

1-1393203-0 ✓ ACTIVE

SCHRACK | SCHRACK V23148

TE Internal #: 1-1393203-0

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

Rating DC, 320  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, 1 Form B

(NC), SCHRACK V23148

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Relays & Contactors > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **450 mW**

Coil Resistance: **320  $\Omega$**

Coil Voltage Rating: **12 VDC**

## Features

### Product Type Features

Power Relay Type	Standard
Relay Connection Type	PCB Solder Pins

### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	12 A
Contact Limiting Continuous Current	7 A
Insulation Creepage Class	1.5 – 3 mm
Coil Power Rating Class	400 – 500 mW
Insulation Initial Dielectric Between Contacts & Coil	2000 Vrms
Insulation Creepage Between Contact & Coil	2.5 mm [.098 in]
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	450 mW
Coil Resistance	320 $\Omega$

Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

#### Body Features

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

Contact Arrangement	1 Form B (NC)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	7 A
Contact Material	AgNi90/10
Contact Number of Poles	1

#### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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#### Dimensions

Length Class (Mechanical)	20 – 25 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	14 – 15 mm
Insulation Clearance Between Contact & Coil	2.5 mm [.098 in]
Width Class (Mechanical)	16 – 20 mm
Product Width	16.2 mm [.637 in]
Product Length	21.2 mm [.834 in]
Product Height	14.9 mm [.586 in]

#### Usage Conditions

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

#### Packaging Features

Packaging Method	Carton
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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](http://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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 260°C

## Product Compliance Disclaimer

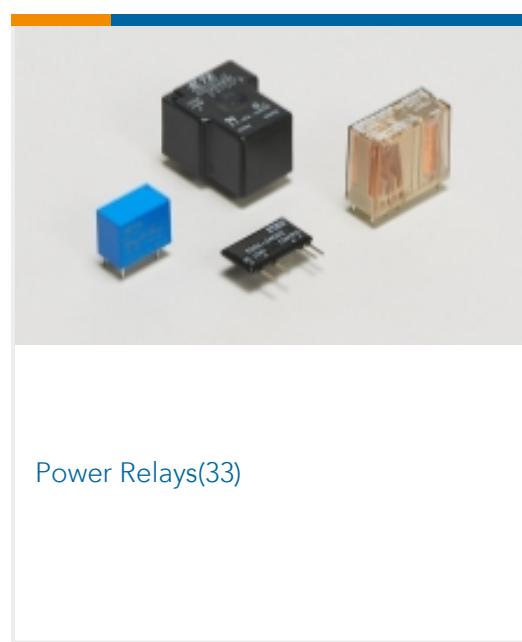
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 1393203-8  
[V23148-A0005-A101](#)

Also in the Series | [SCHRACK V23148](#)



## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)[ENG\\_CVM\\_CVM\\_1-1393203-0\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)[ENG\\_CVM\\_CVM\\_1-1393203-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393203-0\\_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 General Purpose Relays](#)

English