

1-1393203-1 ✓ ACTIVE

SCHRACK | SCHRACK V23148

TE Internal #: 1-1393203-1

SCHRACK V23148, Power Relays, Standard, Monostable, DC, 400 – 500mW Coil Power Rating Class, 450mW Coil Power Rating DC, 1280Ω Coil Resistance

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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 Ω**

## Features

### Product Type Features

Power Relay Type	Standard
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### 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
Insulation Creepage Class	1.5 – 3 mm
Contact Limiting Continuous Current	7 A
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 Class	400 – 500 mW
Coil Power Rating DC	450 mW
Coil Resistance	1280 Ω
Coil Voltage Rating	24 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 C (CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	7 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	PCB-THT

### Mechanical Attachment

Relay Mounting 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[.638 in]
Product Length	21.2 mm[.834 in]
Product Height	14.9 mm[.587 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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### 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

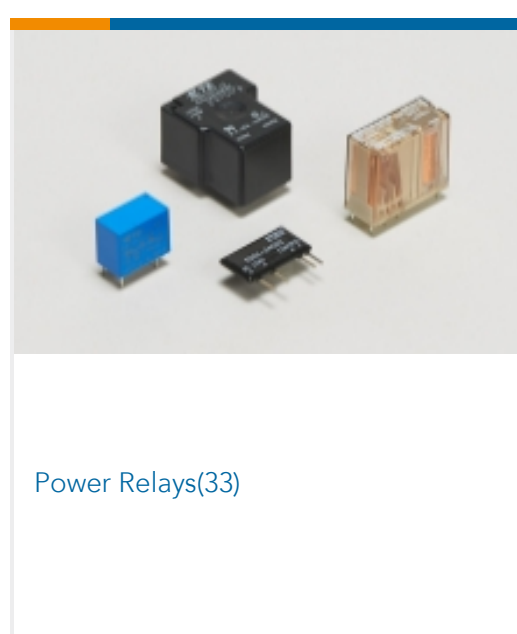
Solder Process Capability

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**

## Customers Also Bought



TE Part #1-1415898-4  
PCB Power Relay: 16 Amp, Inrush



TE Part #1-1623730-7  
Wirewound Resistor: Vertical Mount



TE Part #1-1623789-2  
Wirewound Resistor: Vertical Mount



TE Part #T4041017031-000  
M8 Panel Mount PCB



TE Part #108961-000  
D-406-0003



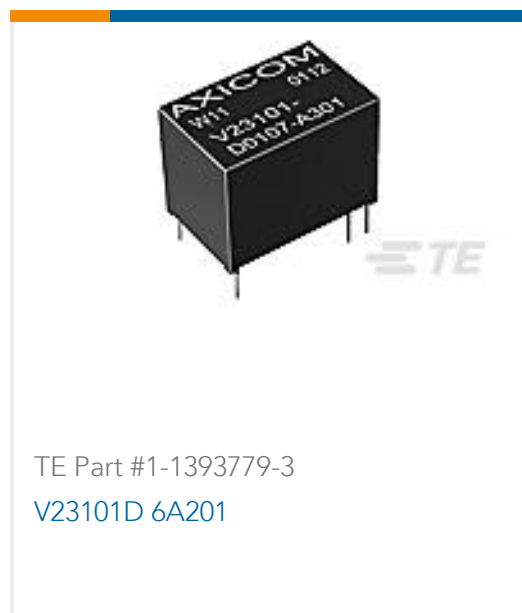
TE Part #1-66105-6  
III+ SKT,24-20,TIN-LEAD,SMPACK



TE Part #102241-8  
10 MODIV HSG COMP SR .100 POL



TE Part #1-1393779-6  
V23101D 6B201



TE Part #1-1393779-3  
V23101D 6A201



TE Part #1-66103-5  
III+ PIN,24-20,TIN-LEAD,SMPACK

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393203-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393203-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393203-1\\_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

#### Industrial Relays Quick Reference Guide

English



## Industrial Relays Quick Reference Guide

Japanese

## Industrial Relays Quick Reference Guide

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### Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English