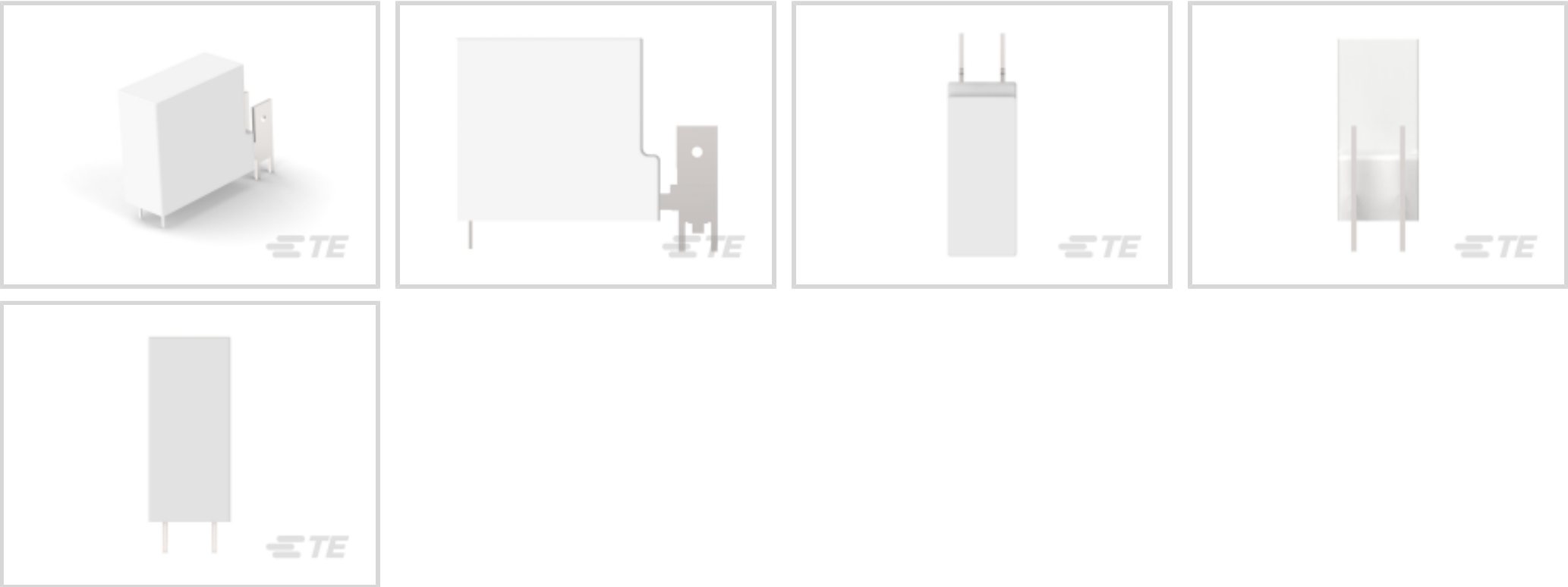




Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**
Coil Magnetic System: **Monostable**
Coil Power Rating DC: **.36 W**
Coil Resistance: **1600 Ω**
Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Contact Special Features	3mm Contact Gap, Bridging Contacts
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form X SPST-NO-DM
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	2000 Vrms
Contact Limiting Making Current	20 A
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	16 A
Coil Power Rating DC	.36 W
Coil Resistance	1600 Ω



Coil Voltage Rating	24 VDC
Contact Current Rating	16 A
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	24 g[.847 oz]
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Contact Features

Contact Material	AgNi
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Termination Features

Relay Connection Type	Terminals
Terminal Configuration	Quick Connect Terminals

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.5 mm[.492 in]
Product Length	40.5 mm[1.59 in]
Product Height	28.5 mm[1.12 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Tray
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Other

Length Class (Mechanical)	40 – 50 mm
Environmental Ambient Temperature Class	-20 – 85 °C
Height Class (Mechanical)	25 – 30 mm



Coil Power Rating Class	.3 – .4 W
Width Class (Mechanical)	12 – 16 mm
Contact Current Class	16 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: JUNE 2024 (241) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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

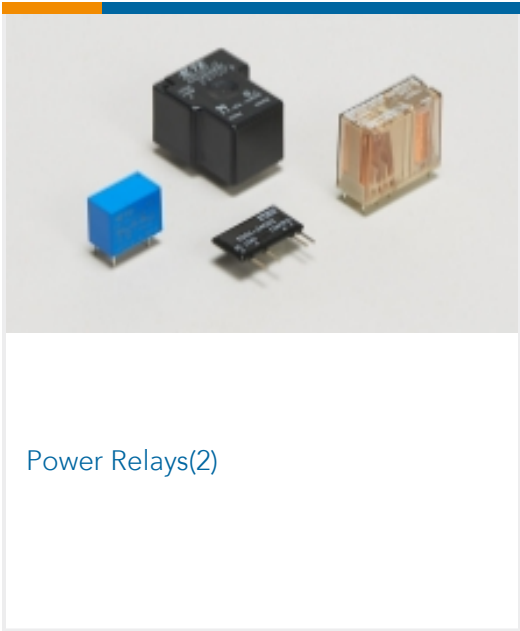
TE Part # 8-1415536-7
0410 83 050 001WG

TE Part # 6-1415536-4
0410 63 042 005WG

TE Part # 6-1415536-7
0410 63 046 005WG

TE Part # 9-1415535-3
0410 63 050 005WG

Also in the Series | SCHRACK 41083



Customers Also Bought



Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_8-1415536-6_B.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_8-1415536-6_B.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_8-1415536-6_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Power Relay 41083 3mm

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English