



Relays, Contactors & Switches > Relays > Power Relays > Force Guided Power Relay, 2 Poles



Power Relay Type: **Force-Guided**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **600 – 800 mW**
Coil Power Rating DC: **706 mW**
Coil Resistance: **51 Ω**

[All Force Guided Power Relay, 2 Poles \(30\)](#)

Features

Product Type Features

Power Relay Type	Force-Guided
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
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 Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	600 – 800 mW
Coil Power Rating DC	706 mW
Coil Resistance	51 Ω
Coil Voltage Rating	6 VDC



Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	20 g[.706 oz]
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Contact Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	1 Form A (NO) + 1 Form B (NC)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi
Contact Number of Poles	2
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.142 in]
Product Height	25.5 mm[1.004 in]

Usage Conditions

Environmental Ambient Temperature Class	-25 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Packaging Features

Packaging Method	Box & Tube, Tube
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Other

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: JAN 2021 (211) 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 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 SR2M



Power Relays(33)

Customers Also Bought



TE Part #T4132012081-000
M12 Panel Mount Solder Cups



TE Part #1623292-1
CRG0805 1% 8K2



TE Part #1623174-1
CRG0805 1% 2K2



TE Part #1393219-6
PE014012



TE Part #1977739-2
MPS103F PSHBTTN SPDT MMNTRY



TE Part #1393258-5
V23047-A1012-A511



TE Part #1623497-1
CRG1206 1% 390R



TE Part #2-1658462-3
MSB0.80RC-ASY120FL,-,30,-TY



TE Part #1-1969589-3
HSG, REC,FREE-HANG,GWT, SINGLE ROW,EP2.5



TE Part #1-1971921-3
2/3P,RAST 2.5 Tab Header,Ex- Locking, THV

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1415011-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1415011-1_C.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_6-1415011-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Safety Relay SR2M](#)

English

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

Agency Approvals

[VDE Certificate](#)

English