

5-1415546-9 ✓ ACTIVE

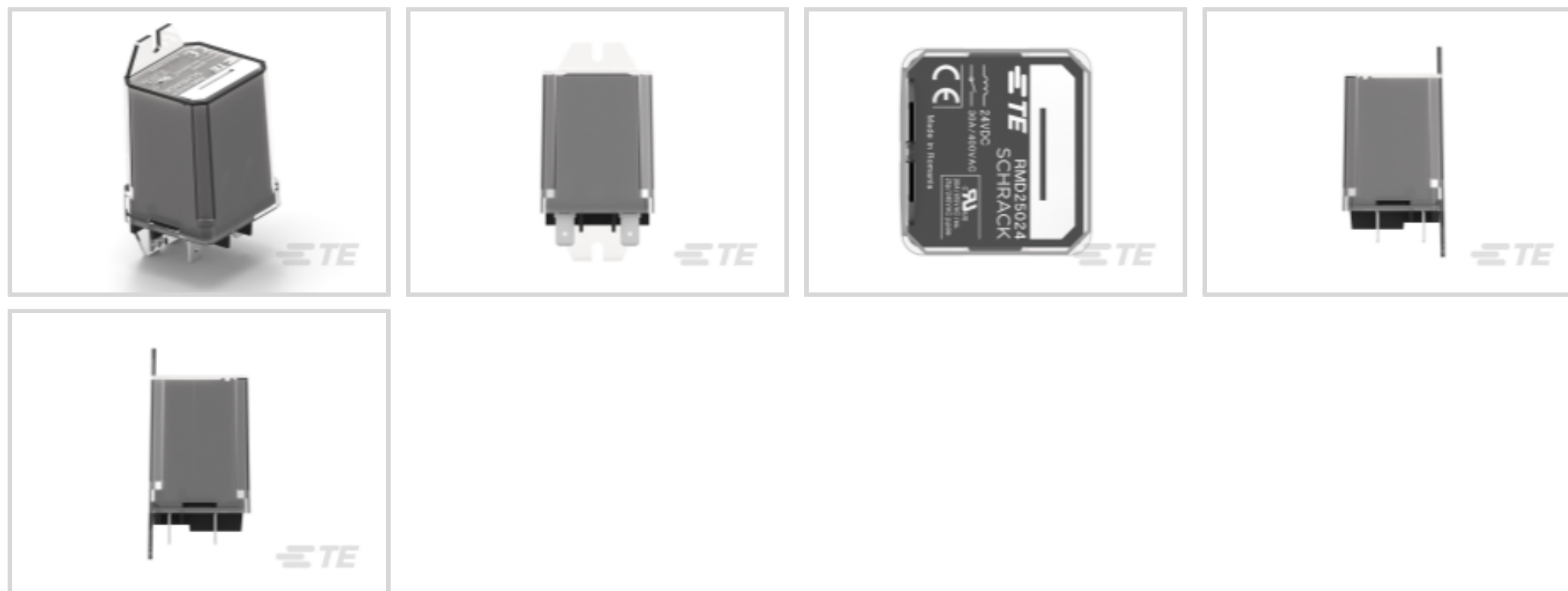
TE Internal #: 5-1415546-9

Power Relays, Industrial Panel Plug-In, Monostable, DC, 1000 – 1500mW Coil Power Rating Class, 1200mW Coil Power Rating DC, 475Ω Coil Resistance

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

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

Coil Power Rating DC: **1200 mW**

Coil Resistance: **475 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V, 2500 – 3000 V
Insulation Initial Dielectric Between Open Contacts	2000 Vrms
Insulation Creepage Class	10 – 20 mm
Contact Limiting Continuous Current	32 A
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Insulation Creepage Between Contact & Coil	14.9 mm[.587 in]
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 1500 mW
Coil Power Rating DC	1200 mW
Coil Resistance	475 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	100mA @ 24V



Contact Switching Voltage (Max)	440 VAC
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Contact Voltage Rating	400 VAC
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Body Features

Insulation Special Features	6000V Initial Surge Withstand Voltage between Contacts & Coil
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Product Weight	81 g[2.857 oz]
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Contact Features

Contact Special Features	Bridging Contacts
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Contact Arrangement	1 Form X (NO, Bridging)
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Contact Current Class	20 – 30 A, 30 – 50 A
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Contact Current Rating (Max)	32 A
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Contact Material	AgNi90/10
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Contact Number of Poles	1
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Terminal Type	Plug-In, Quick Connect
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Mechanical Attachment

Relay Mounting Type	Flange Mount, Quick Connect
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Dimensions

Length Class (Mechanical)	30 – 40 mm, 35 – 40 mm
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Insulation Clearance Class	2.5 – 4 mm
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Height Class (Mechanical)	70 – 80 mm
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Insulation Clearance Between Contact & Coil	4 mm[.157 in]
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Width Class (Mechanical)	30 – 40 mm
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Product Width	38.5 mm[1.516 in]
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Product Length	35.5 mm[1.398 in]
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Product Height	73.5 mm[2.894 in]
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Usage Conditions

Environmental Ambient Temperature (Max)	60 °C[140 °F]
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Operating Temperature Range	-40 – 60 °C[-40 – 140 °F]
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Packaging Features

Packaging Method	Box, Carton
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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 Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1415546-9_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1415546-9_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1415546-9_A.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 RMC/D

English

Industrial Relays Quick Reference Guide

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