

1-1415012-1 ✓ ACTIVE

SCHRACK | SCHRACK SR2

TE Internal #: 1-1415012-1

Force-Guided Relay, DC, Monostable, 2 Form C DPDT-CO, 6 A  
Contact Rating, 110 VDC Coil Voltage, 250 VAC Contact Voltage, .7  
W Coil Power, SCHRACK SR2

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays > Force Guided Relay with 2 contacts



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

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Current Type: **DC**

Contact Current Rating: **6 A**

[All Force Guided Relay with 2 contacts \(21\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                         |                  |
|-------------------------|------------------|
| Contact Number of Poles | 2                |
| Contact Arrangement     | 2 Form C DPDT-CO |

### Electrical Characteristics

|   |                |
|---|----------------|
| Contact Limiting Short-Time Current                     | 6 A            |
| Contact Limiting Making Current                         | 6 A            |
| Contact Limiting Continuous Current                     | 6 A            |
| Contact Limiting Breaking Current                       | 6 A            |
| Insulation Initial Dielectric Between Open Contacts     | 1500 Vrms      |
| Insulation Initial Dielectric Between Adjacent Contacts | 3000 Vrms      |
| Contact Switching Voltage (Max)                         | 400 VAC        |
| Contact Switching Load (Min)                            | 10mA @ 5V      |
| Coil Resistance   | 17285 $\Omega$ |
| Contact Current Rating                                  | 6 A            |
| Coil Voltage Rating                                     | 110 VDC        |
| Contact Voltage Rating                                  | 250 VAC        |



|                      |      |
|----------------------|------|
| Coil Power Rating DC | .7 W |
|----------------------|------|

|   |           |
|---|-----------|
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
|---|-----------|

### Body Features

|                |               |
|----------------|---------------|
| Product Weight | 20 g[.706 oz] |
|----------------|---------------|

|                |  |
|----------------|--|
| Enclosure Type | Flux Resistant Automatic Solder Capable & Washable |
|----------------|--|

### Contact Features

|                  |      |
|------------------|------|
| Contact Material | AgNi |
|------------------|------|

### Termination Features

|                                    |             |
|------------------------------------|-------------|
| Main Termination & Connection Type | Solder Pins |
|------------------------------------|-------------|

|                                    |             |
|------------------------------------|-------------|
| Coil Termination & Connection Type | Solder Pins |
|------------------------------------|-------------|

### Mechanical Attachment

|                    |             |
|--------------------|-------------|
| Product Mount Type | Board Mount |
|--------------------|-------------|

### Dimensions

|   |               |
|---|---------------|
| Insulation Clearance Between Contact & Coil | 8 mm[.315 in] |
|---|---------------|

|  |               |
|--|---------------|
| Insulation Creepage Between Contact & Coil | 8 mm[.315 in] |
|--|---------------|

|               |                  |
|---------------|------------------|
| Product Width | 12.6 mm[.496 in] |
|---------------|------------------|

|                |                 |
|----------------|-----------------|
| Product Length | 29 mm[1.141 in] |
|----------------|-----------------|

|                |               |
|----------------|---------------|
| Product Height | 25.5 mm[1 in] |
|----------------|---------------|

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
|-----------------------------|---------------------------|

|                                      |       |
|--------------------------------------|-------|
| Environmental Category of Protection | RTIII |
|--------------------------------------|-------|

|   |               |
|---|---------------|
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
|---|---------------|

### Operation/Application

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

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

### Product Availability

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

### Packaging Features

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

### Other



|                           |                                 |
|---------------------------|---------------------------------|
| Coil Power Rating Class   | >.6 – ≤1 W                      |
| Contact Current Class     | >5 – ≤10 A                      |
| Height Class (Mechanical) | >22 – ≤27 mm[>.866 – ≤1.063 in] |
| Length Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |
| Width Class (Mechanical)  | >11 – ≤14 mm[>.433 – ≤.551 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: JAN 2025 (247)<br>SVHC > Threshold:<br>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in 10539788067)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| 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



TE Part # 8-1415543-0  
V23047-P1110-A501

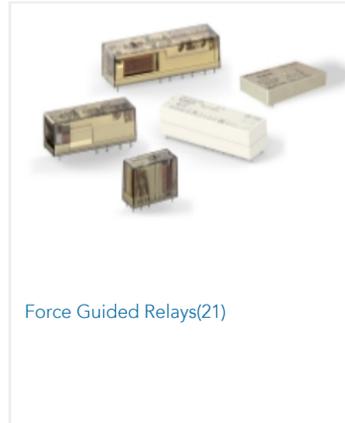
### Also in the Series | SCHRACK SR2



DC Relays(21)



Electromechanical Relays(21)



Force Guided Relays(21)



Plug-In Relays(4)

### Customers Also Bought



TE Part #1-644752-3  
13P MTA156 HDR ASSY SQ STR F/L



TE Part #5-1393028-1  
ODCM-5 = SLIM PCB MOUNT,3A,60V  
DC-DC I/p



TE Part #4-1393117-7  
KUP-11D15-48=KU



TE Part #1-1393130-0  
PRD-7AY0-240=PRD



TE Part #2-1393237-3  
RT314024F



TE Part #1-1393243-7  
RTE24615



TE Part #1-1393258-5  
V23047-A1024-A501



TE Part #1571220-2  
SWITCH,TACT,12X12,SEALD,W/POST



TE Part #8-1608052-3  
157-23F2LC=R2983



TE Part #2-1617529-8  
D703008=0200 J RELAY



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1415012-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1415012-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1415012-1\\_F.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### SR2M

English

### Product Specifications

#### Definitions General Purpose Relays

English

### Agency Approvals

#### VDE Certificate

English