

6-1415537-0 ✓ ACTIVE

SCHRACK | SCHRACK SR6 A/B/C/V

TE Internal #: 6-1415537-0

SCHRACK SR6 A/B/C/V, Power Relays, Force-Guided, Monostable, DC, 800 – 1000mW Coil Power Rating Class, 802mW Coil Power Rating DC

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > Forced Guided Relay, Reinforced Insulate



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

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

Coil Power Rating DC: **802 mW**

Coil Resistance: **101 Ω**

[All Forced Guided Relay, Reinforced Insulate \(78\)](#)

Features

Product Type Features

Power Relay Type	Force-Guided
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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	3 – 5.5 mm
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Contact Limiting Breaking Current	8 A
Coil Current	.089 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	800 – 1000 mW
Coil Power Rating DC	802 mW
Coil Resistance	101 Ω



Coil Voltage Rating	9 VDC
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Contact Switching Load (Min)	10mA @ 5V
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Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	250 VAC
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Body Features

Product Weight	30 g[1.058 oz]
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Contact Features

Contact Plating Material	Gold Flash
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Contact Special Features	Force Guided Contacts
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Contact Arrangement	3 Form A (NO) + 3 Form B (NC)
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Contact Current Class	5 – 10 A
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Contact Current Rating (Max)	8 A
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Contact Material	AgSnO2
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Contact Number of Poles	6
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Terminal Type	PCB-THT
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	50 – 60 mm
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Insulation Clearance Class	5 – 8 mm
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Height Class (Mechanical)	16 – 20 mm
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Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
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Width Class (Mechanical)	16 – 20 mm
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Product Width	16.51 mm[.65 in]
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Product Length	55 mm[2.167 in]
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Product Height	16.5 mm[.65 in]
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Usage Conditions

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

Packaging Method	Box & Tube, Tube
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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: JAN 2021 (211)
Candidate List Declared Against: JUN 2020 (209)
SVHC > Threshold:
4,4'-isopropylidenediphenol (Bisphenol A) (.3% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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

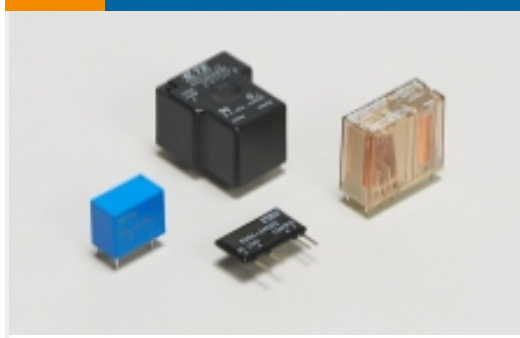
Product Compliance Disclaimer

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 A/B/C/V



Power Relays(78)

Customers Also Bought

TE Part #DTT-20-03
CRIMP TOOLTE Part #1011-232-0305
BKSHL, 3P, BLK, PLG, RA, NW6/7.5/8.5 /10TE Part #2-1564532-1
15POS, MIXED, TAB HSG, ASSYTE Part #K1007153
Toggle Switch 08-1-1-13TE Part #YHDP26-24-35PEL017
PLG, 35P, BLK, E, RNG, 16/20, PTE Part #834936-000
MWTM-10/3-100/S(S100)TE Part #2-2176245-2
CRGS1206 5% 56RTE Part #K1002956
Toggle Switch 08-4-1-13TE Part #160668-6
TERMINALTE Part #HDP24-24-16SE-L015
REC, 16P, BLK, E, THD, 12, S

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-1415537-0_C.2d_dxf.zip](#)

English

Customer View Model



[ENG_CVM_CVM_6-1415537-0_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1415537-0_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SR6_A_B_C_V](#)

English

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6-1415537-0](#)