

1558737-8 ✓ ACTIVE

SCHRACK | SCHRACK SR6

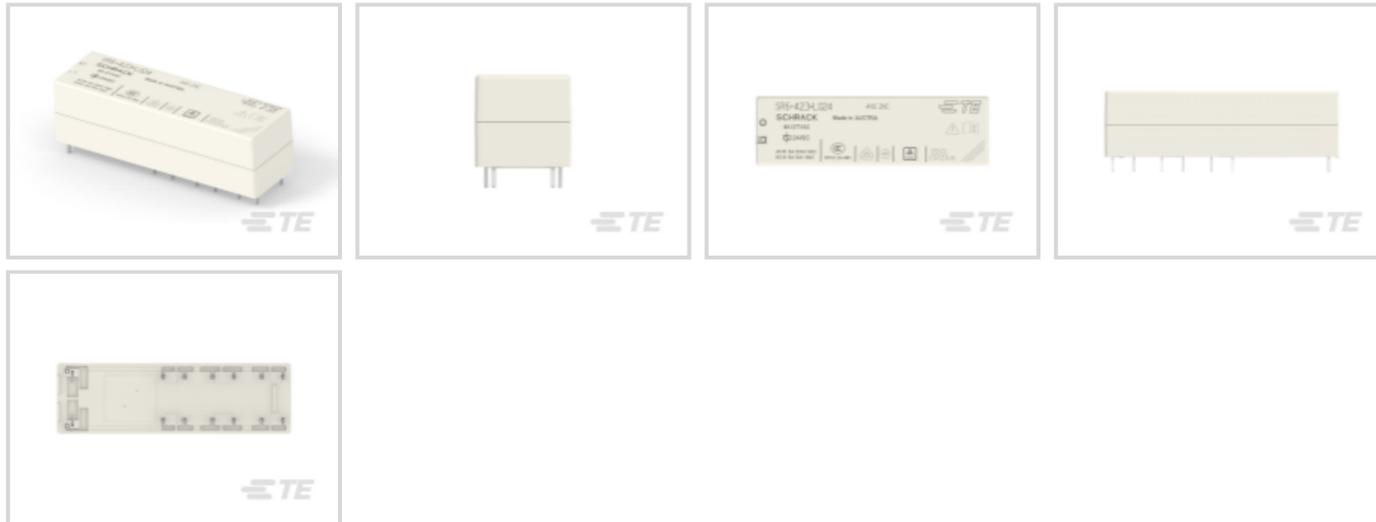
TE Internal #: 1558737-8

Force-Guided Relay, Monostable, 4A (NO) + 2B (NC), 8 A Contact Rating, 24 VDC Coil Voltage, 277 VAC Contact Voltage, .7 W Coil Power, SCHRACK SR6

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays > Force Guided Relay with 6 contacts



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

Coil Magnetic System: **Monostable**

Contact Arrangement: **4A (NO) + 2B (NC)**

Contact Current Rating: **8 A**

Coil Voltage Rating: **24 VDC**

[All Force Guided Relay with 6 contacts \(69\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|-------------------------|-------------------|
| Contact Number of Poles | 6 |
| Contact Arrangement | 4A (NO) + 2B (NC) |

Electrical Characteristics

| | |
|---|-----------|
| 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) | 1mA @ 5V |
| Coil Resistance | 822 Ω |
| Contact Current Rating | 8 A |
| Coil Voltage Rating | 24 VDC |



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|------------------------|---------|
| Contact Voltage Rating | 277 VAC |
|------------------------|---------|

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

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

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|----------------|------------------|
| Product Weight | 29.5 g[1.041 oz] |
|----------------|------------------|

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

Contact Features

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

Termination Features

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

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

Mechanical Attachment

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

Dimensions

| | |
|---|----------------|
| Insulation Clearance Between Contact & Coil | 5.6 mm[.22 in] |
|---|----------------|

| | |
|--|----------------|
| Insulation Creepage Between Contact & Coil | 5.6 mm[.22 in] |
|--|----------------|

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|---------------|-----------------|
| Product Width | 16.5 mm[.65 in] |
|---------------|-----------------|

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|----------------|-----------------|
| Product Length | 55 mm[2.165 in] |
|----------------|-----------------|

| | |
|----------------|------------------|
| Product Height | 15.7 mm[.618 in] |
|----------------|------------------|

Usage Conditions

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|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

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

| | |
|---|---------------|
| Environmental Ambient Temperature (Max) | 85 °C[185 °F] |
|---|---------------|

Operation/Application

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|----------------|---------------------|
| Solder Process | Wave Solder Capable |
|----------------|---------------------|

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

Product Availability

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

Packaging Features

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

Other



| | |
|---------------------------|----------------------------------|
| Coil Power Rating Class | >.6 – ≤1 W |
| Contact Current Class | >5 – ≤10 A |
| Height Class (Mechanical) | >14 – ≤16 mm[>.551 – ≤.63 in] |
| Length Class (Mechanical) | >45 – ≤70 mm[>1.772 – ≤2.756 in] |
| Width Class (Mechanical) | >16 – ≤22 mm[>.63 – ≤.866 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 |

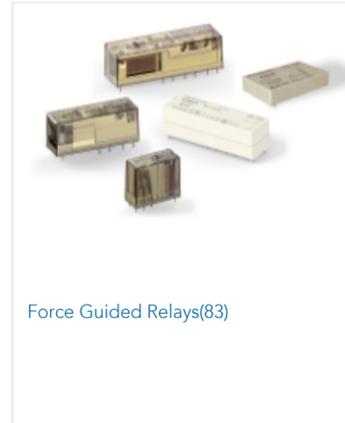
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | **SCHRACK SR6**



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1558737-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558737-8_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558737-8_A.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

Force Guided Relay SR6 Next Generation

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English