2-1558736-8 ACTIVE

SCHRACK | SCHRACK SR6

TE Internal #: 2-1558736-8

Force-Guided Relay, 3A (NO) + 3B (NC), 8 A Contact Rating, 24 VDC Coil Voltage, 277 VAC Contact Voltage, .7 W Coil Power,

Board Mount, SCHRACK SR6

View on TE.com >



Relays & Contactors > Electromechanical Relays > Force Guided Relay with 6 contacts











Relay & Contactor Type: Force-Guided Relay

Contact Arrangement: 3A (NO) + 3B (NC)

Contact Current Rating: **8 A**Coil Voltage Rating: **24 VDC**

Contact Voltage Rating: 277 VAC

All Force Guided Relay with 6 contacts (75)

Features

Product Type Features

Relay & Contactor Type	Force-Guided Relay
Configuration Features	
Contact Number of Poles	6
Contact Arrangement	3A (NO) + 3B (NC)
Electrical Characteristics	
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)	1mA @ 5V
Coil Resistance	822 Ω
Contact Current Rating	8 A
Coil Voltage Rating	24 VDC



Contact Voltage Rating	277 VAC
Coil Power Rating DC	.7 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Body Features	
Product Weight	29.5 g[1.041 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable
Contact Features	
Contact Plating Material	Gold
Contact Material	AgSnO2
Termination Features	
Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Dimensions	
Insulation Clearance Between Contact & Coil	5.6 mm[.22 in]
Insulation Creepage Between Contact & Coil	5.6 mm[.22 in]
Product Width	16.5 mm[.649 in]
Product Length	55 mm[2.16 in]
Product Height	15.7 mm[.618 in]
Usage Conditions	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Operation/Application	
Solder Process	Wave Solder Capable
Product Availability	
Product Availability	Worldwide
Packaging Features	
Packaging Method	Box & Tube



Coil Power Rating Class	.6 – .8 W
Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	15 – 16 mm
Length Class (Mechanical)	50 – 60 mm
Width Class (Mechanical)	16 – 20 mm

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts





Also in the Series | SCHRACK SR6





Customers Also Bought



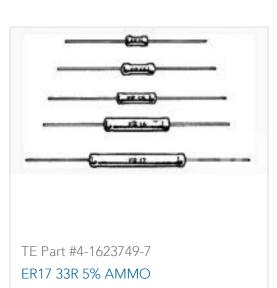
TE Part #384474-E SRCA 2,54 4 M 1 SMD 137 E1 168 * GURT *



TE Part #5822417-1 80 ME .050 VERT AU M/L RET PB-FREE



TE Part #2309877-1
TAB CONNECTOR



TE Part #5-1768415-6 LBG-U-01562/3 TE Part #1-1768030-5 LBG-U-02654/1/EET0817VW/ROT

TE Part #5-1768415-7 LBG-U-02652/2



TE Part #3-1768427-7 LBG-U-01587/1/EET TE Part #60-0363-023-P04 contact socket 6 mm



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-1558736-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1558736-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-1558736-8_A.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

Force Guided Relay SR6 Next Generation

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English