

V23148A 105A101

✓ ACTIVE

SCHRACK | SCHRACK V23148

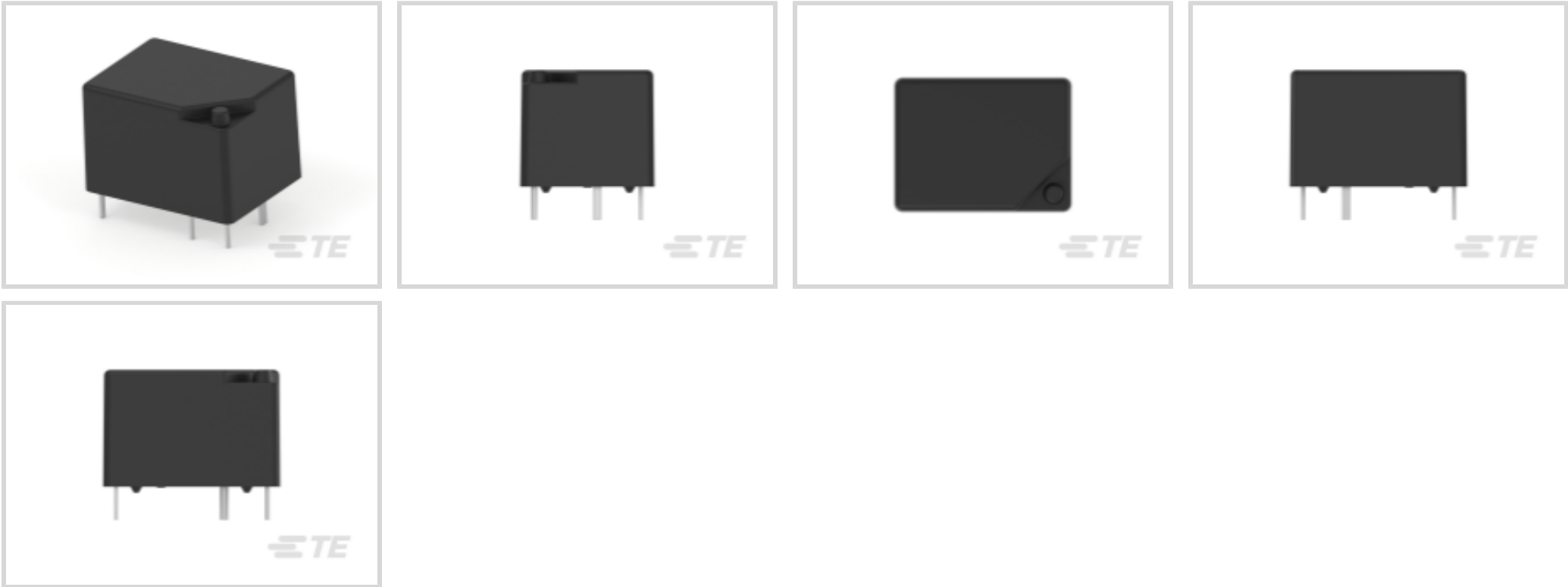
TE Internal #: 2-1393203-1

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 5 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, SCHRACK V23148

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	1
Coil Special Features	Sensitive Version
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Making Current	12 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Switching Voltage (Max)	400 VAC
Coil Resistance	440 Ω
Contact Current Rating	5 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC



Coil Power Rating DC	.327 W
Insulation Initial Dielectric Between Contacts & Coil	2000 Vrms

Body Features

Product Weight	9 g[.317 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Material	AgNi90/10
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Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount
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Dimensions

Insulation Clearance Between Contact & Coil	2.5 mm[.098 in]
Insulation Creepage Between Contact & Coil	2.5 mm[.098 in]
Product Width	16.2 mm[.637 in]
Product Length	21.2 mm[.834 in]
Product Height	14.9 mm[.586 in]

Usage Conditions

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

Operation/Application

Solder Process	Wave Solder Capable
Current Type	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Carton
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Other

Coil Power Rating Class	.3 – .4 W
Contact Current Class	5 – 10 A, 2 – 5 A



Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	14 – 15 mm
Length Class (Mechanical)	20 – 25 mm
Width Class (Mechanical)	16 – 20 mm

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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





Also in the Series

SCHRACK V23148

DC Relays(22)

Electromechanical Relays(32)

PCB Relays(32)

Customers Also Bought

TE Part #926898-1
UNIV.M-N-L.PIN

TE Part #2176413-1
5W XSM M/OX 5% 68K

TE Part #3-1419104-3
T9AS5D22-12

TE Part #4-1625892-5
3W SM M/OX 5% 39K

TE Part #1676123-6
1/2W SM M/OX 5% 1R3

TE Part #1623785-5
SQMW10 15R 5% (WIRE)

TE Part #1393845-4
RP821012

TE Part #926884-3
UNIV.M-M-L.SOCKET

TE Part #4-1676913-4
YR1 0.1% 237K

TE Part #1-1393204-4
V23148-B0010-A101

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_2-1393203-1_A.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_2-1393203-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393203-1_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

Product Specifications

[Definitions](#) [General Purpose Relays](#)

English