

PT270548 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 4-1419111-9

Power Relays, Industrial Panel Plug-In, Monostable, AC, 1 VA / .87

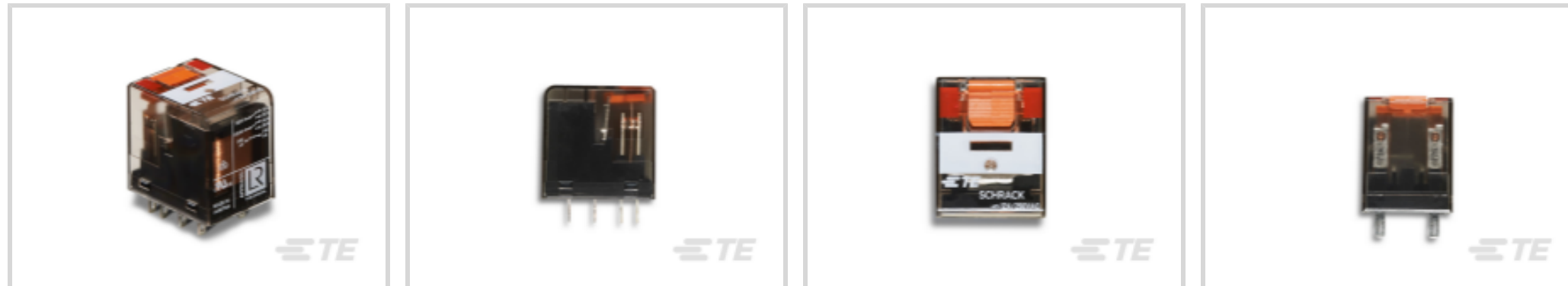
VA Coil Power Rating AC, 777  $\Omega$  Coil Resistance, SCHRACK

Miniature Relay PT

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Relays, Contactors & Switches > Relays > Power Relays



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

Coil Magnetic System: **Monostable, AC**

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

Coil Power Rating AC: **.87 VA, 1 VA**

Coil Resistance: **777  $\Omega$**

## Features

### Product Type Features

Power Relay Type	Industrial Panel Plug-In
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### Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms
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Insulation Initial Dielectric Between Open Contacts	1200 Vrms
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Contact Limiting Making Current	24 A
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Contact Limiting Short-Time Current	300 A
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Insulation Creepage Class	3 – 5.5 mm
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Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
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Insulation Creepage Between Contact & Coil	4 mm [.157 in]
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Contact Limiting Breaking Current	12 A
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Coil Magnetic System	Monostable, AC
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.5 – 1 VA

Coil Power Rating AC	.87 VA, 1 VA
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Coil Resistance	777 $\Omega$
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Coil Special Features	UL Coil Insulation Class F
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Coil Voltage Rating	48 VAC
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Contact Switching Load (Min)	10mA @ 12V
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Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	240 VAC
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### 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
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### 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
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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 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

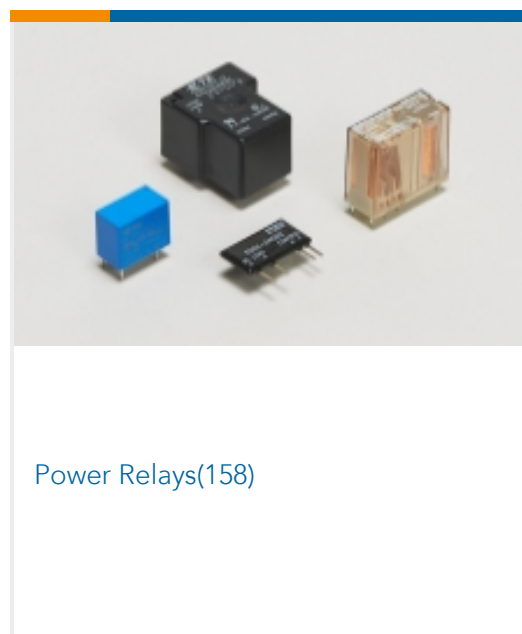
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



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



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1419111-9\\_99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1419111-9\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1419111-9\\_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

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**Product Specifications**

**Definitions, Handling, Processing, Testing and Use of Relays**

English

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**Agency Approvals**

**VDE Certificate**

English