



Relays & Contactors > Electromechanical Relays



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

Coil Magnetic System: **Monostable**

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

Current Type: **AC**

Contact Current Rating: **8 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	2
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Coil Power Rating AC	.76 VA
Contact Limiting Continuous Current	8 A
Contact Switching Voltage (Max)	400 VAC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Limiting Breaking Current	8 A
Coil Resistance	8100 Ω



Contact Current Rating	8 A
Coil Voltage Rating	115 VAC
Contact Voltage Rating	250 VAC
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms

Body Features

Product Weight	13 g[.459 oz]
Enclosure Type	Flux Resistant Automatic Soldering

Contact Features

Contact Plating Material	Gold
Contact Material	AgNi90/10

Termination Features

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

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.14 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Monostable
Current Type	AC

Packaging Features

Packaging Method	Carton, Tube
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Other

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	.5 – 1 VA
Contact Current Class	16 A
Height Class (Mechanical)	15 – 16 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: JUNE 2024 (241) 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	Wave solder capable to 265°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 # 7-1415036-1  
PTML0730



TE Part # 6-1415035-1  
RT78726




TE Part # 1860306-1  
RT78725




TE Part # 1860200-1  
RT7872P







TE Part # 2-1415037-1  
PTMU0730




TE Part # 2022103-1  
RT17017




TE Part # 4-1415036-1  
PTMG0730




TE Part # 1415540-8  
RT28816




TE Part # 1-1415539-2  
PTMR0730



TE Part # 1415037-2  
PTMD0730 (EM31)



TE Part # 6-1415365-1  
PTMV0615



TE Part # 1860991-1  
RT78602, RELAY SOCKET PCB 5MM


Also in the Series

SCHRACK Power PCB Relay RT2




Electromechanical Relays(106)


Customers Also Bought




TE Part #58247-1  
MTA 156 CRIMP HEAD REPAIR  
DISCRETE




TE Part #1393845-5  
RP821024




TE Part #826629-3  
3P AMPMODU II




TE Part #41482  
250 FASTON TAB TPBR




TE Part #170233-2  
POSITIVE LOCK 250 REC 0.5-2.27  
MM2 TPBR



TE Part #1-1879927-6  
EP 7W 1K5 5%



TE Part #320562  
SPLICE BUTT PIDG 16-14



TE Part #1617122-3  
JMACD-12XP = M39016/15-079P



Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1393243-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1393243-2\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1393243-2\\_D.2d\\_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[Power PCB Relay RT2](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English