



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **DC**

Coil Magnetic System: **Bistable, 2 Coils, Latching**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **8 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
------------------------	-----------------------------

Configuration Features

Contact Number of Poles	2
Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Contact Limiting Making Current	8 A
Contact Limiting Continuous Current	8 A
Contact Limiting Breaking Current	8 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Coil Current	.114 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 12V



Coil Resistance	105 Ω
Contact Current Rating	8 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	1.25 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Enclosure Type	Flux Resistant Automatic Solder Capable & Washable
----------------	--

Contact Features

Contact Plating Material	Gold Flash
Contact Material	AgNi0.15

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount
--------------------	-------------

Dimensions

Insulation Creepage Between Contact & Coil	8 mm
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.14 in]
Product Height	25.5 mm[1 in]

Usage Conditions

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

Operation/Application

Solder Process	Wave Solder Capable
Current Type	DC
Coil Magnetic System	Bistable, 2 Coils, Latching

Packaging Features

Packaging Method	Box & Tube
------------------	------------

Other



Coil Power Rating Class	1 – 1.5 W
Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	12 – 16 mm

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in 10539788067) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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 # 1393845-4
[RP821012](#)

Customers Also Bought



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



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



TE Part #K1007153
[Toggle Switch 08-1-1-13](#)



TE Part #DTT-20-03
[CRIMP TOOL](#)



TE Part #K1060489
[Relay 29-113-12](#)



TE Part #K1008699
[Relay 26-60-05](#)



TE Part #CAT-H396-CH8172
[DEUTSCH HDP20 Housings](#)



TE Part #K1002956
[Toggle Switch 08-4-1-13](#)



TE Part #2-2176245-2
[CRGS1206 5% 56R](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1393845-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393845-0_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_1-1393845-0_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Power PCB Relay RPII/2](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English