V23047A1048A511 ✔ ACTIVE

SCHRACK | SCHRACK SR2

TE Internal #: 9-1415011-1

Force-Guided Relay, DC, Monostable, 1A (NO) + 1B (NC), 6 A Contact Rating, 48 VDC Coil Voltage, 250 VAC Contact Voltage, .7 W Coil Power, SCHRACK SR2

View on TE.com >

Relays & Contactors > Electromechanical Relays > Force Guided Relay with 2 contacts

Relay & Contactor Type: **Force-Guided Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1A (NO) + 1B (NC)**

Contact Current Rating: **6 A**

All Force Guided Relay with 2 contacts (21)

Features

Contact Features

Contact Material	AgNi

Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.14 in]
Product Height	25.5 mm[1 in]

Product Availability

Product Availability	Worldwide

Packaging Features

Packaging Method	Tube, Box & Tube

Other

Coil Power Rating Class	.6 – .8 W
Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	-25 – 70 °C
Height Class (Mechanical)	25 – 30 mm

Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	12 – 16 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Usage Conditions

Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Body Features

Product Weight	20 g[.706 oz]
Enclosure Type	Flux Resistant Automatic Soldering & Washable

Electrical Characteristics

Contact Limiting Short-Time Current	6 A
Contact Limiting Making Current	6 A
Contact Limiting Continuous Current	6 A
Contact Limiting Breaking Current	6 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 5V
Coil Resistance	3291 Ω
Contact Current Rating	6 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.7 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Configuration Features

Contact Number of Poles	2
Contact Arrangement	1A (NO) + 1B (NC)

Product Type Features

Relay & Contactor Type	Force-Guided Relay

Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

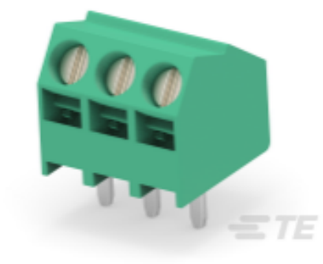
Product Mount Type	Board Mount

Product Compliance

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

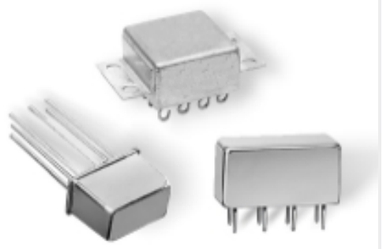
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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 260°C

Compatible Parts



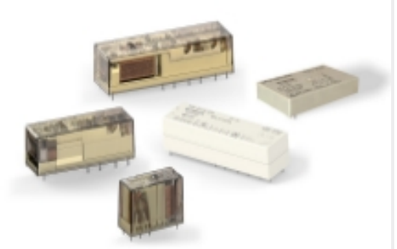
TE Part # 1546556-3
3P,STACKABLE,55 DEG,3.5MM

Also in the Series | SCHRACK SR2



DC Relays(21)

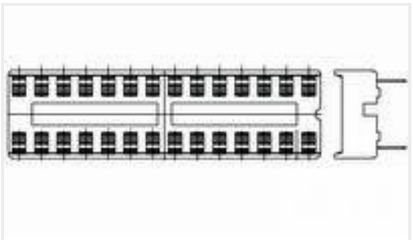
Electromechanical Relays(21)



Force Guided Relays(21)

Plug-In Relays(4)

Customers Also Bought



TE Part #1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9-1415011-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9-1415011-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_9-1415011-1_C.3d_stp.zip

English

Datasheets & Catalog Pages

SR2M

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English