

V23148A1007A101 ✓ ACTIVE

SCHRACK | SCHRACK V23148

TE Internal #: 2-1393203-8

Power Relays, Standard, Monostable, DC, 450 mW Coil Power

Rating DC, 1280  $\Omega$  Coil Resistance, 24 VDC Coil Voltage, 1 Form C (CO), SCHRACK V23148

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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: **450 mW**

Coil Resistance: **1280  $\Omega$**

## Features

### Product Type Features

Power Relay Type	Standard
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### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	12 A
Insulation Creepage Class	3 – 5.5 mm
Contact Limiting Continuous Current	7 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	3.5 mm[.138 in]
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW
Coil Power Rating DC	450 mW
Coil Resistance	1280 $\Omega$
Coil Voltage Rating	24 VDC



Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	250 VAC
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### Body Features

Product Weight	9 g[.317 oz]
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### Contact Features

Contact Arrangement	1 Form C (CO)
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Contact Current Class	5 – 10 A
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Contact Current Rating (Max)	7 A
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Contact Material	AgNi90/10
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Contact Number of Poles	1
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Relay Terminal Type	PCB-THT
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### Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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### Dimensions

Length Class (Mechanical)	20 – 25 mm
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Insulation Clearance Class	2.5 – 4 mm
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Height Class (Mechanical)	14 – 15 mm
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Insulation Clearance Between Contact & Coil	3.5 mm[.138 in]
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Width Class (Mechanical)	16 – 20 mm
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Product Width	16.2 mm[.638 in]
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Product Length	21.2 mm[.834 in]
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Product Height	14.9 mm[.587 in]
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### Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]
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### Packaging Features

Packaging Method	Carton
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 260°C

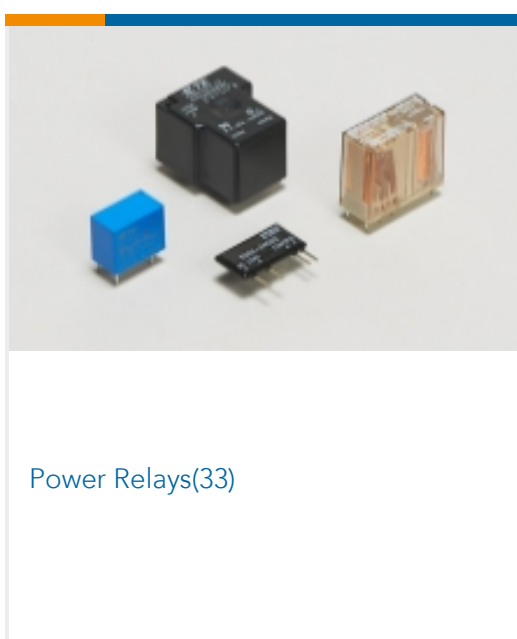
Product Compliance Disclaimer

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



## Also in the Series | SCHRACK V23148



## Documents

### CAD Files



### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1393203-8\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1393203-8\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1393203-8\\_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 U/UB](#)

English

### Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English