

1-1415012-1  ACTIVE

SCHRACK | SCHRACK SR2

TE Internal #: 1-1415012-1

Power Relays, Force-Guided, Monostable, 700 mW Coil Power

Rating DC, 17285  $\Omega$  Coil Resistance, 110 VDC Coil Voltage, 2 Form

C (CO), SCHRACK SR2

[View on TE.com >](#)



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



Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **700 mW**

Coil Resistance: **17285  $\Omega$**

Coil Voltage Rating: **110 VDC**

[All Force Guided Relay with 2 contacts \(33\)](#)

## Features

### Product Type Features

Relay Type	Force-Guided
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### Configuration Features

Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	6 A
Coil Power Rating DC	700 mW
Coil Resistance	17285 $\Omega$
Coil Voltage Rating	110 VDC
Contact Current Rating	6 A
Contact Switching Load (Min)	10mA @ 5V

Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	250 VAC
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#### Body Features

Product Weight	20 g[.706 oz]
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#### Contact Features

Contact Material	AgNi
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#### Termination Features

Relay Connection Type	PCB Termination
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Terminal Configuration	Solder Pins
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#### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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#### Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
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Insulation Creepage Between Contact & Coil	8 mm[.315 in]
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Product Width	12.6 mm[.496 in]
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Product Length	29 mm[1.14 in]
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Product Height	25.5 mm[1 in]
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#### Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
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#### Operation/Application

Actuating System	DC
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Coil Magnetic System	Monostable
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#### Packaging Features

Packaging Method	Box & Tube, Tube
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#### Other

Length Class (Mechanical)	25 - 30 mm
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Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
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Environmental Ambient Temperature Class	-25 - 70 °C
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Insulation Creepage Class	5.5 - 8 mm
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Insulation Clearance Class	5 - 8 mm
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Height Class (Mechanical)	25 - 30 mm
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Coil Power Rating Class	600 - 800 mW
Width Class (Mechanical)	12 - 16 mm
Contact Current Class	5 - 10 A

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part) <small>Article Safe Usage Statements: 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.</small>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

### Product Compliance Disclaimer

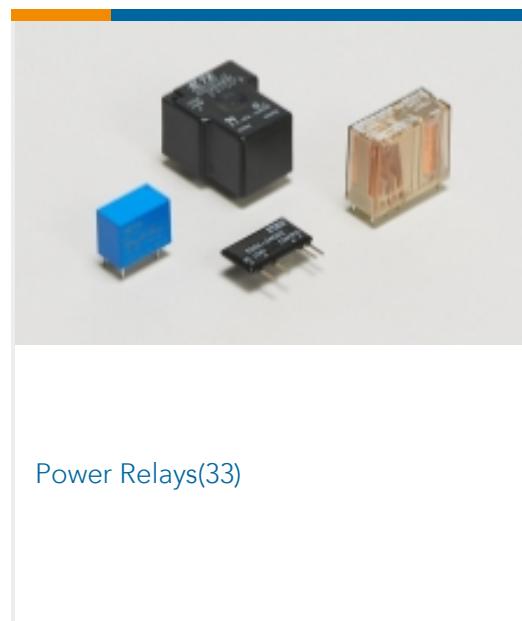
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Power Relays(33)

## Customers Also Bought



TE Part # 5499910-2  
 A/L UNIV HDR 14P VERT SHT LAT



TE Part # 5748979-1  
 AMP III RCPT 9P RA 318 FFSCRLK  
 /BDLK



TE Part # 6-1415054-1  
 SR4M4110



TE Part # 1419135-3  
 OJ-SS-112HM,000



TE Part # 7-1393117-8  
 KUP-14A15-120=KU-



TE Part # 1658622-8  
 34 NOVO MIL/CTR 30DP,LEAD FREE



TE Part # 6-103168-1  
 26 MODII HDR DRST SHRD .100CL



TE Part # 5-794632-0  
 20P MICRO MNL ASSY,VRT,HDR,LF



TE Part # 1-1587987-7  
 RECEPTACLE ASSEMBLY, Shunt, MSD

## 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.

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### Datasheets & Catalog Pages

[SR2M](#)

English

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### Product Specifications

[Definitions](#) [General Purpose Relays](#)

English

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### Agency Approvals

[VDE Certificate](#)

English