



Relays & Contactors > Relays > Power Relays > Force Guided Relay, DIN-rail



Relay Type: **Force-Guided**
Coil Magnetic System: **Monostable**
Coil Power Rating DC: **1200 mW**
Coil Resistance: **480 Ω**
Coil Special Features: **Coil Suppression Diode**

[All Force Guided Relay, DIN-rail \(20\)](#)

Features

Product Type Features

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

Configuration Features

Contact Special Features	Force Guided Contacts
Coil Special Features	Coil Suppression Diode
Contact Arrangement	4 Form A (NO) + 2 Form B (NC)
Contact Number of Poles	6

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Adjacent Contacts	2000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	3000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	1200 mW
Coil Resistance	480 Ω
Coil Voltage Rating	24 VDC



Contact Current Rating	8 A
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	250 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	90 g[3.175 oz]
----------------	----------------

Contact Features

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

Termination Features

Relay Connection Type	Connector
-----------------------	-----------

Mechanical Attachment

Product Mount Type	DIN Rail
--------------------	----------

Dimensions

Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Product Width	46 mm[1.81 in]
Product Length	58 mm[2.28 in]
Product Height	66.5 mm[2.61 in]

Usage Conditions

Environmental Ambient Temperature (Max)	50 °C[122 °F]
---	---------------

Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Carton
------------------	--------------

Other

Length Class (Mechanical)	60 mm
Insulation Initial Dielectric Between Coil & Contact Class	2500 - 3000 V
Environmental Ambient Temperature Class	-25 - 50 °C
Insulation Creepage Class	3 - 5.5 mm
Insulation Clearance Class	5 - 8 mm



Height Class (Mechanical)	50 mm
Coil Power Rating Class	1000 - 1500 mW
Width Class (Mechanical)	40 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 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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

TE Part # CAT-SCH691-SR1D
Force Guided Relay, DIN-rail



Also in the Series | **SCHRACK SR6**

Power Relays(151)

Customers Also Bought

TE Part # 1415015-1
SR6A4024 - V23050-A1024-A533

TE Part # T4043014031-000
M8.FMLE.PNLFRONT.3POS.STRPCB

TE Part # 3-1761606-3
IDC LOW PRO HDR 40P VERT LG LA

TE Part # 4-1393483-7
V42254A1115C209=SUB D STIFTLEI

TE Part # 2007194-2
SFP+ 1x1 Cage Assembly, PCI, Solder Tail

TE Part # 171826-3
3P POST HEADER ASSY EI

TE Part # 6-1625892-6
3W SM M/OX 5% 68K

TE Part # ZPF000000000106312
787-0015-00

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1415033-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1415033-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1415033-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages



Safety Relay Module SR6Z

English

Product Specifications

Definitions General Purpose Relays

English