9-1415001-1 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 9-1415001-1

Power Relays, Industrial Panel Plug-In, Monostable, DC, 759 mW Coil Power Rating DC, 777 Ω Coil Resistance, SCHRACK Miniature Relay PT

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays

Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **600 – 800 mW**

Coil Power Rating DC: **759 mW**

Coil Resistance: **777 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	24 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	12 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	600 – 800 mW
Coil Power Rating DC	759 mW
Coil Resistance	777 Ω
Coil Special Features	Electrical Indicator, LED, UL Coil Insulation Class F
Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	10mA @ 12V

Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

Body Features

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

Contact Features

Contact Arrangement	2 Form C (2 CO)
Contact Current Class	10 – 20 A
Contact Current Rating (Max)	12 A
Contact Material	AgNi90/10
Contact Number of Poles	2
Relay Terminal Type	Plug-In, Solder

Mechanical Attachment

Relay Mounting Type	Socket

Dimensions

Length Class (Mechanical)	25 – 30 mm
Dimensions (L x W x H) (Approximate)	28 x 22.5 x 29 mm[1.102 x .886 x 1.142 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	29 mm[1.142 in]

Usage Conditions

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

Packaging Features

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1415526-1
PT78722

TE Part # 1393162-5
PT78603

TE Part # 6-1415034-1
PT78720

TE Part # 1-1415526-1
PT78742

TE Part # 1860000-1
PT7874P

TE Part # 4-1415033-1
PT78740

TE Part # 9-1415071-1
PT78730

TE Part # 3-1415043-1
PT78604

TE Part # 4-1415043-1
PT78600

TE Part # 5-1415043-1
PT78602

TE Part # 1860100-1
PT7872P

TE Part # 5-1415034-1
PT78741

TE Part # 2071566-3
PT78C2P

TE Part # 2071566-4
PT78A2P

TE Part # 2071566-6
PT78C02

TE Part # 6-1415043-1
PT78601

Also in the Series | SCHRACK Miniature Relay PT

Power Relays(158)

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9-1415001-1_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9-1415001-1_O.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_9-1415001-1_O.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, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

VDE Certificate

English