PRD-5DY0-24 ✔ ACTIVE

TE Internal #: 1-1393128-7

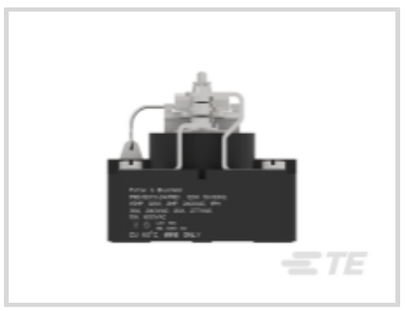
General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 25 A Contact Rating, 24 VDC Coil Voltage, 600 VAC Contact Voltage

View on TE.com >

Relays & Contactors > Electromechanical Relays







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

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **25 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	2
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Coil Resistance	288 Ω
Contact Switching Voltage (Max)	600 VAC
Contact Current Rating	25 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	125 VDC
Coil Power Rating DC	2 W
Insulation Initial Dielectric Between Contacts & Coil	2000 Vrms

Termination Features

Main Termination & Connection Type	8-32 Screw

Coil Termination & Connection Type	6-32 Screw

Mechanical Attachment

Product Mount Type	Panel Mount

Dimensions

Product Width	63.8 mm[2.512 in]
Product Length	63.3 mm[2.492 in]
Product Height	63.5 mm[2.5 in]

Usage Conditions

Operating Temperature Range	-55 – 80 °C[-67 – 176 °F]
Environmental Ambient Temperature (Max)	80 °C[176 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Other

Contact Current Class	>16 – ≤25 A
Coil Power Rating Class	>1.5 – ≤3 W
Height Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Length Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Width Class (Mechanical)	>33 mm[>1.299 in]

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



TE Part # 5-1393158-2
35D013=ENCLOSURE,PR,ASSY,W/BAS

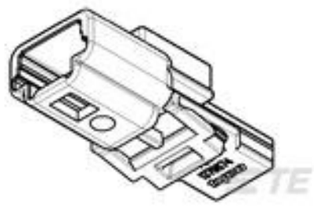
Customers Also Bought



TE Part #8-215083-0
MICRO-MATCH MOW.10P



TE Part #787610-1
CPC RECPT,SIZE 23-37 W/INSERTS



TE Part #1379674-1
4W TAB HSG CODING 1 BLACK



TE Part #3-1393237-1
RTE24012F



TE Part #1744048-2
02P EC PWR.200 CL HDR ASSY RA



TE Part #1-2176328-7
CRGP 1206 220R 1%



TE Part #5-2176612-4
EP 3W (SS) 160R 5%



TE Part #5102153-6
A/L UNIV HDR 26P VERT



TE Part #6609065-3

6EDP=F7689 S0

TE Part #F90083-000

CI-256-TVR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393128-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393128-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393128-7_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

PRD 10 to 50 Amp Heavy Duty AC or DC Power Relay

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English