

SR6ZA024 ✓ ACTIVE

SCHRACK | SCHRACK SR6

TE Internal #: 7-1415033-1

Power Relays, Force-Guided, Monostable, DC, 1200 mW Coil

Power Rating DC, 480 Ω Coil Resistance, Coil Suppression Diode,

SCHRACK SR6

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > Force Guided Relay, DIN-rail



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **1200 mW**

Coil Resistance: **480 Ω**

Coil Special Features: **Coil Suppression Diode**

[All Force Guided Relay, DIN-rail \(20\)](#)

Features

Product Type Features

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

Electrical Characteristics

| | |
|--|------------------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 2500 – 3000 V |
| Insulation Initial Dielectric Between Open Contacts | 1000 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 |
| Coil Power Rating Class | 1000 – 1500 mW |
| Insulation Initial Dielectric Between Adjacent Contacts | 2000 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 3000 Vrms |
| Insulation Creepage Between Contact & Coil | 5.5 mm[.217 in] |
| Contact Limiting Breaking Current | 8 A |
| Coil Magnetic System | Monostable, DC |
| Coil Power Rating DC | 1200 mW |
| Coil Resistance | 480 Ω |
| Coil Special Features | Coil Suppression Diode |

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|---------------------|--------|
| Coil Voltage Rating | 24 VDC |
|---------------------|--------|

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

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|---------------------------------|---------|
| Contact Switching Voltage (Max) | 250 VAC |
|---------------------------------|---------|

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

Body Features

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

Contact Features

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

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|---------------------|-------------------------------|
| Contact Arrangement | 3 Form A (NO) + 3 Form B (NC) |
|---------------------|-------------------------------|

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

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 8 A |
|------------------------------|-----|

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|------------------|--------------------|
| Contact Material | AgSnO ₂ |
|------------------|--------------------|

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|-------------------------|---|
| Contact Number of Poles | 6 |
|-------------------------|---|

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|---------------------|----------------------------|
| Relay Terminal Type | Screwless Clamp Connectors |
|---------------------|----------------------------|

Mechanical Attachment

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|---------------------|----------|
| Relay Mounting Type | DIN Rail |
|---------------------|----------|

Dimensions

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|---------------------------|-------|
| Length Class (Mechanical) | 60 mm |
|---------------------------|-------|

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

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|---------------------------|-------|
| Height Class (Mechanical) | 50 mm |
|---------------------------|-------|

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

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|--------------------------|-------|
| Width Class (Mechanical) | 40 mm |
|--------------------------|-------|

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|---------------|----------------|
| Product Width | 46 mm[1.81 in] |
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|----------------|-----------------|
| Product Length | 87 mm[3.425 in] |
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|----------------|-----------------|
| Product Height | 54 mm[2.126 in] |
|----------------|-----------------|

Usage Conditions

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|---|-------------|
| Environmental Ambient Temperature Class | -25 – 50 °C |
|---|-------------|

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

Packaging Features

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

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: 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 | 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**



Power Relays(150)

Customers Also Bought



TE Part #6609066-1
3AYO1=F7691 S0



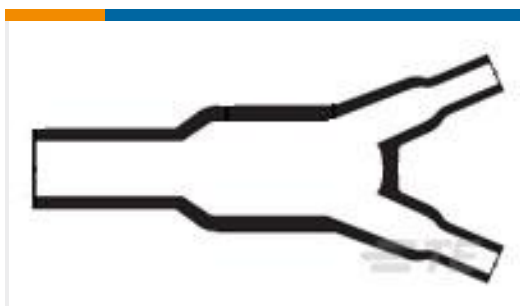
TE Part #2-1761603-6
IDC LOW PRO HDR 16P VERT BLUE



TE Part #5-1618388-8
LEV200A6NAA=RELAY, SPST-NO



TE Part #1SNK505960R0000
ES4-D2



TE Part #820192-000
382A012-25-0



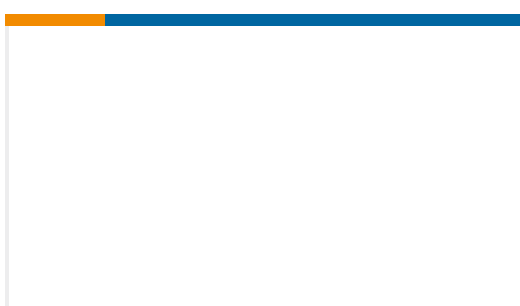
TE Part #1SNK505210R0000
ZS4-D2



TE Part #1SNA160496R2600
DR4/6.P



TE Part #1SNA173016R1000
SCDR61



TE Part #CH5299-000
PP000010

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.

Datasheets & Catalog Pages

[Safety Relay Module SR6Z](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English