PT270615 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Part # 5-1419111-0

TE Internal #: PT270615

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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: **.86 VA, 1 VA**

Coil Resistance: **4845 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, AC
	.5 – 1 VA
Coil Power Rating AC	.86 VA, 1 VA
Coil Resistance	4845 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	115 VAC
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
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]
Environmental Category of Protection	RTII
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: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

Product Compliance Disclaimer

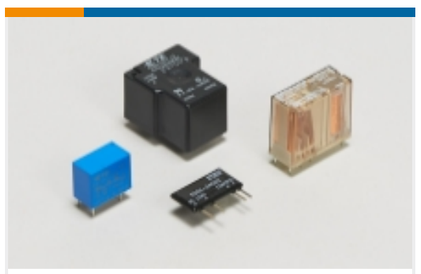
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Relay Accessories, Sockets & Clips(19)

Also in the Series | SCHRACK Miniature Relay PT



Power Relays(153)

Customers Also Bought



TE Part #9-1419111-0
PT570615



TE Part #6-1415034-1
PT78720



TE Part #5-1419111-1
PT270730



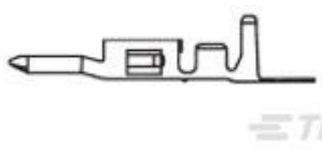
TE Part #1860000-1
PT7874P



TE Part #1816124-1
PT17024



TE Part #4-1419111-8
PT270524



TE Part #794955-2
VAL-U-LOK PIN BR AU 22-18AWG



TE Part #770872-1
02P MINI UMNL HDR ASSY SN

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-1419111-0_99.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-1419111-0_99.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5-1419111-0_99.3d_stp.zip

English

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Miniature Relay PT

English

Product Specifications

Definitions Relays

English

Agency Approvals

VDE Certificate

English