

3-1416100-1 ✓ ACTIVE

SCHRACK | SCHRACK Relay Package SNR

TE Internal #: 3-1416100-1

Power Relays, Industrial Panel Plug-In, Monostable, DC, 184 mW

Coil Power Rating DC, 848  $\Omega$  Coil Resistance, SCHRACK Relay

Package SNR

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **184 mW**

Coil Resistance: **848  $\Omega$**

Coil Special Features: **Electrical Indicator**

## Features

### Product Type Features

Power Relay Type	Industrial Panel Plug-In
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### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Creepage Class	5.5 – 8 mm
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Creepage Between Contact & Coil	8 mm [.315 in]
Contact Limiting Breaking Current	6 A



Coil Magnetic System	Monostable, DC
Coil Power Rating DC	184 mW
Coil Resistance	848 $\Omega$
Coil Special Features	Electrical Indicator
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

### Body Features

Product Weight	32 g[1.129 oz]
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### Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	6 A
Contact Material	AgSnO
Contact Number of Poles	1
Relay Terminal Type	Screw Terminals

### Mechanical Attachment

Relay Mounting Type	DIN Rail
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### Dimensions

Insulation Clearance Class	5 – 8 mm
Insulation Clearance Between Contact & Coil	6 mm[.236 in]
Width Class (Mechanical)	6 – 8 mm
Product Width	6.2 mm[.244 in]
Product Length	80 mm[3.15 in]
Product Height	94 mm[3.701 in]

### Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	55 °C[131 °F]
Operating Temperature Range	-40 – 55 °C

### Packaging Features

Packaging Method	Box & Carton
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## 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	Compliant
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

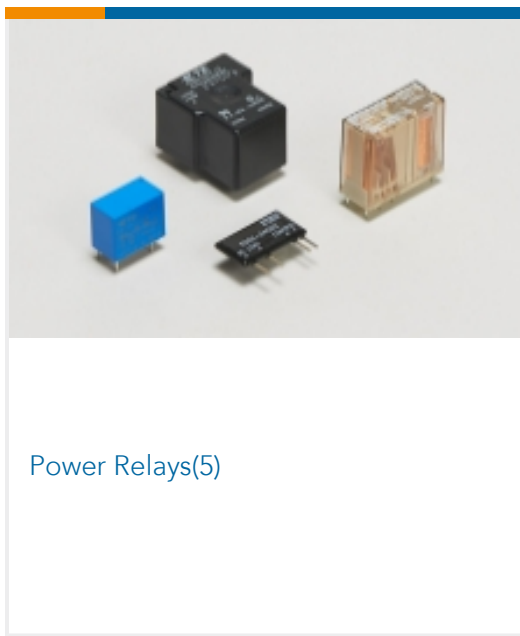
### Product Compliance Disclaimer

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>

## Compatible Parts



Also in the Series | [SCHRACK Relay Package SNR](#)



## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-1416100-1\\_A1.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-1416100-1\\_A1.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-1416100-1\\_A1.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[RELAY PACKAGE SNR](#)

English

### Product Specifications

[Definitions General Purpose Relays](#)

English