



SCHRACK | SCHRACK Power PCB Relay RT Inrush Power

TE Internal #: 1-1415898-6

SCHRACK Power PCB Relay RT Inrush Power, Power Relays, Standard, Monostable, DC, 400 – 500mW Coil Power Rating Class, 403mW Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays > SCHRACK RT1 INRUSH POWER SERIES



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **400 – 500 mW**

Coil Power Rating DC: **403 mW**

Coil Resistance: **62 Ω**

[All SCHRACK RT1 INRUSH POWER SERIES \(20\)](#)

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Open Contacts	1250 Vrms
Contact Limiting Making Current	165 A
Contact Limiting Continuous Current	16 A
Insulation Creepage Class	8 mm
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm [.394 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW
Coil Power Rating DC	403 mW
Coil Resistance	62 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	5 VDC
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
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Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250V
Product Weight	14 g[.494 oz]

Contact Features

Contact Special Features	W Pre-Make Contact
Contact Arrangement	1 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	W + AgSnO2
Contact Number of Poles	1
Terminal Type	PCB-THT, Plug-In

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

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

Packaging Features

Packaging Method	Carton, Tube
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 4,4'-isopropylidenediphenol (Bisphenol A) (.3% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

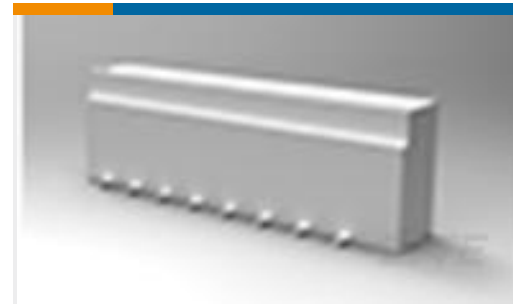


Also in the Series | **SCHRACK Power PCB Relay RT Inrush Power**



Power Relays(36)

Customers Also Bought

TE Model / Part #796375-1
CPC POSTED RCPT,13-9,R/ATE Model / Part #1571610-2
Sealed R/A Tact switch, SealedTE Model / Part #1735042-6
1MM FFC SMT V ASSY 6P EMBOSSTE Model / Part #1-1735413-1
Assembly Slimline SATA Receptacle
7P+6PTE Model / Part #1888542-3
MJ,10MM,8P,WAVE PANEL TABS,SNTE Model / Part #4-1415535-6
PE034005

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1415898-6_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1415898-6_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1415898-6_D.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 RT Inrush Power

English



Industrial Relays Quick Reference Guide

English

Product Specifications

Definitions Relays

English

Agency Approvals

VDE Certificate

English