



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: **1306 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
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	12 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	6 A
Coil Magnetic System	Monostable, AC
	.5 – 1 VA
Coil Power Rating AC	.87 VA, 1 VA
Coil Resistance	1306 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	60 VAC
Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	240 VAC



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
Contact Number of Poles	4
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 1-1415526-1
PT78742




TE Part # 2-1415526-1
PT17021




TE Part # 6-1415037-1
PT17040




TE Part # 1860000-1
PT7874P




TE Part # 1816124-1
PT17024



TE Part # 4-1415033-1
PT78740



TE Part # 5-1415037-1
PT17016



TE Part # 5-1419111-9
PT28800



TE Part # 3-1415043-1
PT78604



TE Part # 1393162-1
PT28802



TE Part # 1-1415037-1
PTMU0524



TE Part # 4-1415043-1
PT78600



TE Part # 5-1415034-1
PT78741



TE Part # 1-1415539-3
PTML0560



TE Part # 1-1415539-5
PTMG0560



TE Part # 1860214-1
PT170P1 Jumper Link



TE Part # 1860517-5
PT170R6 Jumper Bar



TE Part # 6-1415043-1
PT78601



TE Part # 2308612-1
PT78E40 4CO-socket, 6A, Embossed marking



TE Part # 2308612-2
PT78E40 4CO-SOCKET-6A, PRINTED marking

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



Power Relays(154)

Customers Also Bought



TE Part #1415035-1
MT78750



TE Part #3-1416100-2
ST3P3LC4



TE Part #1816124-1
PT17024



TE Part #9-1419111-1
PT570730





TE Part #322439-011
RCAB-5120



TE Part #2-1393793-4
V23105A5507A201



TE Part #1860517-8
RT170R8 Jumper Bar

TE Part #1-1415545-1
RT424005C-

TE Part #2-1415544-7
RT424024C-

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1419111-9_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1419111-9_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1419111-9_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

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English



[Agency Approvals](#)

[VDE Certificate](#)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[8-1419111-9](#)