



Relays & Contactors > Relays > Power Relays > Force Guided Relay, DIN-rail



Power Relay Type: **Force-Guided**  
Coil Magnetic System: **Monostable, DC**  
Coil Power Rating DC: **1200 mW**  
Coil Resistance: **480 Ω**  
Coil Special Features: **Coil Suppression Diode**

[All Force Guided Relay, DIN-rail \(20\)](#)

Features

Product Type Features

Power Relay Type	Force-Guided
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	2500 – 3000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	3 – 5.5 mm
Coil Power Rating Class	1000 – 1500 mW
Insulation Initial Dielectric Between Adjacent Contacts	2000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	3000 Vrms
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	1200 mW
Coil Resistance	480 Ω
Coil Special Features	Coil Suppression Diode



Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	250 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	90 g[3.175 oz]
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Contact Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	5 Form A (NO) + 1 Form B (NC)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	8 A
Contact Material	AgSnO2
Contact Number of Poles	6
Relay Terminal Type	Screwless Clamp Connectors

Mechanical Attachment

Relay Mounting Type	DIN Rail
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Dimensions

Length Class (Mechanical)	60 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	50 mm
Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
Width Class (Mechanical)	40 mm
Product Width	46 mm[1.81 in]
Product Length	87 mm[3.425 in]
Product Height	54 mm[2.126 in]

Usage Conditions

Environmental Ambient Temperature Class	-25 – 50 °C
Environmental Ambient Temperature (Max)	50 °C[122 °F]

Packaging Features

Packaging Method	Box & Carton
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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 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

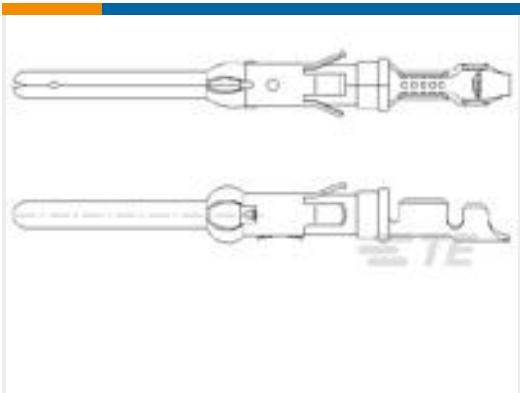


Also in the Series | SCHRACK SR6



Power Relays(150)

Customers Also Bought



TE Part #163082-1  
PIN, MALE



TE Part #1-1393154-2  
PT570024



TE Part #6-1393243-3  
RT424012



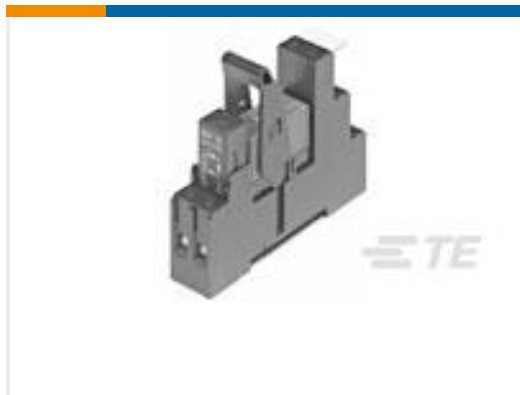
TE Part #38943-20L  
CONT SOC ASSY



TE Part #323165  
STRATO-THERM, HR 8 10 NIPL



TE Part #5-160430-6  
187 FASTON REC 20-16 AWG TPBZ



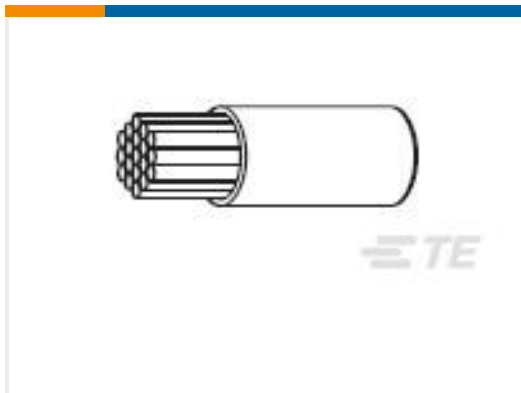
TE Part #5-1415073-1  
RT3S4R24



TE Part #4-1879496-3  
CRGH0805 5% 680K 0.33W



TE Part #1-2176163-5  
UPF50 0.1% 5PPM 500R



TE Part #8464493001  
FLHTC0311-0.25-6

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1415042-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1415042-1\_C.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415042-1\\_C.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Safety Relay Module SR6Z](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English