

V23148A1007A101

✓ ACTIVE

SCHRACK | SCHRACK V23148

TE Internal #: 2-1393203-8

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 |
|------------------|----------|

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 Ω |
| Coil Voltage Rating | 24 VDC |
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Voltage Rating | 250 VAC |

Body Features

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|----------------|--------------|
| Product Weight | 9 g[.317 oz] |
|----------------|--------------|



Contact Features

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|------------------------------|---------------|
| 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 |
|---------------------|-----------------------|

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 | 3.5 mm[.138 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

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

Packaging Features

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|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

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 2019 (197) SVHC > Threshold: |



Not Yet Reviewed

| | |
|---------------------------|--|
| 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>

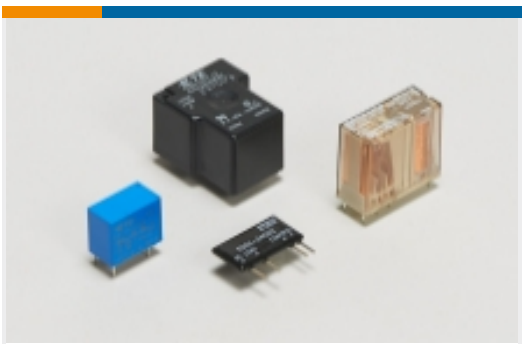
Compatible Parts



TE Part # 3-1393203-1

V23148-A1107-A101


Also in the Series | SCHRACK V23148




Power Relays(33)

Customers Also Bought






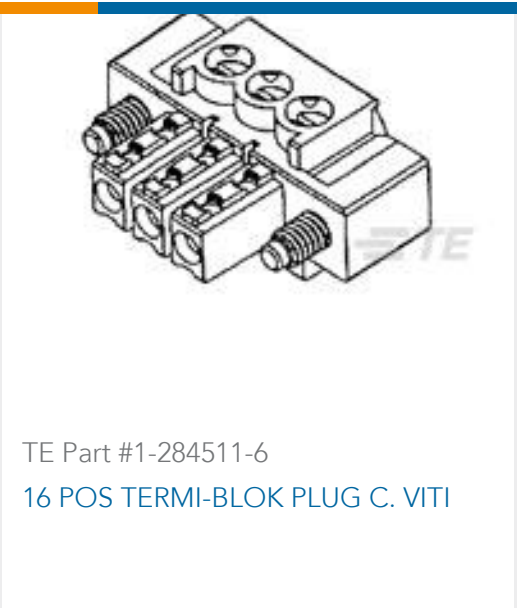
TE Part #1623722-4
Wirewound Resistor: Axial Mount, 17 Watt




TE Part #1625888-4
2W STD M/OX 5% 430R




TE Part #1-829576-2
2X12P HV100 REC.CON.B/TE,6.2,TIN, NO KINK




TE Part #1-284511-6
16 POS TERMI-BLOK PLUG C. VITI




TE Part #1614353-9
RN 0603 2K67 0.1% 10PPM CUT LENGTH




TE Part #1614352-1
RN 0603 20K 0.1% 10PPM 5K RL




TE Part #1775284-3
AMP HPI 2.5MM HEADERS



TE Part #1108846-1
HC26.Base Housing-PCB



TE Part #1241893-6
2X6P HV100 REC. CON, SMD, TIN, BLIST,BE



TE Part #964187-2
FASTON .110 TAB 0.5 X - NP CUSN4

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

Industrial Relays Quick Reference Guide

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English