



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Force-Guided**  
Coil Magnetic System: **Monostable, DC**  
Coil Power Rating Class: **1000 – 1500 mW**  
Coil Power Rating DC: **1200 mW**  
Coil Resistance: **480 Ω**

Features

Product Type Features

|                  |              |
|------------------|--------------|
| Power Relay Type | Force-Guided |
|------------------|--------------|

Electrical Characteristics

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 3500 – 4000 V   |
| Insulation Initial Dielectric Between Open Contacts        | 1500 Vrms       |
| Contact Limiting Making Current                            | 8 A             |
| Contact Limiting Short-Time Current                        | 8 A             |
| Contact Limiting Continuous Current                        | 8 A             |
| Insulation Creepage Class                                  | 3 – 5.5 mm      |
| Insulation Initial Dielectric Between Adjacent Contacts    | 3000 Vrms       |
| Insulation Initial Dielectric Between Contacts & Coil      | 4000 Vrms       |
| Insulation Creepage Between Contact & Coil                 | 5.5 mm[.217 in] |
| Contact Limiting Breaking Current                          | 8 A             |
| Coil Current                                               | .05 A           |
| Coil Magnetic System                                       | Monostable, DC  |
| Coil Power Rating Class                                    | 1000 – 1500 mW  |
| Coil Power Rating DC                                       | 1200 mW         |
| Coil Resistance                                            | 480 Ω           |
| Coil Voltage Rating                                        | 24 VDC          |



|                                 |           |
|---------------------------------|-----------|
| Contact Switching Load (Min)    | 10mA @ 5V |
| Contact Switching Voltage (Max) | 400 VAC   |
| Contact Voltage Rating          | 250 VAC   |

Body Features

|                |                |
|----------------|----------------|
| Product Weight | 90 g[1.058 oz] |
|----------------|----------------|

Contact Features

|                              |                               |
|------------------------------|-------------------------------|
| Contact Special Features     | Force Guided Contacts         |
| Contact Arrangement          | 4 Form A (NO) + 2 Form B (NC) |
| Contact Current Class        | 5 – 10 A                      |
| Contact Current Rating (Max) | 8 A                           |
| Contact Material             | AgSnO2                        |
| Contact Number of Poles      | 6                             |
| Terminal Type                | PCB-THT                       |

Mechanical Attachment

|                     |                       |
|---------------------|-----------------------|
| Relay Mounting Type | Printed Circuit Board |
|---------------------|-----------------------|

Dimensions

|                                             |                  |
|---------------------------------------------|------------------|
| Length Class (Mechanical)                   | 50 – 60 mm       |
| Insulation Clearance Class                  | 5 – 8 mm         |
| Height Class (Mechanical)                   | 16 – 20 mm       |
| Insulation Clearance Between Contact & Coil | 5.5 mm[.217 in]  |
| Width Class (Mechanical)                    | 16 – 20 mm       |
| Product Width                               | 16.51 mm[.65 in] |
| Product Length                              | 55 mm[2.167 in]  |
| Product Height                              | 16.5 mm[.65 in]  |

Usage Conditions

|                                         |               |
|-----------------------------------------|---------------|
| Environmental Ambient Temperature Class | -25 – 70 °C   |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Environmental Category of Protection    | RTIII         |

Packaging Features

|                  |                  |
|------------------|------------------|
| Packaging Method | Box & Tube, Tube |
|------------------|------------------|

Other

|         |                                     |
|---------|-------------------------------------|
| Comment | Well suited for emergency shut-off, |
|---------|-------------------------------------|



machine control, elevator and escalator control, light barrier control

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: JUN 2020 (209)<br>Candidate List Declared Against: JAN 2020 (205)<br>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                     | 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 SR6 A/B/C/V



Power Relays(78)

Customers Also Bought



TE Model / Part #1-1623788-0  
Wirewound Resistor: Vertical Mount



TE Model / Part #9-1393792-9  
Signal Relays: PCB mount, 3 amp



TE Model / Part #1415015-1  
SR6A4024 - V23050-A1024-A533



TE Model / Part #3-1415055-1  
SR4D4024



TE Model / Part #2-1571552-6  
820-AG11D-ESL-LF=800 DIP,GF/SN



TE Model / Part #4-1415053-1  
SR4M4024



TE Model / Part #9-1393644-1  
V42254B1200C960=PC612 MESSERLE



TE Model / Part #1393774-1  
V23026A1001B201



TE Model / Part #1-1393774-2  
V23026A1004B201

Documents

CAD Files

3D PDF

3D

3D PDF

3D

Customer View Model

ENG\_CVM\_1393260-7\_SHK1.3d\_igs.zip

English



Customer View Model

[ENG\\_CVM\\_1393260-7\\_SHK1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1393260-7\\_SHK1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1393260-7\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1393260-7\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1393260-7\\_G.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SR6\\_A\\_B\\_C\\_V](#)

English

Industrial Relays Quick Reference Guide

English

SHRACK Force Guided Relays - Virtual Sample Kit

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

[Definitions Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English