

PT570048 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

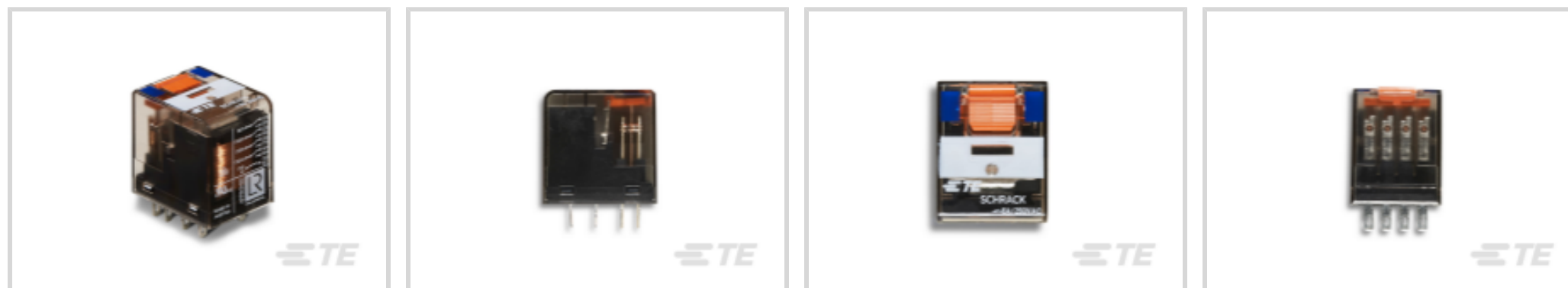
TE Internal #: 8-1419111-1

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**

Current Type: **DC**

Coil Magnetic System: **Monostable**

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

Contact Current Rating: **6 A**

Features

Contact Features

Contact Material	AgNi90/10
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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]

Packaging Features

Packaging Method	Carton & Tube
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Other

Coil Power Rating Class	.6 – .8 W
Contact Current Class	5 – 10 A
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Usage Conditions

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

Body Features

Product Weight	30 g[1.058 oz]
Enclosure Type	Flux Resistant Automatic Soldering

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	1200 Vrms

Configuration Features

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

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Mechanical Attachment

Product Mount Type	Panel & Socket Mount
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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) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-1415539-5
PTMG0560



TE Part # 1-1415539-3
PTML0560



TE Part # 2-1415526-1
PT17021



TE Part # 1860517-5
PT170R6 Jumper Bar



TE Part # 1-1415526-1
PT78742



TE Part # 1415037-1
PTMT00L0



TE Part # 4-1415033-1
PT78740



TE Part # 5-1419111-9
PT28800



TE Part # 6-1415037-1
PT17040



TE Part # 1860214-1
PT170P1 Jumper Link



TE Part # 5-1415539-3
PTML0060



TE Part # 1816124-1
PT17024



TE Part # 1393162-1
PT28802



TE Part # 7-1415539-7
PTMG0060



TE Part # 4-1415043-1
PT78600

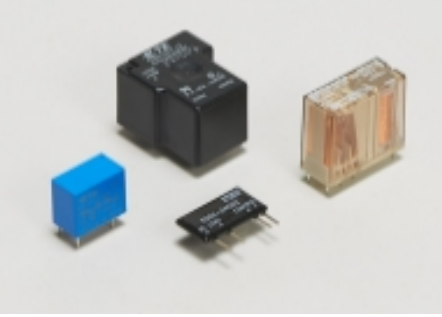


TE Part # 5-1415034-1
PT78741

Also in the Series | **SCHRACK Miniature Relay PT**



DC Relays(66)



General Purpose Power Relays(109)



PCB Relays(24)



Plug-In Relays(85)

Customers Also Bought



TE Part #1-1393154-2
PT570024



TE Part #2-1393225-9
RY612024



TE Part #1860000-1
PT7874P



TE Part #9-1419111-1
PT570730



TE Part #183040-1
CPC SQ.FL.RCPT STD SEX SIZE



TE Part #6-1415034-1
PT78720



TE Part #183039-1
SIZE 17-14 CPC PLUG ASS'YSTD S



TE Part #4-1415033-1
PT78740



TE Part #770253-3
UMNL II SOK PTPPHBZ LP 24-18



TE Part #1337769-4
50 OHM COAX BNC STR PLUG STR P

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