



Relays, Contactors & Switches > Relays > Power Relays > Forced Guided Relay, Reinforced Insulate



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **600 – 800 mW**

Coil Power Rating DC: **800 mW**

Coil Resistance: **4500 Ω**

[All Forced Guided Relay, Reinforced Insulate \(78\)](#)

Features

Product Type Features

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

Electrical Characteristics

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|--|-----------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 3500 – 4000 V |
| Insulation Initial Dielectric Between Open Contacts | 1500 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 |
| Insulation Initial Dielectric Between Adjacent Contacts | 3000 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
| Insulation Creepage Between Contact & Coil | 5.5 mm[.217 in] |
| Contact Limiting Breaking Current | 8 A |
| Coil Current | .013 A |
| Coil Magnetic System | Monostable, DC |
| Coil Power Rating Class | 600 – 800 mW |
| Coil Power Rating DC | 800 mW |
| Coil Resistance | 4500 Ω |



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|---------------------|--------|
| Coil Voltage Rating | 60 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 | 30 g[1.058 oz] |
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Contact Features

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|--------------------------|------------|
| Contact Plating Material | Gold Flash |
|--------------------------|------------|

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

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|---------------------|-------------------------------|
| Contact Arrangement | 5 Form A (NO) + 1 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 | AgSnO2 |
|------------------|--------|

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

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

Mechanical Attachment

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

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|---------------------------|------------|
| Length Class (Mechanical) | 50 – 60 mm |
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|----------------------------|----------|
| Insulation Clearance Class | 5 – 8 mm |
|----------------------------|----------|

| | |
|---------------------------|------------|
| Height Class (Mechanical) | 16 – 20 mm |
|---------------------------|------------|

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

| | |
|--------------------------|------------|
| Width Class (Mechanical) | 16 – 20 mm |
|--------------------------|------------|

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|---------------|------------------|
| Product Width | 16.51 mm[.65 in] |
|---------------|------------------|

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|----------------|-----------------|
| Product Length | 55 mm[2.167 in] |
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|----------------|-----------------|
| Product Height | 16.5 mm[.65 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] |
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Packaging Features

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| Packaging Method | Box & Tube, Tube |
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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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: 4,4'-isopropylidenediphenol (Bisphenol A) (.3% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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 |

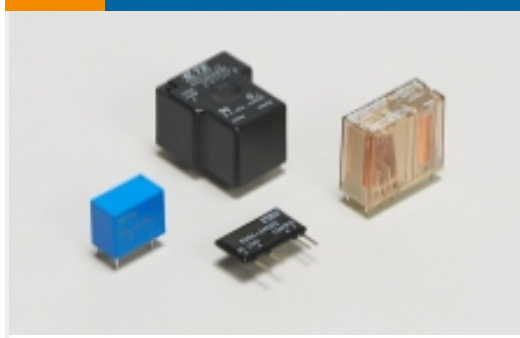
Product Compliance Disclaimer

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



Also in the Series | [SCHRACK SR6 A/B/C/V](#)



Power Relays(78)

Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_9-1415537-8_C.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)