



Relays & Contactors > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**  
Coil Magnetic System: **Monostable, DC**  
Coil Power Rating DC: **456 mW**  
Coil Resistance: **5520  $\Omega$**   
Coil Special Features: **Electrical Indicator, LED, UL Coil Insulation Class F**

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 V
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	300 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	5.5 – 8 mm
Coil Power Rating Class	400 – 500 mW
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	456 mW
Coil Resistance	5520 $\Omega$
Coil Special Features	Electrical Indicator, LED, UL Coil Insulation Class F
Coil Voltage Rating	48 VDC



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, Tracking Index of Relay Base PTI175
Product Weight	16 g[.565 oz]

Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi90/10
Contact Number of Poles	2

Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	13 mm[.512 in]
Product Length	29 mm[1.142 in]
Product Height	26.7 mm[1.051 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	Tube
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUL 2017 (174) 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.

Also in the Series

Customers Also Bought



TE Part #DTT-20-03  
CRIMP TOOL



TE Part #HDP24-24-16SE-L015  
REC, 16P, BLK, E, THD, 12, S



TE Part #K1007153  
Toggle Switch 08-1-1-13



TE Part #DRC16-70SBE-P013UK  
PLG, 70P, BLK, E, SEAL BOND, B



TE Part #YHDP26-24-35PEL017  
PLG, 35P, BLK, E, RNG, 16/20, P

TE Part #2-2176245-2  
CRGS1206 5% 56R

TE Part #K1002956  
Toggle Switch 08-4-1-13

TE Part #K1008699  
Relay 26-60-05

TE Part #SRK-PC-080-25-601  
PIN, SOLID, SIZE M8, 25mm2, AG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1887212-4\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1887212-4\_A.3d\_igs.zip

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Customer View Model

ENG\_CVM\_CVM\_1887212-4\_A.3d\_stp.zip

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Datasheets & Catalog Pages

Interface Plug-in Relay XT

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Accessories - Power Relay XT

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Product Specifications

Definitions General Purpose Relays

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