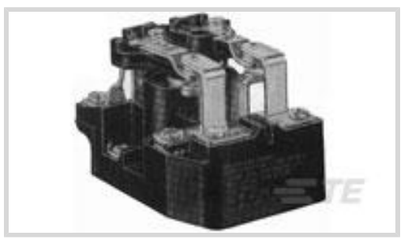
PRD-7AY0-120 ✔ ACTIVE

TE Internal #: 1393130-7

General Purpose Power Relay, AC, Monostable, 2 Form A DPST-NO, 25 A Contact Rating, 120 VAC 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: **2 Form A DPST-NO**

Current Type: **AC**

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	2 Form A DPST-NO

Electrical Characteristics

Coil Resistance	290 Ω
Coil Power Rating AC	9.8 VA
Contact Switching Voltage (Max)	600 VAC
Contact Current Rating	25 A
Coil Voltage Rating	120 VAC
Contact Voltage Rating	125 VDC
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 – 45 °C[-67 – 113 °F]
Environmental Ambient Temperature (Max)	45 °C[113 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	AC

Other

	>3.5 VA
Contact Current Class	>16 – ≤25 A
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: JAN 2025 (247) SVHC > Threshold: DBMC (.5% in 20635946948) **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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

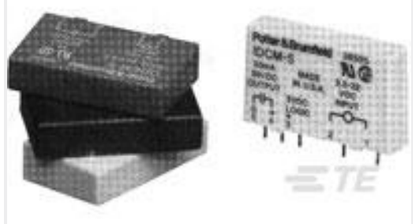
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #5-1393028-1
ODCM-5 = SLIM PCB MOUNT,3A,60V DC-DC I/p



TE Part #1-1393118-2
KUP-14D15-110=KU



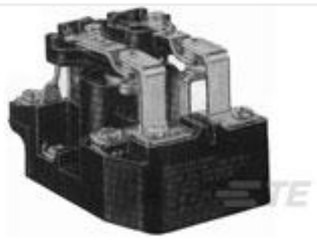
TE Part #6-1393118-3
KUP-5A55-120=KU



TE Part #5-1393122-4
KHAU-17D12-110=KH



TE Part #6-1393127-0
PRD-11DY0-110=PRD



TE Part #1-1393130-0
PRD-7AY0-240=PRD



TE Part #2-1393237-3
RT314024F



TE Part #2-1393237-7
RT334024F



TE Part #1-1415012-1
V23047-A1110-A501

TE Part #8-1608052-3
157-23F2LC=R2983

Documents

CAD Files

Customer View Model

ENG_CVM_1393130-7_0107.3d_igs.zip

English

Customer View Model

ENG_CVM_1393130-7_0107.3d_stp.zip

English

Customer View Model

ENG_CVM_1393130-7_0107.2d_dxf.zip

English

3D PDF

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