



Relays & Contactors > Electromechanical Relays > Force Guided Relay, DIN-rail



Relay & Contactor Type: **Force-Guided Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **3A (NO) + 3B (NC)**

Current Type: **DC**

Contact Current Rating: **8 A**

[All Force Guided Relay, DIN-rail \(12\)](#)

## Features

### Product Type Features

|                        |                    |
|------------------------|--------------------|
| Relay & Contactor Type | Force-Guided Relay |
|------------------------|--------------------|

### Configuration Features

|                         |                        |
|-------------------------|------------------------|
| Contact Number of Poles | 6                      |
| Coil Special Features   | Coil Suppression Diode |
| Contact Arrangement     | 3A (NO) + 3B (NC)      |

### Electrical Characteristics

|   |           |
|---|-----------|
| Contact Limiting Short-Time Current                     | 8 A       |
| Contact Limiting Making Current                         | 8 A       |
| Contact Limiting Continuous Current                     | 8 A       |
| Contact Limiting Breaking Current                       | 8 A       |
| Insulation Initial Dielectric Between Open Contacts     | 1000 Vrms |
| Insulation Initial Dielectric Between Adjacent Contacts | 2000 Vrms |
| Contact Switching Voltage (Max)                         | 250 VAC   |
| Contact Switching Load (Min)                            | 10mA @ 5V |
| Coil Resistance   | 480 Ω     |
| Contact Current Rating                                  | 8 A       |
| Coil Voltage Rating                                     | 24 VDC    |



|                        |         |
|------------------------|---------|
| Contact Voltage Rating | 250 VAC |
|------------------------|---------|

|                      |       |
|----------------------|-------|
| Coil Power Rating DC | 1.2 W |
|----------------------|-------|

|   |           |
|---|-----------|
| Insulation Initial Dielectric Between Contacts & Coil | 3000 Vrms |
|---|-----------|

### Body Features

|                |                |
|----------------|----------------|
| Product Weight | 90 g[3.175 oz] |
|----------------|----------------|

|                |                |
|----------------|----------------|
| Enclosure Type | Dust Protected |
|----------------|----------------|

### Contact Features

|                  |        |
|------------------|--------|
| Contact Material | AgSnO2 |
|------------------|--------|

### Termination Features

|                                    |           |
|------------------------------------|-----------|
| Main Termination & Connection Type | Connector |
|------------------------------------|-----------|

|                                    |           |
|------------------------------------|-----------|
| Coil Termination & Connection Type | Connector |
|------------------------------------|-----------|

### Mechanical Attachment

|                    |          |
|--------------------|----------|
| Product Mount Type | DIN Rail |
|--------------------|----------|

### Dimensions

|   |                 |
|---|-----------------|
| Insulation Clearance Between Contact & Coil | 5.5 mm[.217 in] |
|---|-----------------|

|  |                 |
|--|-----------------|
| Insulation Creepage Between Contact & Coil | 5.5 mm[.217 in] |
|--|-----------------|

|               |                |
|---------------|----------------|
| Product Width | 46 mm[1.81 in] |
|---------------|----------------|

|                |                 |
|----------------|-----------------|
| Product Length | 87 mm[3.425 in] |
|----------------|-----------------|

|                |                  |
|----------------|------------------|
| Product Height | 66.5 mm[2.61 in] |
|----------------|------------------|

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -25 – 50 °C[-13 – 122 °F] |
|-----------------------------|---------------------------|

|                                      |     |
|--------------------------------------|-----|
| Environmental Category of Protection | RTI |
|--------------------------------------|-----|

|   |               |
|---|---------------|
| Environmental Ambient Temperature (Max) | 50 °C[122 °F] |
|---|---------------|

### Operation/Application

|                      |            |
|----------------------|------------|
| Coil Magnetic System | Monostable |
|----------------------|------------|

|              |    |
|--------------|----|
| Current Type | DC |
|--------------|----|

### Product Availability

|                      |           |
|----------------------|-----------|
| Product Availability | Worldwide |
|----------------------|-----------|

### Packaging Features

|                  |              |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

### Other

|                           |                                  |
|---------------------------|----------------------------------|
| Coil Power Rating Class   | >1 – ≤1.5 W                      |
| Contact Current Class     | >5 – ≤10 A                       |
| Height Class (Mechanical) | >45 – ≤70 mm[>1.772 – ≤2.756 in] |
| Length Class (Mechanical) | >70 mm[>2.756 in]                |
| Width Class (Mechanical)  | >33 mm[>1.299 in]                |

## 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Not applicable for solder process capability   |

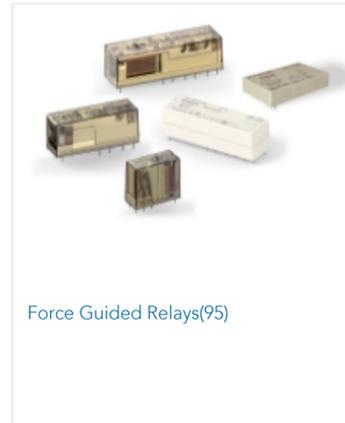
### Product Compliance Disclaimer

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 SR6



## Customers Also Bought



## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_7-1415033-1\\_C.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_7-1415033-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-1415033-1\\_C.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[Safety Relay Module SR6Z](#)

English

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### Product Specifications

[Definitions General Purpose Relays](#)

English

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### Agency Approvals

[CE Declaration of Conformity](#)

English