



TE Internal #: 1-1393845-4

General Purpose Power Relay, Monostable, .5 W Coil, 1100 ohm
Coil Resistance, 24 VDC Coil Voltage, 2 Form C DPDT-CO, Power
Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.5 W**

Coil Resistance: **1100 Ω**

Coil Voltage Rating: **24 VDC**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Contact Arrangement	2 Form C DPDT-CO
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Coil Power Rating DC	.5 W
Coil Resistance	1100 Ω
Coil Voltage Rating	24 VDC
Contact Current Rating	8 A
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
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Body Features

Product Weight	18 g[.635 oz]
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Contact Features

Contact Material	AgNi+Au, Silver-Nickel Gold Covered
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Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage 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 Category of Protection	RTIII
Environmental Ambient Temperature (Max)	40 °C[104 °F]
Operating Temperature Range	-40 – 40 °C[-40 – 104 °F]

Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Carton
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Other

Coil Power Rating Class	.4 – .5 W
Contact Current Class	5 – 10 A

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)



SVHC > Threshold:
Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part)

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 260°C
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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 # 1393845-3
RP821006

Customers Also Bought



TE Part #2-1419104-1
T9AS1D22-24



TE Part #1658621-8
34 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #3-1393118-8
KUP-14D55-24=KU



TE Part #2301838-1
AMPL REC HD20, VERT, 9P, B/L,4-40 INS



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 General Purpose Relays

English

Agency Approvals

UL

English