



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **3 Form C 3PDT-CO**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	3
Contact Arrangement	3 Form C 3PDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Contact Limiting Making Current	20 A
Contact Limiting Continuous Current	10 A
Contact Limiting Breaking Current	20 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Coil Resistance	777 Ω
Contact Current Rating	10 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	.741 W
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Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
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Body Features

Product Weight	78 g[2.753 oz]
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Enclosure Type	Dust Protected
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Contact Features

Contact Material	AgNi90/10
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Termination Features

Main Termination & Connection Type	Screw Terminals
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Coil Termination & Connection Type	Screw Terminals
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Mechanical Attachment

Product Mount Type	DIN Rail
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Dimensions

Insulation Clearance Between Contact & Coil	4 mm[.157 in]
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Insulation Creepage Between Contact & Coil	4 mm[.157 in]
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Product Width	27 mm[1.06 in]
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Product Length	73.5 mm[2.89 in]
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Product Height	58 mm[2.28 in]
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Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
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Environmental Category of Protection	RTI
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operation/Application

Indicator Type	LED
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Current Type	DC
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Coil Magnetic System	Monostable
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Packaging Features

Packaging Method	Carton
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Other

Coil Power Rating Class	.6 – .8 W
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Contact Current Class	16 A
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Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	50 – 60 mm
Length Class (Mechanical)	>60 mm
Width Class (Mechanical)	25 – 30 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: JUNE 2024 (241) Does not contain REACH SVHC
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 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





Also in the Series

SCHRACK Relay Package PT

AC Relays(18)

DC Relays(14)

Electromechanical Relays(32)

Customers Also Bought

TE Part #7-1879377-8
CRGH0805 5% 1K5 0.33W

TE Part #1838893-3
M12 Mtl MALE PNL CONN. Sldr Re

TE Part #3-2176307-0
RP 1E 0.1W 24K9 0.1% 25PPM 5K RL

TE Part #8-2176307-8
RP 1E 0.1W 100K 0.1% 25PPM 5K RL

TE Part #2-2176230-8
3522 150R 5% 3W

TE Part #2176340-3
CRGCQ 0603 2R2 5%

TE Part #2176338-3
CRGCQ 0402 2R2 5%

TE Part #8-1879061-1
CPF 0402 22K 0.1% 25PPM 5K RL

TE Part #20009605-15
FX293X-100A-0100-L

TE Part #3-1625890-2
2W SM M/OX 5% 22K

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_2-1415075-1_A.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_2-1415075-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1415075-1_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 Package PT](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English