



Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**
Coil Magnetic System: **Monostable**
Coil Power Rating Class: **[.5 – 1 VA]**
Coil Special Features: **Diode Rectified**
Coil Voltage Rating: **230 VAC**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	Diode Rectified
Contact Arrangement	1 Form C SPDT-CO
Contact Number of Poles	1

Electrical Characteristics

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 Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	6 A
Coil Voltage Rating	230 VAC



Contact Current Rating	6 A
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 Material	AgSnO
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Termination Features

Relay Connection Type	Plug-In
Terminal Configuration	Screw Terminals

Mechanical Attachment

Product Mount Type	DIN Rail
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Dimensions

Insulation Clearance Between Contact & Coil	6 mm[.236 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	6.2 mm[.24 in]
Product Length	80 mm[3.14 in]
Product Height	94 mm[3.7 in]

Usage Conditions

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

Operation/Application

Current Type	AC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Carton
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Other

Environmental Ambient Temperature Class	50 – 70 °C
Width Class (Mechanical)	6 – 8 mm



	.5 – 1 VA
Contact Current Class	16 A

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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, 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>

Also in the Series | SCHRACK Relay Package SNR







Customers Also Bought




TE Part #T4111001031-000
M12 Field Installable Unshielded




TE Part #5499345-1
A/L UNIV HDR 10P RA SHT LAT




TE Part #T4133012051-000
M12, FRONT MOUNT, FEMALE, A, 5P, SOLDER WIRE




TE Part #5-1393239-5
RT214024




TE Part #1-1625892-0
3W SM M/OX 5% 10K




TE Part #1-1649326-5
RT114024



TE Part #1SNA105116R1600
M4/6



TE Part #3-1415035-1
MT78755



TE Part #6-1393234-7
RP421012

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1416100-4_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1416100-4_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1416100-4_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