

1393230-2 ✓ ACTIVE

SCHRACK

TE Internal #: 1393230-2

Power Relays, Standard, Bistable, 1 Coil, 1160 mW Coil Power Rating DC, 31 Ω Coil Resistance, Magnetic Latching, 6 VDC Coil Voltage, 1 Form A (NO)

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Relays & Contactors > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Bistable, 1 Coil**

Coil Power Rating DC: **1160 mW**

Coil Resistance: **31 Ω**

Coil Special Features: **Magnetic Latching**

Features

Product Type Features

Power Relay Type	Standard
Relay Connection Type	PCB Solder Pins

Configuration Features

Output Switching	Random
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Coil Current	.196 A
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	2000 Vrms
Contact Limiting Short-Time Current	120 A
Coil Power Rating	1.16 W
Insulation Creepage Class	8 mm
Coil Power Rating Class	1000 – 1500 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms



Contact Limiting Making Current	16 A
Insulation Creepage Between Contact & Coil	8 mm
Contact Limiting Continuous Current	16 A
Input Voltage	6 VDC
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Bistable, 1 Coil
Coil Power Rating DC	1160 mW
Coil Resistance	31 Ω
Coil Special Features	Magnetic Latching
Coil Voltage Rating	6 VDC
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	30 VDC

Body Features

Product Weight	18 g
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Contact Features

Switch Arrangement	1 Form A (SPST-NO)
Contact Plating Material	AgSnO
Contact Special Features	Single Contact
Contact Arrangement	1 Form A (NO)
Contact Current Class	10 – 20 A
Contact Current Rating (Max)	16 A
Contact Material	AgSnOInO
Contact Number of Poles	1

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	8 mm
Insulation Clearance Class	8 mm
Width Class (Mechanical)	12 – 16 mm
Product Width	12.6 mm[.496 in]

Product Length	29 mm[1.14 in]
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Product Height	25.5 mm[1 in]
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Usage Conditions

Environmental Ambient Temperature (Max)	70 °C
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Environmental Ambient Temperature Class	-40 – 70 °C
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Operating Temperature Range	-40 – 70 °C
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Packaging Features

Packaging Method	Box & Tube
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Other

Solder Process	Wave Solder
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold:</p> <p>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part)</p> <p>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.</p>
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°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



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1393230-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393230-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393230-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Special Load PCB Relay RP3SL](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

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Agency Approvals

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