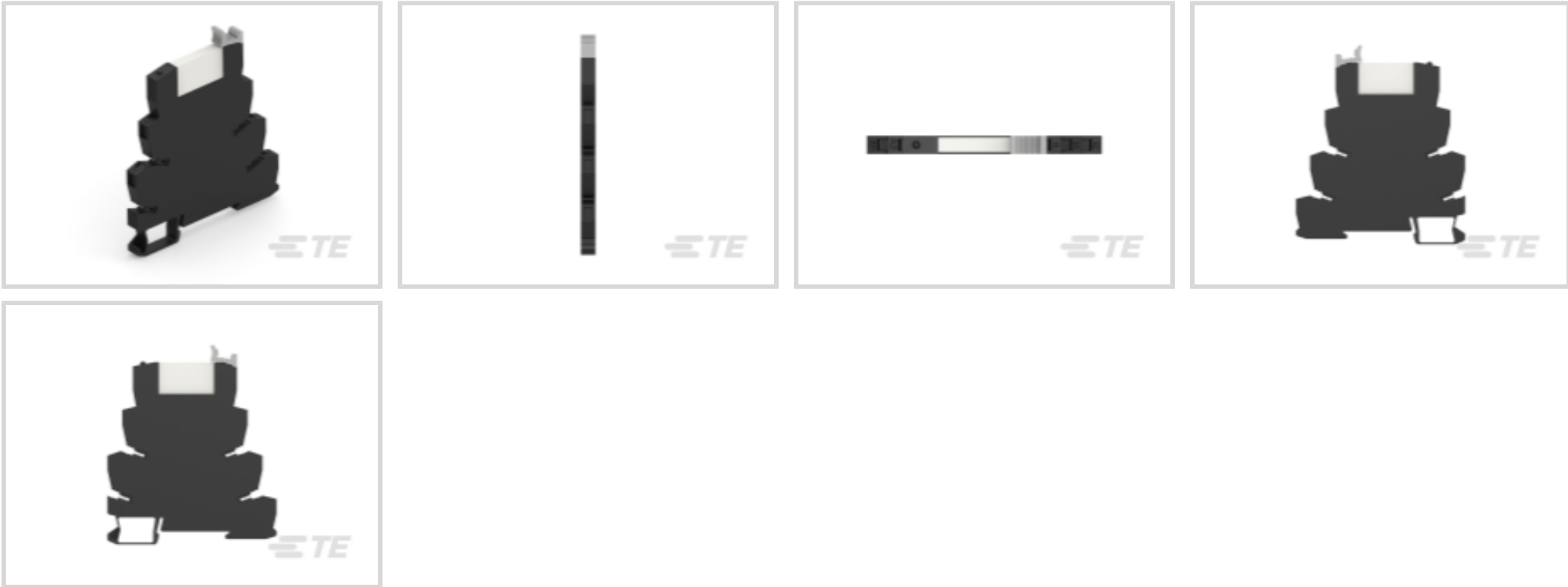




Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating DC: **220 mW**
Coil Resistance: **3390 Ω**
Coil Special Features: **Diode Rectified, Electrical Indicator**

Features

Product Type Features

| | |
|------------------|--------------------------|
| Power Relay Type | Industrial Panel Plug-In |
|------------------|--------------------------|

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 | 200 – 300 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 | 220 mW |
| Coil Resistance | 3390 Ω |
| Coil Special Features | Diode Rectified, Electrical Indicator |
| Coil Voltage Rating | 24 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] |
|----------------|----------------|

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, Gold-Plated |
| Contact Number of Poles | 1 |
| Relay Terminal Type | Screw Terminals |

Mechanical Attachment

| | |
|---------------------|----------|
| Relay Mounting Type | DIN Rail |
|---------------------|----------|

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 |
|------------------|--------------|



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 |

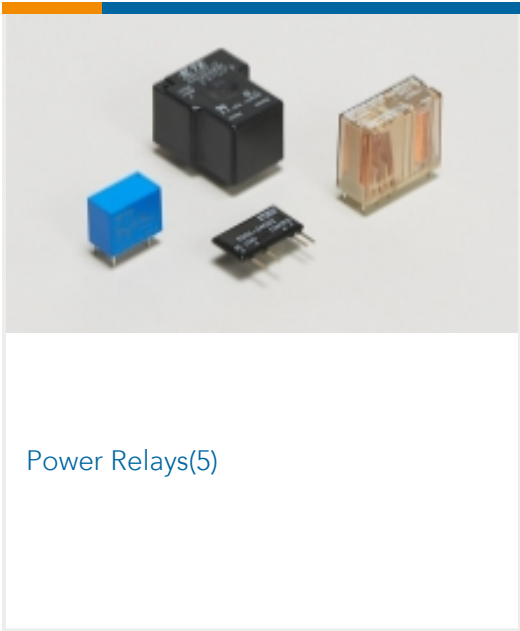
Product Compliance Disclaimer

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




TE Part #W6S2-P012
WEDGE LOCK




TE Part #151679
2 WAY M-N-L PIN HSG.NAT.




TE Part #3-1625885-6
1W SM M/OX 5% 1M0



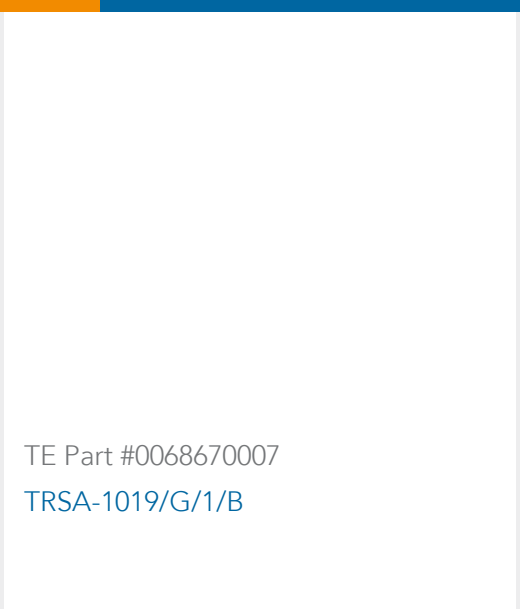
TE Part #3234330001
RPS-1K-16-10/2.0-4




TE Part #1SNK908310R0000
JB8-10



TE Part #8-2176365-7
RQ 0603 316R 0.1% 10PPM 1K RL



TE Part #0068670007
TRSA-1019/G/1/B



TE Part #0068670008
TRSA-1019/G/1/C

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_3-1416100-0_A1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1416100-0_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1416100-0_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