



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



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

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

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	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Dimensions	
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	5 mm[.196 in]
Product Length	28 mm[1.1 in]
Product Height	15 mm[.59 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
Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Box & Tube, Tube
Other	
Coil Power Rating Class	.2 – .3 W
Contact Current Class	16 A
Environmental Ambient Temperature Class	70 – 85 °C



Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	0 – 6 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: JUNE 2024 (241) 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 Slimline PCB Relay SNR

A collection of various DC relays, including a large silver one and several smaller black and silver ones.

DC Relays(49)

A collection of various electromechanical relays, including a large black one and several smaller ones in different colors like blue and red.

Electromechanical Relays(49)

A collection of various plug-in relays, including a large black one and several smaller ones in different colors like red and black.

Plug-In Relays(10)

Customers Also Bought

A small electronic component, likely a resistor or capacitor, with a metal film.

TE Part #1-1623783-4
SQM7 47K 5% (METAL FILM)

A small electronic component, likely a resistor or capacitor, with a green body and a silver wire.

TE Part #1-2176610-9
EP 1W (SS) 5R6 5%

A small electronic component, likely a resistor or capacitor, with a blue body and a silver wire.

TE Part #5-794630-0
20P MICRO MNL ASSY,VRT,HDR,LF

A small electronic component, likely a resistor or capacitor, with a gold body and a silver wire.

TE Part #5787745-2
USB A R/A STAK ASSY THRU HOLE

A small electronic component, likely a resistor or capacitor, with a silver body and a blue wire.

TE Part #7-1676913-0
YR1 0.1% 2K21

A small electronic component, likely a resistor or capacitor, with a yellow body and a silver wire.

TE Part #364915-E
STVC 96 M ABC VVV 4-00 0606 * * 247 E007

A small electronic component, likely a resistor or capacitor, with a black body and a silver wire.

TE Part #215875-1
4/4 PCB MOD.JACK SE

A small electronic component, likely a resistor or capacitor, with a silver body and a blue wire.

TE Part #1676914-6
YR1 0.1% 36K5

A small electronic component, likely a resistor or capacitor, with a black body and a silver wire.

TE Part #800365-SF
FN282-2-06

A small electronic component, likely a resistor or capacitor, with a black body and a silver wire.

TE Part #214363-E
ERMBGR BS GSEFB * LP60 GPAU
ERMET-BAUSAT

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_3-1393236-7_B.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_3-1393236-7_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_3-1393236-7_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Slim PCB Relay SNR](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English