1937650-9 ✔ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RTX

TE Internal #: 1937650-9

SCHRACK Power PCB Relay RTX, Power Relays, Standard, Bistable, 2 Coils, Polarized, 800 – 1000mW Coil Power Rating Class, 950mW Coil Power Rating DC

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays > PCB Power Relay: Bystable, Polarized

Power Relay Type: **Standard**

Coil Magnetic System: **Bistable, 2 Coils, Polarized**

Coil Power Rating Class: **800 – 1000 mW**

Coil Power Rating DC: **950 mW**

Coil Resistance: **610 Ω**

All PCB Power Relay: Bystable, Polarized (9)

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Initial Dielectric Between Open Contacts	1250 Vrms
Contact Limiting Making Current	16 A
Contact Limiting Short-Time Current	16 A
Contact Limiting Continuous Current	16 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	6 mm[.236 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Bistable, 2 Coils, Polarized
Coil Power Rating Class	800 – 1000 mW
Coil Power Rating DC	950 mW
Coil Resistance	610 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	24 VDC

Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	11 g[.388 oz]

Contact Features

Contact Special Features	Flip-Flop Contacts
Contact Arrangement	1 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	W + AgSnO
Contact Number of Poles	1
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	6 mm[.236 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29.1 mm[1.146 in]
Product Height	16 mm[.63 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Packaging Features

Packaging Method	Box & Tube, 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: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

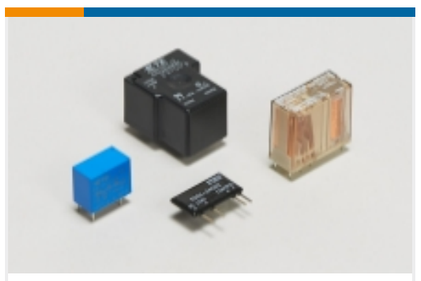
Product Compliance Disclaimer

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

TE Part # CAT-SCH691-R819B
PCB Power Relay: Bystable, Polarized

Also in the Series | SCHRACK Power PCB Relay RTX



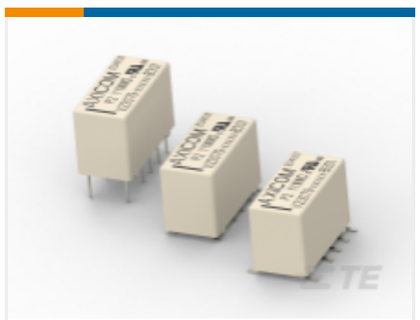
Power Relays(9)

Customers Also Bought

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

TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL

TE Part #1-1625886-8
1W SM M/OX 5% 470R



TE Part #1422007-5
AXICOM P2 STANDARD

TE Part #1623426-1
CRG1206 1% 150K

TE Part #1-2213819-0
6X6 ILL TACT SMT 100GF HI PURE GREEN

TE Part #1622694-1
LR2 1% 16K

TE Part #1-1415899-7
PCB Power Relay: 12-16 Amp, Monostable

TE Part #953440-4
SIGNAL HEADER

TE Part #1393280-6
V23086C1001A403

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1937650-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1937650-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1937650-9_A.3d_stp.zip

English

Datasheets & Catalog Pages

Lighting Relays Guide

English

Power PCB Relay RTX

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

Agency Approvals

VDE Certificate

English