



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: **.81 VA**
Coil Resistance: **8100 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	30 A
Contact Limiting Short-Time Current	16 A
Contact Limiting Continuous Current	16 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, AC
	.5 – 1 VA
Coil Power Rating AC	.81 VA
Coil Resistance	8100 Ω
Coil Special Features	Electrical Indicator, LED



Coil Voltage Rating	115 VAC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI175
Product Weight	56 g[1.977 oz]

Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	Screw Terminals

Mechanical Attachment

Relay Mounting Type	DIN Rail
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Dimensions

Insulation Clearance Class	5 – 8 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	15.8 mm[.622 in]
Product Length	77 mm[3.031 in]
Product Height	69 mm[2.716 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-40 – 70 °C

Packaging Features

Packaging Method	Carton
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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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 2017 (173) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

TE Part # 2-1415038-1
RT17040

TE Part # 2-1415037-1
PTMU0730

TE Part # 1-1415539-2
PTMR0730

TE Part # 1860517-8
RT170R8 Jumper Bar

TE Part # 6-1415365-1
PTMV0615



Also in the Series

SCHRACK Relay Package XT

Power Relays(21)

Customers Also Bought

TE Part #0462-209-16141
DEUTSCH SOLID CONTACTS

TE Part #1-530745-8
MINI BX RCPT ASSY 80P SEALED

TE Part #1-1879125-4
RN 0402 56R2 0.1% 10PPM 1K RL

TE Part #114017-ZZ
DEUTSCH SEALING PLUGS

TE Part #YDTS26F25-29SAV001
D38999: Straight Plug, 25-29 Insert

TE Part #1-480698-0
02P UMNL PLUG HSG NATL

TE Part #1-1811927-4
8Q8 Size 25 Rcpt,A Key OD

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1415540-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1415540-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1415540-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



Relay Package XT

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