



Relays & Contactors > Electromechanical Relays > Force Guided Relay with 2 contacts



Relay & Contactor Type: **Force-Guided Relay**  
Coil Magnetic System: **Monostable**  
Contact Arrangement: **2 Form C DPDT-CO**  
Current Type: **DC**  
Contact Current Rating: **6 A**

[All Force Guided Relay with 2 contacts \(21\)](#)

Features

Product Type Features

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

Configuration Features

|                         |                  |
|-------------------------|------------------|
| Contact Number of Poles | 2                |
| Contact Arrangement     | 2 Form C DPDT-CO |

Electrical Characteristics

|                                                         |           |
|---------------------------------------------------------|-----------|
| Contact Limiting Short-Time Current                     | 6 A       |
| Contact Limiting Making Current                         | 6 A       |
| Contact Limiting Continuous Current                     | 6 A       |
| Contact Limiting Breaking Current                       | 6 A       |
| 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)                            | 10mA @ 5V |
| Coil Resistance                                         | 1851 Ω    |
| Contact Current Rating                                  | 6 A       |
| Coil Voltage Rating                                     | 36 VDC    |
| Contact Voltage Rating                                  | 250 VAC   |



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

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

Body Features

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

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

Contact Features

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

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 | 8 mm[.315 in] |
|---------------------------------------------|---------------|

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

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

|                |                 |
|----------------|-----------------|
| Product Length | 29 mm[1.141 in] |
|----------------|-----------------|

|                |               |
|----------------|---------------|
| Product Height | 25.5 mm[1 in] |
|----------------|---------------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
|-----------------------------|---------------------------|

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

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

Operation/Application

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

|              |    |
|--------------|----|
| Current Type | DC |
|--------------|----|

Product Availability

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

Packaging Features

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

Other

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



|                           |                                 |
|---------------------------|---------------------------------|
| Coil Power Rating Class   | >.6 – ≤1 W                      |
| Contact Current Class     | >5 – ≤10 A                      |
| Height Class (Mechanical) | >22 – ≤27 mm[>.866 – ≤1.063 in] |
| Length Class (Mechanical) | >22 – ≤33 mm[>.866 – ≤1.299 in] |
| Width Class (Mechanical)  | >11 – ≤14 mm[>.433 – ≤.551 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 | No Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in 10539788067)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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>

Also in the Series | SCHRACK SR2

A collection of various DC relays, including a large silver one and several smaller ones in different colors and sizes.

DC Relays(21)

A collection of various electromechanical relays, including a large black one and several smaller ones in different colors and sizes.

Electromechanical Relays(21)

A collection of various force-guided relays, including a large black one and several smaller ones in different colors and sizes.

Force Guided Relays(21)

A collection of various plug-in relays, including a large black one and several smaller ones in different colors and sizes.

Plug-In Relays(4)

Customers Also Bought

A black rectangular component with many pins on one side.

TE Part #234200-E  
SMCB 68 F AB VV 7-23 CL \* H007 137 E002

A black rectangular component with many pins on one side.

TE Part #154808-E  
SMCB 68 F AB VV 7-13 CL \* H007 137 E002

A black rectangular component with many pins on one side.

TE Part #254587-E  
SMCQ 16 M AB VV 8-13 CL \* H007 137 E005

A black rectangular component with many pins on one side.

TE Part #350712-1  
09P UMNL PIN HDR ASSY 94VO

A black rectangular component with many pins on one side.

TE Part #640445-7  
07P MTA156 HDR ASSY FL/STR SN

A black rectangular component with many pins on one side.

TE Part #1-640445-0  
10P MTA156 HDR ASSY FL/STR SN

A black rectangular component with many pins on one side.

TE Part #1-640456-2  
12P MTA100 HDR ASSY F/L SQ STR

A black rectangular component with many pins on one side.

TE Part #643067-6  
06P MTA156 MOLDED COVER

A black rectangular component with many pins on one side.

TE Part #3-1415543-3  
SR6V6K18

A black rectangular component with many pins on one side.

TE Part #6-1415546-5  
RP424024

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2-1393258-0\_C1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1393258-0\_C1.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

ENG\_CVM\_CVM\_2-1393258-0\_C1.3d\_igs.zip

English

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Datasheets & Catalog Pages

SR2M

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English