



Relays & Contactors > Electromechanical Relays > SCHRACK SNR Slimline Relay Package



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **6 A**

[All SCHRACK SNR Slimline Relay Package \(41\)](#)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	6 A
Contact Limiting Making Current	10 A
Contact Limiting Continuous Current	10 A
Contact Limiting Breaking Current	6 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 12V



Coil Resistance	10600 Ω
Contact Current Rating	6 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.217 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	6 g[.2116 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Plating Material	Gold
Contact Material	AgSnO2

Termination Features

Main Termination & Connection Type	Socket Pins
Coil Termination & Connection Type	Socket Pins

Mechanical Attachment

Product Mount Type	Socket Mount
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Dimensions

Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	5 mm[.197 in]
Product Length	28 mm[1.102 in]
Product Height	15 mm[.59 in]

Usage Conditions

Operating Temperature Range	-40 – 85 $^{\circ}\text{C}$ [-40 – 185 $^{\circ}\text{F}$]
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 $^{\circ}\text{C}$ [185 $^{\circ}\text{F}$]

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Box & Tube, Tube
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Other

Coil Power Rating Class	>.2 – ≤.3 W
Contact Current Class	>5 – ≤10 A
Height Class (Mechanical)	>14 – ≤16 mm[>.551 – ≤.63 in]
Length Class (Mechanical)	>22 – ≤33 mm[>.866 – ≤1.299 in]
Width Class (Mechanical)	≤7 mm[≤.276 in]

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



TE Part # 1558942-7
SNRII-S0-1C3-D048

TE Part # 2-1416100-0
ST3FLC4

Also in the Series

SCHRACK Slimline PCB Relay SNR

DC Relays(49)

Electromechanical Relays(49)

Plug-In Relays(10)

Customers Also Bought

TE Part #DRC16-70SBE-P013UK
PLG, 70P, BLK, E, SEAL BOND, B

TE Part #SRK-PC-080-25-601
PIN, SOLID, SIZE M8, 25mm2, AG

TE Part #DTT-20-03
CRIMP TOOL

TE Part #K1007153
Toggle Switch 08-1-1-13

TE Part #K1060489
Relay 29-113-12

TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part #K1002956
Toggle Switch 08-4-1-13

TE Part #K1008699
Relay 26-60-05

TE Part #2-2176245-2
CRGS1206 5% 56R



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1956024-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1956024-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1956024-6_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Relay Package SNR

English

Slim PCB Relay SNR

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

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