SR6ZC024 ✔ ACTIVE

SCHRACK | SCHRACK SR6

TE Internal #: 3-1415042-1

Power Relays, Force-Guided, Monostable, DC, 1200 mW Coil Power Rating DC, 480 Ω Coil Resistance, Coil Suppression Diode, SCHRACK SR6

View on TE.com >

Relays, Contactors & Switches > 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

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]

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

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

Other

Comment	Well suited for emergency shut-off,

	machine control, elevator and escalator control, light barrier control

Product Compliance

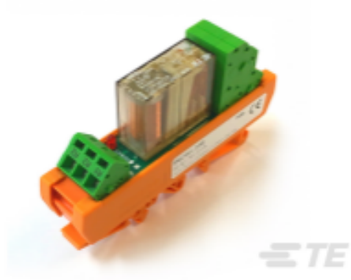
For compliance documentation, visit the product page on TE.com>

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

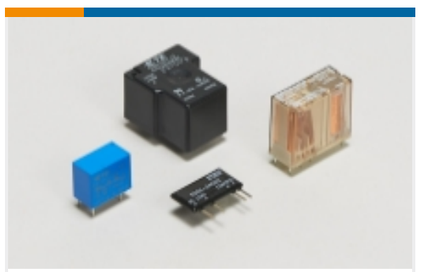
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 9-1415536-1
SR2ZY024

Also in the Series | SCHRACK SR6

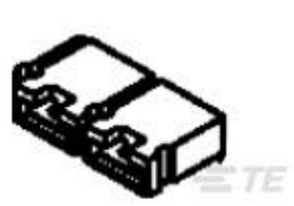


Power Relays(150)

Customers Also Bought

TE Part #211771-1
23-19 CPC RECEPT, STND SEX

TE Part #T4162123005-002
RPC-M12-5MS-1.0SH-M12-5FS-PUR

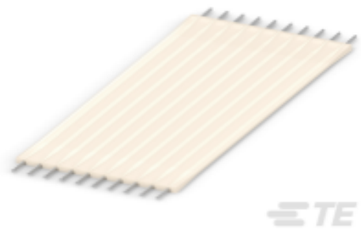


TE Part #827914-3
2P SHUNTCONNECTOR ASSY

TE Part #2176343-7
CRGCQ 1206 33R 1%

TE Part #1-1415060-1
SR6ZA730

TE Part #2-2270024-1
SOLARLOK PV4-S DC Crimp Connectors



TE Part #7-6437144-0
FSN-23A-6

TE Part #9-1879507-4
CRGH0603 1% 56R 0.2W

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

Datasheets & Catalog Pages

Safety Relay Module SR6Z

English

Product Specifications

Definitions General Purpose Relays

English