

1-1415012-1 ✓ ACTIVE

SCHRACK | SCHRACK SR2

TE Internal #: 1-1415012-1

Power Relays, Force-Guided, Monostable, DC, 700 mW Coil Power Rating DC, 17285 Ω Coil Resistance, 110 VDC Coil Voltage, 2 Form C (CO), SCHRACK SR2

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



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **700 mW**

Coil Resistance: **17285 Ω**

Coil Voltage Rating: **110 VDC**

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

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 | 6 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 | 600 – 800 mW |
| Insulation Initial Dielectric Between Adjacent Contacts | 3000 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 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 | 700 mW |
| Coil Resistance | 17285 Ω |
| Coil Voltage Rating | 110 VDC |



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|------------------------------|-----------|
| Contact Switching Load (Min) | 10mA @ 5V |
|------------------------------|-----------|

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|---------------------------------|---------|
| Contact Switching Voltage (Max) | 400 VAC |
|---------------------------------|---------|

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

Body Features

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

Contact Features

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|--------------------------|-----------------------|
| Contact Special Features | Force Guided Contacts |
|--------------------------|-----------------------|

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|---------------------|---------------|
| Contact Arrangement | 2 Form C (CO) |
|---------------------|---------------|

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|-----------------------|----------|
| Contact Current Class | 5 – 10 A |
|-----------------------|----------|

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 6 A |
|------------------------------|-----|

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

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|-------------------------|---|
| Contact Number of Poles | 2 |
|-------------------------|---|

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|---------------------|---------|
| Relay Terminal Type | PCB-THT |
|---------------------|---------|

Mechanical Attachment

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

Dimensions

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|---------------------------|------------|
| Length Class (Mechanical) | 25 – 30 mm |
|---------------------------|------------|

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|----------------------------|----------|
| Insulation Clearance Class | 5 – 8 mm |
|----------------------------|----------|

| | |
|---------------------------|------------|
| Height Class (Mechanical) | 25 – 30 mm |
|---------------------------|------------|

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

| | |
|--------------------------|------------|
| Width Class (Mechanical) | 12 – 16 mm |
|--------------------------|------------|

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

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|----------------|-----------------|
| Product Length | 29 mm[1.142 in] |
|----------------|-----------------|

| | |
|----------------|-------------------|
| Product Height | 25.5 mm[1.004 in] |
|----------------|-------------------|

Usage Conditions

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|---|-------------|
| Environmental Ambient Temperature Class | -25 – 70 °C |
|---|-------------|

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

Packaging Features

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

Other

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|---------|--|
| Comment | Well suited for emergency shut-off, machine control, elevator and escalator control, light barrier control |
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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 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC |
| 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

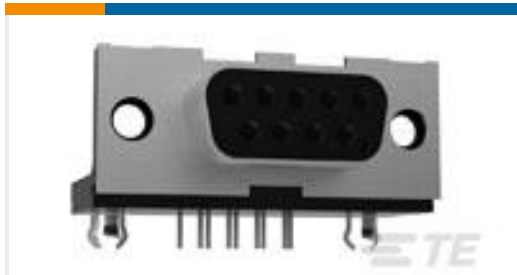


Also in the Series | **SCHRACK SR2**



Power Relays(33)

Customers Also Bought

TE Part #1-106505-2
9P.HDP20 REC.ASSY.TE Part #6116173-1
INV MJ.1X1,PNL GRD,SHLD,LED (G/Y)TE Part #5-794632-0
20P MICRO MNL ASSY,VRT,HDR,LFTE Part #176284-1
AMP UNIVERSAL POWER CAP 4PTE Part #2-1393122-6
KHAU-17A11N-120=KHTE Part #1393240-6
RT314615TE Part #7-1393215-9
V23057-B0006-A102TE Part #1-1393127-6
PRD-11AH0-120=PRDTE Part #6-1393127-0
PRD-11DY0-110=PRDTE Part #2069526-2
DYNAMIC FRAME PANEL X key

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

[Datasheet - Force Guided Relays Schrack](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English