SR4M4012 ✔ ACTIVE

SCHRACK | SCHRACK SR4 D/M

TE Internal #: 8-1415053-1

Power Relays, Force-Guided, Monostable, DC, 800 mW Coil Power Rating DC, 180 Ω Coil Resistance, 12 VDC Coil Voltage, SCHRACK SR4 D/M

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays > Force Guided Power Relay, 4 Poles

Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

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

Coil Power Rating DC: **800 mW**

Coil Resistance: **180 Ω**

All Force Guided Power Relay, 4 Poles (30)

Features

Product Type Features

Power Relay Type	Force-Guided

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	8 A
Coil Current	.067 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	800 – 1000 mW
Coil Power Rating DC	800 mW
Coil Resistance	180 Ω

Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	30 g[1.058 oz]

Contact Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	3 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	4
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

Dimensions

Length Class (Mechanical)	35 – 40 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	16 – 20 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	13 mm[.512 in]
Product Length	40 mm[1.575 in]
Product Height	16.5 mm[.65 in]

Usage Conditions

Environmental Ambient Temperature Class	-25 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Packaging Features

Packaging Method	Box & Tube, Tube

Other

Comment	Well suited for emergency shut-off,

	machine control, elevator and escalator control, light barrier control

Product Compliance

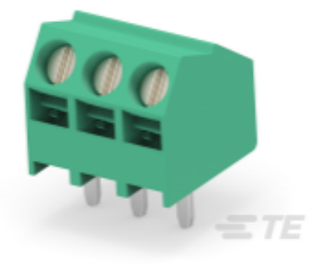
For compliance documentation, visit the product page on TE.com>

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

Product Compliance Disclaimer

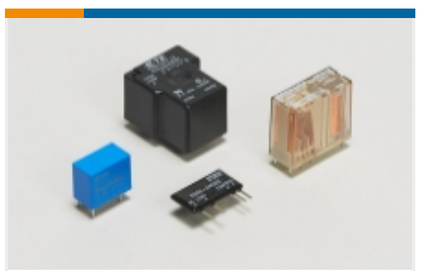
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1546556-3
3P,STACKABLE,55 DEG,3.5MM

Also in the Series | SCHRACK SR4 D/M



Power Relays(28)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1415053-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1415053-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1415053-1_G.3d_stp.zip

English

Datasheets & Catalog Pages

SR4_D/M

English

Datasheet - Force Guided Relays Schrack

English

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

VDE Certificate

English