

RT314A05

✓ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RT1

TE Internal #: 7-1393239-8

General Purpose Power Relay, Bistable, 1 Coil, Polarized, Latching,
1 Form C SPDT-CO, 16 A Contact Rating, SCHRACK Power PCB
Relay RT1

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**
Coil Magnetic System: **Bistable, 1 Coil, Polarized, Latching**
Contact Arrangement: **1 Form C SPDT-CO**
Contact Current Rating: **16 A**
Coil Voltage Rating: **5 VDC**

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	UL Coil Insulation Class F
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Continuous Current	16 A
Contact Switching Voltage (Max)	400 VAC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	30 A
Contact Limiting Breaking Current	16 A
Coil Resistance	62 Ω
Contact Current Rating	16 A
Coil Voltage Rating	5 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.403 W
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms



Body Features

Product Weight	14 g[.494 oz]
Enclosure Type	Flux Resistant Automatic Soldering

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	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.14 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Bistable, 1 Coil, Polarized, Latching

Packaging Features

Packaging Method	Carton, Tube
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Other

Coil Power Rating Class	.4 – .5 W
Contact Current Class	16 A
Height Class (Mechanical)	15 – 16 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	12 – 16 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 Power PCB Relay RT1](#)



Electromechanical Relays(190)

Customers Also Bought



TE Part #5380635-2
RCR AU-SPR SN-CUP OE 018-040



TE Part #3-84953-0
1MM FPC HORZ.TOP CONT.ASSY 30P



TE Part #4-1393243-4
RT424A05



TE Part #7-1393238-7
RTD14730



TE Part #ZPF000000000018139
FDDBA 50-14-19 PN-K-F377



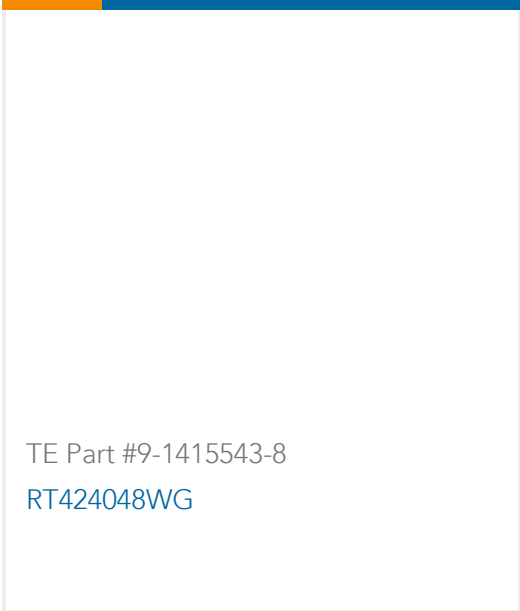
TE Part #1977264-2
FSM4LPASTR=TACT SWITCH,SMT,T&R



TE Part #7-1415538-7
RT424024WG



TE Part #7-1393788-3
V23079F1101B301



TE Part #9-1415543-8
RT424048WG

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_7-1393239-8_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393239-8_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_7-1393239-8_D.2d_dxf.zip



English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Power PCB Relay RT1 bistable

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English