



Relays & Contactors > Relays > Power Relays



Relay Type: Industrial Panel Plug-In
Coil Magnetic System: Monostable
Coil Power Rating DC: 741 mW
Coil Resistance: 777 Ω
Coil Special Features: UL Coil Insulation Class F

Features

Product Type Features

Relay Type	Industrial Panel Plug-In
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Configuration Features

Insulation Special Features	5000V Initial Surge Withstand Voltage between Contacts & Coil
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	3 Form C (3 CO)
Contact Number of Poles	3

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 Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Limiting Breaking Current	10 A
Coil Power Rating DC	741 mW
Coil Resistance	777 Ω
Coil Voltage Rating	24 VDC
Contact Current Rating	10 A



Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

Body Features

Product Weight	30 g[1.058 oz]
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Contact Features

Contact Material	AgNi90/10
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Termination Features

Relay Connection Type	Plug-In
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	3 mm
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	22.5 mm[.885 in]
Product Length	28 mm[1.1 in]
Product Height	30 mm[1.18 in]

Usage Conditions

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

Operation/Application

Actuating System	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Carton & Tube
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Other

Length Class (Mechanical)	25 - 30 mm
Insulation Creepage Class	3 - 5.5 mm
Insulation Clearance Class	2.5 - 4 mm



Height Class (Mechanical)	25 - 30 mm
Coil Power Rating Class	600 - 800 mW
Width Class (Mechanical)	20 - 25 mm
Contact Current Class	10 - 20 A, 5 - 10 A

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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 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 # 9-1415536-4
PT381024



TE Part # 7-1419111-5
PT371730



TE Part # 7-1419111-0
PT371012



TE Part # 6-1415507-1
PT321024





TE Part # 1393154-8
PT371615



TE Part # 2-1415536-5
PT371048



TE Part # 3-1415539-3
PT371560



TE Part # 6-1419111-5
PT370512



TE Part # 7-1419111-2
PT371110



TE Part # 7-1419111-3
PT371524

Also in the Series | SCHRACK Miniature Relay PT



Power Relays(158)

Customers Also Bought



TE Part # 292173-2
CT BOX HDR H SMT 2P O/TAPE BLA



TE Part # 173724-1
187 PL EX REC. 20-14AWG PTBR



TE Part # 2-1437558-2
MTA206P=(MSTA) SW TOG DPDT



TE Part # 1-2329013-2
LUMAWISE 40MM DIA DOME CLEAR TALL



TE Part # 2118706-2
1 PC STD SHIELD, CRS-13.66X12.70X2.54MM



TE Part # 2118730-2
STD SHIELD FRAME, CRS-44.00X30.50X3.00MM



TE Part # 51864-4
TERMINAL,PIDG R 16-14 10



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1419111-1_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1419111-1_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1419111-1_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

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English