



TE Internal #: 1-1393845-4

Power Relays, Standard, Monostable, DC, 500 mW Coil Power Rating DC, 1100 Ω Coil Resistance, 24 VDC Coil Voltage, 2 Form C (CO)

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **400 – 500 mW**

Coil Power Rating DC: **500 mW**

Coil Resistance: **1100 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	8 mm [.315 in]
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW
Coil Power Rating DC	500 mW
Coil Resistance	1100 Ω
Coil Voltage Rating	24 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC



Body Features

Product Weight	18 g[.635 oz]
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Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi+Au, Silver-Nickel Gold Covered
Contact Number of Poles	2
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Dimensions (L x W x H) (Approximate)	29 x 12.6 x 25.5 mm
Insulation Clearance Class	8 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.142 in]
Product Height	25.5 mm[1.004 in]

Usage Conditions

Environmental Ambient Temperature (Max)	40 °C[104 °F]
Operating Temperature Range	-40 – 40 °C[-40 – 104 °F]

Packaging Features

Packaging Method	Box & Carton
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

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



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1393845-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393845-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393845-4_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, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

UL

English