



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Force-Guided**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **600 – 800 mW**
Coil Power Rating DC: **700 mW**
Coil Resistance: **823 Ω**

Features

Product Type Features

Power Relay Type	Force-Guided
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	2500 – 3000 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 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	700 mW
Coil Resistance	823 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	20 g[.705 oz]
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Contact Features

Contact Special Features	Single Button, Forcibly Guided
Contact Arrangement	2 Form C (CO)
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 in]

Usage Conditions

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

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

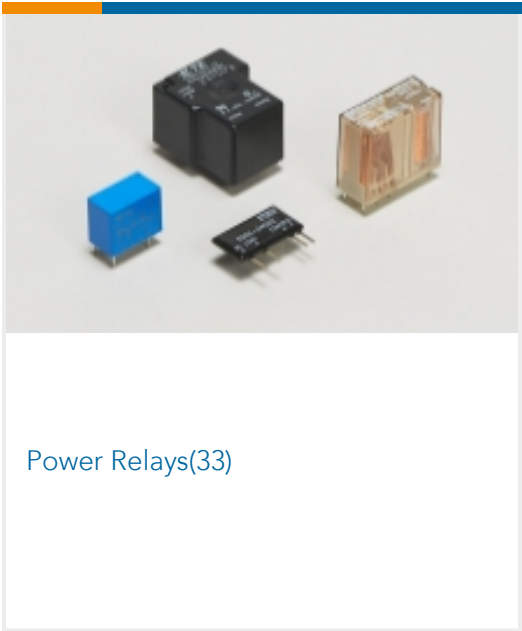
For compliance documentation, visit the product page on TE.com>

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 2020 (205) Candidate List Declared Against: JAN 2017 (173) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2017 (173)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | [SCHRACK Force Guided Relay SR2M](#)



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393258-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393258-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393258-5_C.3d_stp.zip

English

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Datasheets & Catalog Pages

Safety Relay SR2M

English



Industrial Relays Quick Reference Guide

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Product Specifications

Definitions Relays

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Product Environmental Compliance

TE Material Declaration

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Agency Approvals

VDE Certificate

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