



Relays & Contactors > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating DC: **170 mW**
Coil Resistance: **147 Ω**
Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Power Relay Type	Standard
Relay Connection Type	Plug-In

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 V
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	5.5 – 8 mm
Coil Power Rating Class	150 – 200 mW
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	170 mW
Coil Resistance	147 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Load (Min)	100mA @ 12V



Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	6 g[.2116 oz]

Contact Features

Contact Plating Material	Gold
Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A
Contact Current Rating (Max)	6 A
Contact Material	AgSnO2
Contact Number of Poles	1

Mechanical Attachment

Product Mount Type	Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	0 – 6 mm
Product Width	5 mm[.196 in]
Product Length	28 mm[1.1 in]
Product Height	15 mm[.59 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Packaging Features

Packaging Method	Box & Tube, 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 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.
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Solder Process Capability	Wave solder capable to 260°C
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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 # 1956024-2
V23092-S1012-A301


Also in the Series | SCHRACK Slimline PCB Relay SNR




Power Relays(53)

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_1-1956024-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1956024-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1956024-0_A.3d_stp.zip

English

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

- Datasheets & Catalog Pages

Slim PCB Relay SNR

English

Relay Package SNR

English



Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-1956024-0](#)