



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



Relay Type: **Force-Guided**
Coil Magnetic System: **Monostable**
Coil Power Rating DC: **700 mW**
Coil Resistance: **17285 Ω**
Coil Voltage Rating: **110 VDC**

[All Force Guided Relay with 2 contacts \(33\)](#)

Features

Product Type Features

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

Configuration Features

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|-------------------------|---------------|
| Contact Arrangement | 2 Form C (CO) |
| Contact Number of Poles | 2 |

Electrical Characteristics

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|---|-----------|
| Insulation Initial Dielectric Between Open Contacts | 1500 Vrms |
| Contact Limiting Making Current | 6 A |
| Contact Limiting Short-Time Current | 6 A |
| Contact Limiting Continuous Current | 6 A |
| Insulation Initial Dielectric Between Adjacent Contacts | 3000 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
| Contact Limiting Breaking Current | 6 A |
| Coil Power Rating DC | 700 mW |
| Coil Resistance | 17285 Ω |
| Coil Voltage Rating | 110 VDC |
| Contact Current Rating | 6 A |
| Contact Switching Load (Min) | 10mA @ 5V |



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|--|-----------------------|
| Contact Switching Voltage (Max) | 400 VAC |
| Contact Voltage Rating | 250 VAC |
| Body Features | |
| Product Weight | 20 g[.706 oz] |
| Contact Features | |
| Contact Material | AgNi |
| Termination Features | |
| Relay Connection Type | PCB Termination |
| Terminal Configuration | Solder Pins |
| Mechanical Attachment | |
| Product Mount Type | Printed Circuit Board |
| 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[1.14 in] |
| Product Height | 25.5 mm[1 in] |
| Usage Conditions | |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operation/Application | |
| Actuating System | DC |
| Coil Magnetic System | Monostable |
| Packaging Features | |
| Packaging Method | Box & Tube, Tube |
| Other | |
| Length Class (Mechanical) | 25 - 30 mm |
| Insulation Initial Dielectric Between Coil & Contact Class | 3500 - 4000 V |
| Environmental Ambient Temperature Class | -25 - 70 °C |
| Insulation Creepage Class | 5.5 - 8 mm |
| Insulation Clearance Class | 5 - 8 mm |
| Height Class (Mechanical) | 25 - 30 mm |
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|--------------------------|--------------|
| Coil Power Rating Class | 600 - 800 mW |
| Width Class (Mechanical) | 12 - 16 mm |
| Contact Current Class | 5 - 10 A |

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (2% in Component Part) Article Safe Usage Statements: 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>

Compatible Parts



TE Part # 8-1415543-0
V23047-P1110-A501

Also in the Series | SCHRACK SR2

Power Relays(33)

Customers Also Bought

TE Part # 5499910-2
A/L UNIV HDR 14P VERT SHT LAT

TE Part # 5748979-1
AMP III RCPT 9P RA 318 FFSCRLK /BDLK

TE Part # 6-1415054-1
SR4M4110

TE Part # 1419135-3
OJ-SS-112HM,000

TE Part # 7-1393117-8
KUP-14A15-120=KU-

TE Part # 1658622-8
34 NOVO MIL/CTR 30DP,LEAD FREE

TE Part # 6-103168-1
26 MODII HDR DRST SHRD .100CL

TE Part # 5-794632-0
20P MICRO MNL ASSY,VRT,HDR,LF

TE Part # 1-1587987-7
RECEPTACLE ASSEMBLY, Shunt, MSD



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1415012-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1415012-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1415012-1_F.3d_stp.zip

English

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Datasheets & Catalog Pages

SR2M

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English