2-1415529-1 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 2-1415529-1

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

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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	20 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	10 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	3 Form C (3 CO)
Contact Current Class	5 – 10 A, 10 – 20 A
Contact Current Rating (Max)	10 A
Contact Material	AgNi90/10
Contact Number of Poles	3
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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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 Model / Part # 7-1415036-1
PTML0730



TE Model / Part # 9-1415071-1
PT78730



TE Model / Part # 1393162-5
PT78603



TE Model / Part # 5-1419111-9
PT28800



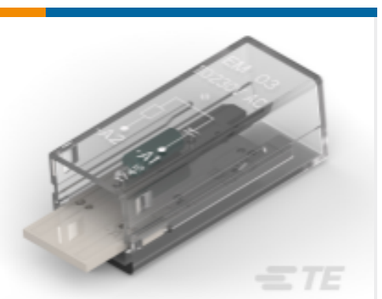
TE Model / Part # 6-1415037-1
PT17040



TE Model / Part # 1816124-1
PT17024



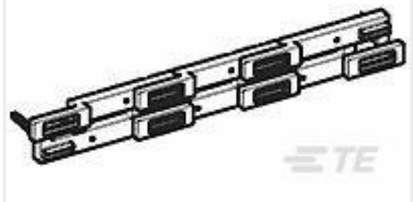
TE Model / Part # 5-1415037-1
PT17016



TE Model / Part # 2-1415037-1
PTMU0730



TE Model / Part # 4-1415036-1
PTMG0730



TE Model / Part # 1860517-5
PT170R6 Jumper Bar



TE Model / Part # 1393162-1
PT28802



TE Model / Part # 1415037-2
PTMD0730 (EM31)

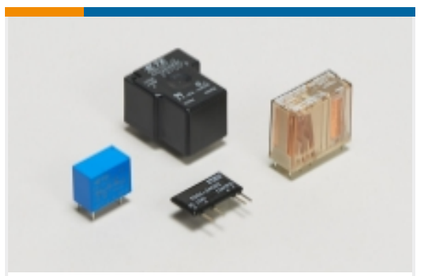


TE Model / Part # 1-1415539-2
PTMR0730



TE Model / Part # 6-1415365-1
PTMV0615

Also in the Series | SCHRACK Miniature Relay PT

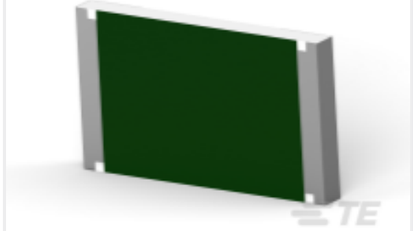


Power Relays(153)

Customers Also Bought



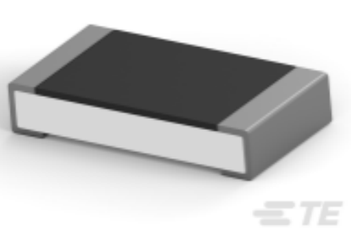
TE Model / Part #4-2176416-6
9W STD M/OX 5% 3K9



TE Model / Part #8-2176407-8
3560 27R 5%



TE Model / Part #7-2176412-3
5W XSM M/OX 5% 5K1



TE Model / Part #4-2176388-3
RQ 1206 27R4 0.1% 10PPM 5K RL



TE Model / Part #2213765-7
AV19 SPM 5A SPOT LED RED 24V



TE Model / Part #T1280242132-000
H24B-TGBH-M32



TE Model / Part #9-1879129-8
RN 0402 2K61 0.1% 10PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1415529-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1415529-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1415529-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Miniature Relay PT

English

Industrial Relays Quick Reference Guide

English

Product Specifications

Definitions Relays

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Agency Approvals

VDE Certificate

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