



Relays & Contactors > Electromechanical Relays > Force Guided Relay with 7 contacts



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **5A (NO) + 2B (NC)**

Contact Current Rating: **6 A**

[All Force Guided Relay with 7 contacts \(8\)](#)

Features

Product Type Features

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

Configuration Features

|                         |                   |
|-------------------------|-------------------|
| Contact Number of Poles | 7                 |
| Contact Arrangement     | 5A (NO) + 2B (NC) |

Electrical Characteristics

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Contact Limiting Short-Time Current                     | 25 A                 |
| Contact Limiting Making Current                         | 25 A                 |
| Contact Limiting Continuous Current                     | 6 A                  |
| Contact Limiting Breaking Current                       | 6 A                  |
| Insulation Initial Dielectric Between Open Contacts     | 1000 Vrms            |
| Insulation Initial Dielectric Between Adjacent Contacts | 2500 Vrms, 4000 Vrms |
| Contact Switching Voltage (Max)                         | 400 VAC              |
| Contact Switching Load (Min)                            | 10mA @ 5V            |
| Coil Resistance                                         | 206 Ω                |
| Contact Current Rating                                  | 6 A                  |
| Coil Voltage Rating                                     | 12 VDC               |



|                                                       |                      |
|-------------------------------------------------------|----------------------|
| Contact Voltage Rating                                | 250 VAC              |
| Coil Power Rating DC                                  | .7 W                 |
| Insulation Initial Dielectric Between Contacts & Coil | 2500 Vrms, 4000 Vrms |

Body Features

|                |                                         |
|----------------|-----------------------------------------|
| Product Weight | 33 g[1.164 oz]                          |
| Enclosure Type | Flux Resistant Automatic Solder Capable |

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                             |                             |
|---------------------------------------------|-----------------------------|
| Insulation Clearance Between Contact & Coil | 5.5 mm[.217 in]             |
| Insulation Creepage Between Contact & Coil  | 3 mm, 4 mm, 5.5 mm[.217 in] |
| Product Width                               | 33.8 mm[1.33 in]            |
| Product Length                              | 54.45 mm[2.14 in]           |
| Product Height                              | 10.8 mm[.425 in]            |

Usage Conditions

|                                         |                           |
|-----------------------------------------|---------------------------|
| Operating Temperature Range             | -40 – 85 °C[-40 – 185 °F] |
| Environmental Category of Protection    | RTII                      |
| Environmental Ambient Temperature (Max) | 85 °C[185 °F]             |

Operation/Application

|                      |            |
|----------------------|------------|
| Current Type         | DC         |
| Coil Magnetic System | Monostable |

Product Availability

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

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Box & Tray |
|------------------|------------|

Other

|  |  |
|--|--|
|  |  |
|--|--|



|                                         |            |
|-----------------------------------------|------------|
| Coil Power Rating Class                 | .6 – .8 W  |
| Contact Current Class                   | 5 – 10 A   |
| Environmental Ambient Temperature Class | 70 – 85 °C |
| Height Class (Mechanical)               | 10 – 11 mm |
| Length Class (Mechanical)               | 50 – 60 mm |
| Width Class (Mechanical)                | 30 – 40 mm |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                     | Not reviewed 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>

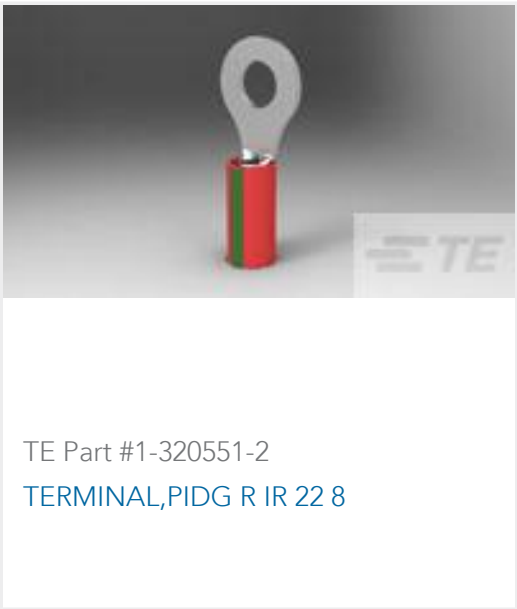
Compatible Parts



Also in the Series | SCHRACK SRL7



Customers Also Bought



Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_2045880-4\_B.2d\_dxf.zip
- English



Customer View Model

[ENG\\_CVM\\_CVM\\_2045880-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2045880-4\\_B.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Force Guided Relay SRL7 flyer](#)

English

Definitions General Purpose Relays

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[Force Guided Relay SRL7](#)

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Product Specifications

[Definitions General Purpose Relays](#)

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Agency Approvals

[VDE Certificate](#)

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