V23050A1110A542 ACTIVE

SCHRACK | SCHRACK SR6

TE Internal #: 1-1393260-3

Force-Guided Relay, Monostable, 4A (NO) + 2B (NC), 8 A Contact Rating, 110 VDC Coil Voltage, 250 VAC Contact Voltage, 1.2 W Coil

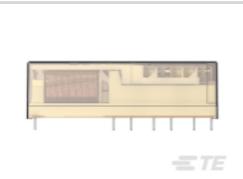
Power, SCHRACK SR6

View on TE.com >



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













Relay & Contactor Type: Force-Guided Relay

Coil Magnetic System: Monostable

Contact Arrangement: 4A (NO) + 2B (NC)

Contact Current Rating: 8 A
Coil Voltage Rating: 110 VDC

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	4A (NO) + 2B (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)	10mA @ 5V
Coil Resistance	10080 Ω
Contact Current Rating	8 A
Coil Voltage Rating	110 VDC



Product Weight 30 g11.058 oz Enclosure Type	Contact Voltage Rating	250 VAC
Product Weight 30 gf1.058 ez] Enclosure Type Flux Resistant Automatic Solder Capable & Washatile Contact Features 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 S.S. mm[.217 in] Insulation Creepage Retween Contact & Coil S.S. mm[.217 in] Product Writth S.S. mm[.217 in] Product Length S.S. mm[.216 in] Product Length S.S. mm[.216 in] Product Length S.S. mm[.216 in] Product Length Retween Contact & Coil S.S. mm[.217 in] Product Length S.S. mm[.218 in] Product Length Retween Contact & Coil S.S. mm[.218 in] Product Apsiliation Creepage Retween Contact & Coil S.S. mm[.218 in] Product Apsiliation Creepage Retween Contact & Coil S.S. mm[.218 in] Product Availability	Coil Power Rating DC	1.2 W
Product Weight 30 gl1.058 az Enclosure Type Flux Resistant Automatic Solder Capable & Washable Contact Features AgSnO2 Termination Features AgSnO2 Termination & Connection Type Solder Pins Main Termination & Connection Type Solder Pins Mechanical Attachment Automatic A	Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Enclosure Type Flux Resistant Automatic Solder Capable & Washable Contact Features Contact Material AgsnO2 Termination Features Main Termination & Connection Type Solder Pins Coll Termination & Connection Type Solder Pins Mechanical Attachment Product Mount Type Board Mount Dimensions Insulation Clearance Between Contact & Coil 5.5 mm(.217 in) Insulation Creepage Between Contact & Coil 5.5 mm(.217 in) Product Width 16.5 mm(.649 in) Product Length S5 mm(.216 in) Product Length S5 mm(.216 in) Product Length 16.5 mm(.649 in) Usage Conditions Operating Temperature Range 25 70 °C(13 – 158 °F) Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C(158 °F) Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Product Availability Packaging Method Box & Tube Other	Body Features	
Contact Features Contact Material AgSnO2 Termination Features Main Termination & Connection Type Solder Pins Coll Termination & Connection Type Solder Pins Mechanical Attachment Product Mount Type Board Mount Dimensions Insulation Clearance Between Contact & Coil 5.5 mm [.217 in] Insulation Creepage Between Contact & Coil 5.5 mm [.217 in] Product Width 16.5 mm [.649 in] Product Length 55 mm [2.16 in] Product Height 16.5 mm [.649 in] Usage Conditions Operating Temperature Range -25 -70 °C[.13 - 158 °T] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[.158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Packaging Features Packaging Method Box & Tube Other	Product Weight	30 g[1.058 oz]
Termination Features Main Termination & Connection Type Solder Pins Mechanical Attachment Product Mount Type Board Mount Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width 16.5 mm[.217 in] Product Length Froduct Length Froduct Tieight Usage Conditions Operating Temperature Range Environmental Category of Protection Environmental Ambient Temperature (Max) Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Product Availability Packaging Features Packaging Method Other	Enclosure Type	·
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Insulation Clearance Between Contact & Coil 5.5 mm[.217 in] Insulation Creepage Between Contact & Coil 5.5 mm[.217 in] Product Width 16.5 mm[.649 in] Product Length 55 mm[2.16 in] Product Height 16.5 mm[.649 in] Usage Conditions Operating Temperature Range -25 – 70 °C[-13 – 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Packaging Features Packaging Method Box & Tube Other	Mechanical Attachment	
Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width 16.5 mm[.217 in] Product Width 16.5 mm[.649 in] Product Height 16.5 mm[.649 in] Usage Conditions Operating Temperature Range 25 – 70 °C[-13 – 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Packaging Features Packaging Method Other	Product Mount Type	Board Mount
Insulation Creepage Between Contact & Coil Product Width 16.5 mm[.649 in] Product Length 55 mm[2.16 in] Product Height 16.5 mm[.649 in] Usage Conditions Operating Temperature Range 25 - 70 °C[-13 - 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Packaging Features Packaging Method Box & Tube Other	Dimensions	
Product Width 16.5 mm[.649 in] Product Length 55 mm[2.16 in] Product Height 16.5 mm[.649 in] Usage Conditions Operating Temperature Range -25 - 70 °C[-13 - 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
Product Length 55 mm[2.16 in] Product Height 16.5 mm[.649 in] Usage Conditions Operating Temperature Range -25 – 70 °C[-13 – 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Product Availability Packaging Features Packaging Method Box & Tube Other	Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Product Height Usage Conditions Operating Temperature Range -25 - 70 °C[-13 - 158 °F] Environmental Category of Protection Environmental Ambient Temperature (Max) Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Other	Product Width	16.5 mm[.649 in]
Usage Conditions Operating Temperature Range -25 – 70 °C[-13 – 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Product Length	55 mm[2.16 in]
Operating Temperature Range -25 - 70 °C[-13 - 158 °F] Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Product Height	16.5 mm[.649 in]
Environmental Category of Protection RTIII Environmental Ambient Temperature (Max) 70 °C[158 °F] Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Usage Conditions	
Environmental Ambient Temperature (Max) Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Other	Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]
Operation/Application Coil Magnetic System Monostable Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Environmental Category of Protection	RTIII
Coil Magnetic System Product Availability Product Availability Worldwide Packaging Features Packaging Method Box & Tube Other	Environmental Ambient Temperature (Max)	70 °C[158 °F]
Product Availability Product Availability Worldwide Packaging Features Packaging Method Other	Operation/Application	
Product Availability Packaging Features Packaging Method Box & Tube Other	Coil Magnetic System	Monostable
Packaging Features Packaging Method Box & Tube Other	Product Availability	
Packaging Method Box & Tube Other	Product Availability	Worldwide
Other	Packaging Features	
	Packaging Method	Box & Tube
Coil Power Rating Class 1 – 1.5 W	Other	
	Coil Power Rating Class	1 – 1.5 W



Contact Current Class	5 – 10 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	15 – 20 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 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







Also in the Series | SCHRACK SR6



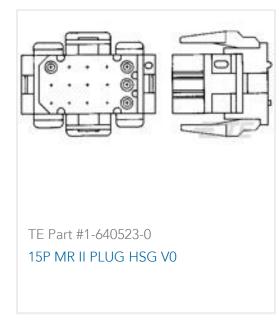


Customers Also Bought



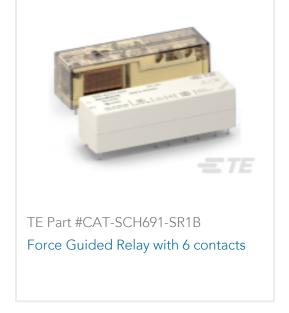












TE Part #3-1419106-0 27E937=SOCKET,RK,8,PCB,THPLAS,B

Documents

CAD Files

Customer View Model ENG_CVM_1-1393260-3_SHK1.3d_igs.zip

English

Customer View Model ENG_CVM_1-1393260-3_SHK1.3d_stp.zip

English



Customer View Model

ENG_CVM_1-1393260-3_SHK1.2d_dxf.zip

English

3D PDF

3D

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393260-3_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393260-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393260-3_G.3d_stp.zip

English

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Datasheets & Catalog Pages

SR6-A-B-C-V

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English