SR4D4024 ✔ ACTIVE

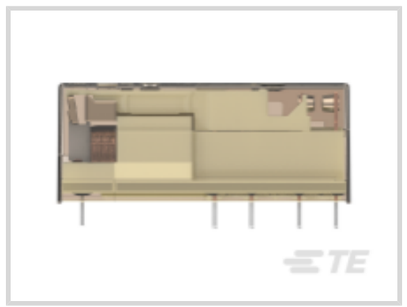
SCHRACK | SCHRACK SR4 D/M

TE Internal #: 3-1415055-1

Power Relays, Force-Guided, Monostable, DC, 800 mW Coil Power Rating DC, 720 Ω Coil Resistance, 24 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: **600 – 800 mW**

Coil Power Rating DC: **800 mW**

Coil Resistance: **720 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	.033 A

Coil Magnetic System	Monostable, DC
Coil Power Rating Class	600 – 800 mW
Coil Power Rating DC	800 mW
Coil Resistance	720 Ω
Coil Voltage Rating	24 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	2 Form A (NO) + 2 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

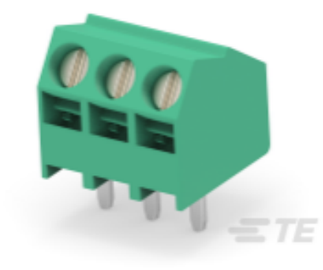
Comment	Well suited for emergency shut-off, machine control, elevator and escalator control, light barrier control

Product Compliance

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

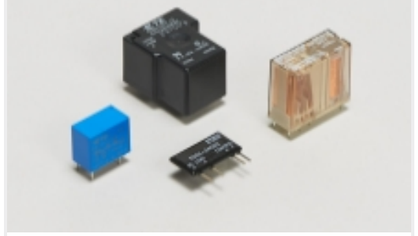
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

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

Customer View Model
ENG_CVM_3-1415055-1_SEK1.3d_igs.zip
English

Customer View Model
ENG_CVM_3-1415055-1_SEK1.3d_stp.zip
English

Customer View Model
ENG_CVM_3-1415055-1_SEK1.2d_dxf.zip
English

3D PDF
3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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