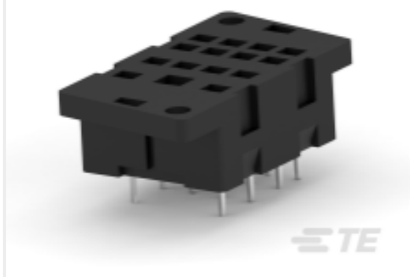
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PT28802



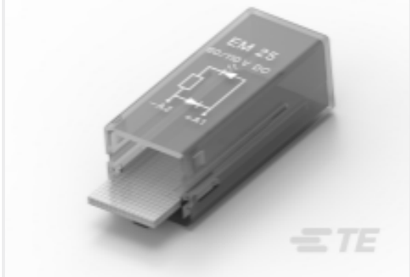
TE Part # 3-1415043-1
PT78604



TE Part # 1816124-1
PT17024



TE Part # 4-1415043-1
PT78600

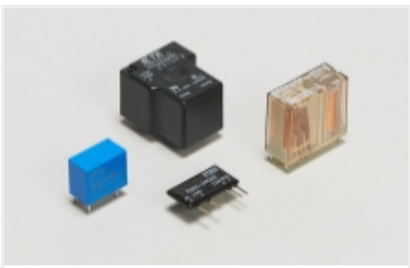


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PTMG0060

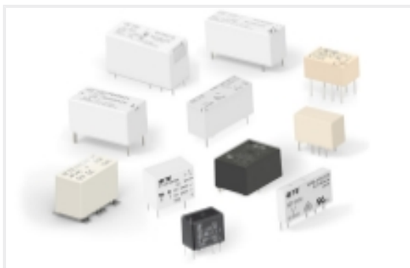


TE Part # 5-1415034-1
PT78741

Also in the Series | SCHRACK Miniature Relay PT



General Purpose Power Relays(89)

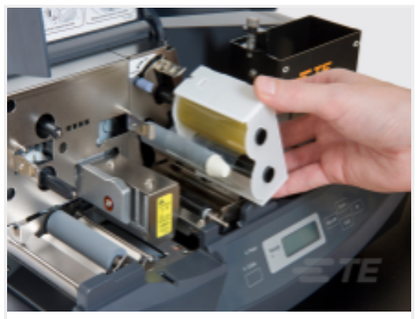


PCB Relays(22)

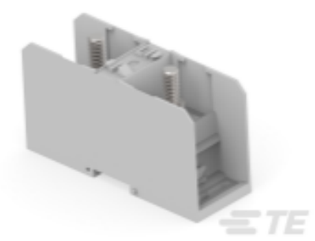


Plug-In Relays(67)

Customers Also Bought



TE Part #1SNA235714R2600
HTP500-CLEAN



TE Part #1SNA190004R2300
D185/55.FF

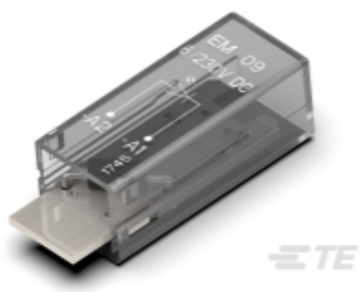
TE Part #1SNA166647R0600
CPP-1



TE Part #1-1393154-2
PT570024



TE Part #4-1415033-1
PT78740



TE Part #9-1415036-1
PTMT00A0



TE Part #6-1419111-1
PT370024



TE Part #9-1419111-1
PT570730



TE Part #9-1419111-8
PT571730



TE Part #5-2301994-6
RJ45 JACK INT.MAG. 1GB 1X1

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1419111-1_99.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1419111-1_99.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_8-1419111-1_99.3d_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