



Relays, Contactors & Switches > Relays > Power Relays > Forced Guided Relay, Reinforced Insulate



Power Relay Type: **Force-Guided**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **1000 – 1500 mW**

Coil Power Rating DC: **1200 mW**

Coil Resistance: **480 Ω**

[All Forced Guided Relay, Reinforced Insulate \(78\)](#)

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	8 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	5.5 mm[.217 in]
Contact Limiting Breaking Current	8 A
Coil Current	.05 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 1500 mW
Coil Power Rating DC	1200 mW



Coil Resistance	480 Ω
Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	10mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	90 g[1.058 oz]
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Contact Features

Contact Special Features	Force Guided Contacts
Contact Arrangement	5 Form A (NO) + 1 Form B (NC)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	8 A
Contact Material	AgSnO2
Contact Number of Poles	6
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	50 – 60 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	16 – 20 mm
Insulation Clearance Between Contact & Coil	5.5 mm[.217 in]
Width Class (Mechanical)	16 – 20 mm
Product Width	16.51 mm[.65 in]
Product Length	55 mm[2.167 in]
Product Height	16.5 mm[.65 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

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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

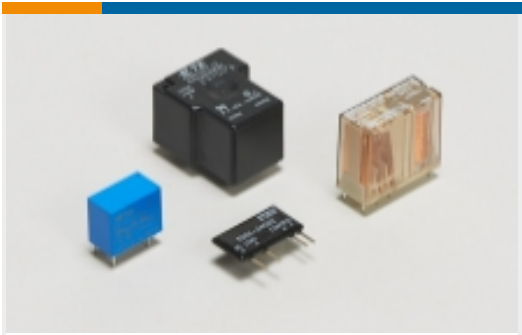
Product Compliance Disclaimer

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 SR6 A/B/C/V](#)



Power Relays(78)

Customers Also Bought



TE Part #1415015-1
Forced Guided Relay, Reinforced Insulate



TE Part #2-1879234-3
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #1-1393779-8
V23101D 7A201



TE Part #2-1761605-3
IDC LOW PRO HDR 10P RA BLUE



TE Part #173081-4
4P EIS POST HDR ASSY



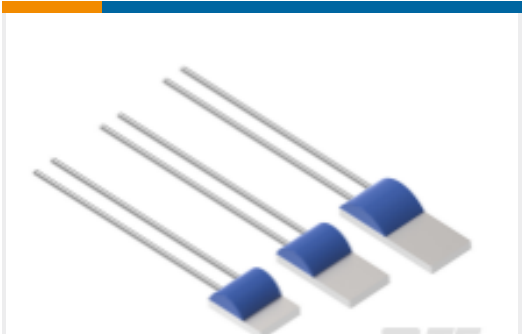
TE Part #1676142-1
RN 0805 100K 0.1% 10PPM CUT LENGTH



TE Part #2-1625875-2
CBT 1/4 5% 2K2



TE Part #2-1761609-9
IDC LOW PRO HDR 26P RA SHT LAT



TE Part #NB-PTCO-168
RTD Platinum Thin Film Element



TE Part #1903146-2
DYNAMIC D-5 DYNATAP 12P ASSY P /M BOTTOM

Documents

CAD Files

3D PDF

3D

3D PDF

3D

Customer View Model

ENG_CVM_1415017-1_SHK1.3d_igs.zip

English



Customer View Model

[ENG_CVM_1415017-1_SHK1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1415017-1_SHK1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1415017-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1415017-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1415017-1_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SR6_A_B_C_V](#)

English

Industrial Relays Quick Reference Guide

English

Datasheet - Force Guided Relays Schrack

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

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

English

Agency Approvals

[VDE Certificate](#)

English