

PT581730 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

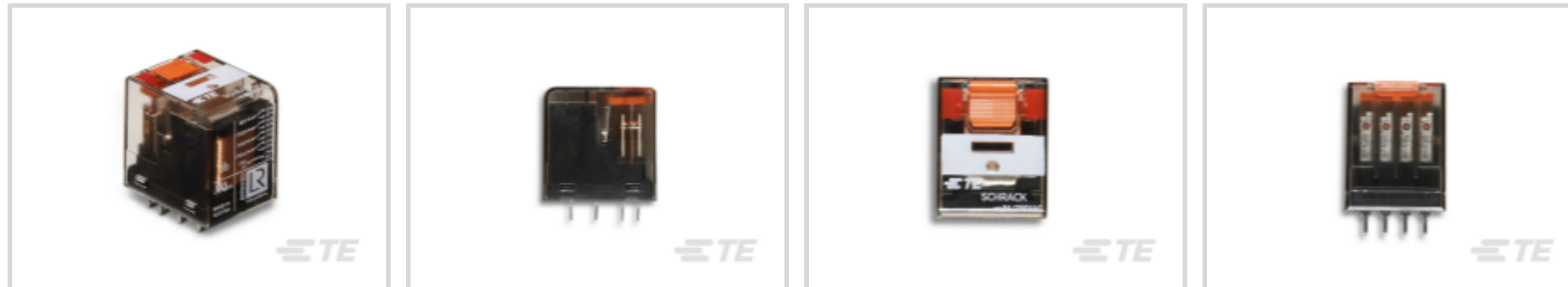
TE Internal #: 2-1393154-3

SCHRACK Miniature Relay PT, Power Relays, Industrial Panel Plug-In, Monostable, AC, .5 – 1VA Coil Power Rating Class, 1VA / .9VA Coil Power Rating AC

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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: **.9 VA, 1 VA**

Coil Resistance: **19465 Ω**

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	12 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	6 A
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Coil Magnetic System	Monostable, AC
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.5 – 1 VA

Coil Power Rating AC	.9 VA, 1 VA
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Coil Resistance	19465 Ω
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Coil Special Features	UL Coil Insulation Class F
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Coil Voltage Rating	230 VAC
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Contact Switching Load (Min)	1mA @ .02V
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Contact Switching Voltage (Max)	240 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	4 Form C (4 CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi90/10, Gold-Plated
Contact Number of Poles	4
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Dimensions (L x W x H) (Approximate)	28 x 22.5 x 30 mm[1.102 x .886 x 1.181 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	30 mm[1.18 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	Out of Scope
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: JUL 2021 (219) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

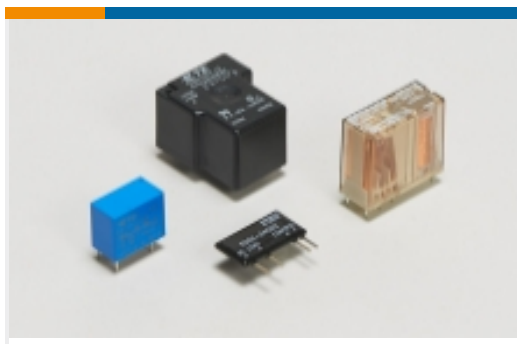
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

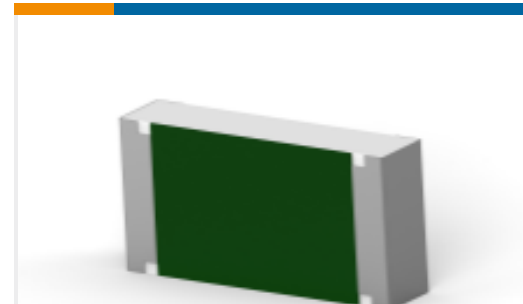
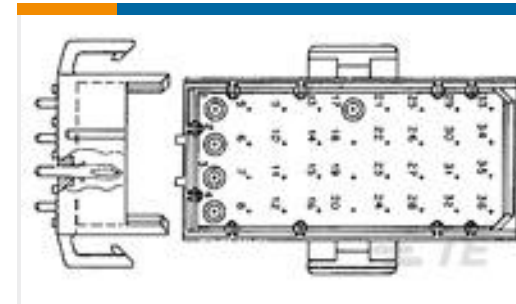


Also in the Series | [SCHRACK Miniature Relay PT](#)



Power Relays(157)

Customers Also Bought

TE Part #1-406541-1
MJ,INV,1X1,6PNL G.,100"ST,SNTE Part #2176398-7
3502 24K 1%TE Part #8-2176414-5
7W STD M/OX 5% 62KTE Part #2-640504-4
20P MR HDR ASSY VO RED LFTE Part #1-2176247-1
TJT 150W 47R 5%TE Part #6-2176373-2
RQ 0805 43R2 0.1% 10PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1393154-3_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393154-3_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393154-3_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Miniature Relay PT

English



Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

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Agency Approvals

[VDE Certificate](#)

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