3-1416100-4 ✔ ACTIVE

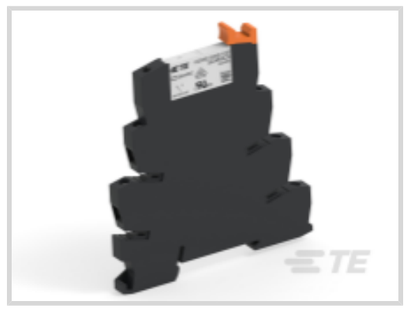
SCHRACK | SCHRACK Relay Package SNR

TE Internal #: 3-1416100-4

General Purpose Power Relay, AC, Monostable, 1 Form C SPDT-CO, 6 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Relay Package SNR

View on TE.com >

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





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

Coil Magnetic System: **Monostable**

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

Current Type: **AC**

Contact Current Rating: **6 A**

All SCHRACK SNR Slimeline Relay Package (41)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Coil Special Features	Diode Rectified
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	6 A
Contact Limiting Breaking Current	6 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 12V
Coil Power Rating AC	.74 VA
Contact Current Rating	6 A

Coil Voltage Rating	230 VAC
Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	32 g[1.129 oz]
Enclosure Type	Dust Protected

Contact Features

Contact Material	AgSnO

Termination Features

Main Termination & Connection Type	Screw Terminals
Coil Termination & Connection Type	Screw Terminals

Mechanical Attachment

Product Mount Type	DIN Rail

Dimensions

Insulation Clearance Between Contact & Coil	6 mm[.236 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	6.2 mm[.244 in]
Product Length	80 mm[3.149 in]
Product Height	94 mm[3.7 in]

Usage Conditions

Operating Temperature Range	-40 – 55 °C[-40 – 131 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	55 °C[131 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	AC

Packaging Features

Packaging Method	Box & Carton

Other

	≤1.1 VA
Contact Current Class	>5 – ≤10 A

Height Class (Mechanical)	>70 mm[>2.756 in]
Length Class (Mechanical)	>70 mm[>2.756 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 with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (85% 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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

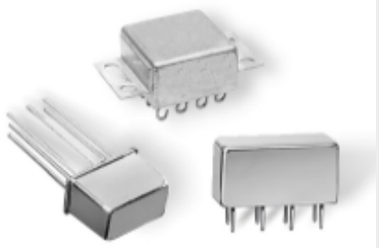
Product Compliance Disclaimer

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

Also in the Series | SCHRACK Relay Package SNR



AC Relays(1)



DC Relays(3)



Electromechanical Relays(4)

Customers Also Bought



TE Part #5677562009
RNF-3000-3/1-0-STK

TE Part #1SNK900609R0000
PROCAP5



TE Part #1SNK910303R0000
JB10-3



TE Part #CAT-C73765-M1E
M12 Field Installable Unshielded



TE Part #9-1415036-1
PTMT00A0



TE Part #3-1416100-1
ST3P3LB2



TE Part #4-1419111-2
PT270024



TE Part #1622359-1
LR1 1% 1K5

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_3-1416100-4_A2.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-1416100-4_A2.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_3-1416100-4_A2.3d_igs.zip

English

3D PDF

3D

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Datasheets & Catalog Pages

RELAY PACKAGE SNR

English

Product Specifications

Definitions General Purpose Relays

English