



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **400 – 500 mW**
Coil Power Rating DC: **417 mW**
Coil Resistance: **5520 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	30 A
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	400 – 500 mW
Coil Power Rating DC	417 mW
Coil Resistance	5520 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	48 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC



Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	14 g[.494 oz]

Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	AgNi90/10
Contact Number of Poles	1
Terminal Type	PCB-THT, Plug-In

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

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

Packaging Features

Packaging Method	Carton, Tube
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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: JUN 2020 (209)
Candidate List Declared Against: JAN 2020 (205)
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

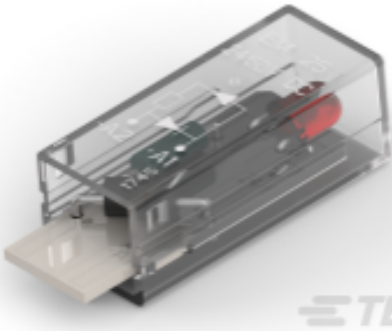
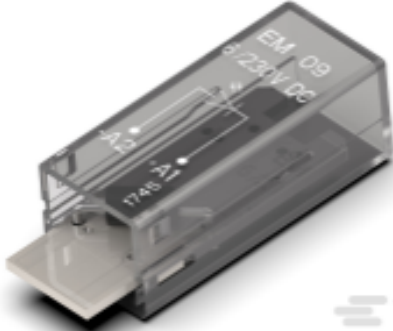
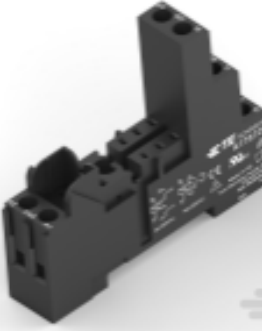
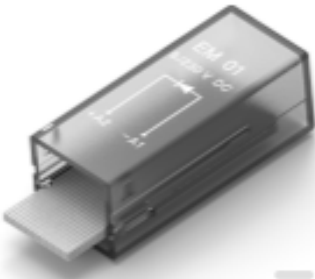
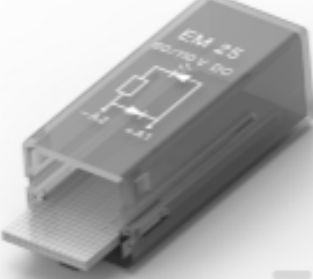
Solder Process Capability

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 Model / Part # 5-1415539-3 PTML0060	 TE Model / Part # 9-1415036-1 PTMT00A0	 TE Model / Part # 1860200-1 RT7872P	 TE Model / Part # 1860306-1 RT78725
 TE Model / Part # 6-1415035-1 RT78726	 TE Model / Part # 2022103-1 RT17017	 TE Model / Part # 1415037-1 PTMT00L0	 TE Model / Part # 7-1415539-7 PTMG0060



TE Model / Part # 1860991-1
RT78602, RELAY SOCKET PCB 5MM

TE Model / Part # 1-1415539-3
PTML0560

TE Model / Part # 1-1415539-5
PTMG0560

TE Model / Part # 1415540-8
RT28816

Also in the Series | SCHRACK Power PCB Relay RT1

Power Relays(217)

Customers Also Bought

TE Model / Part #1-1393779-8
V23101D 7A201

TE Model / Part #3-1393779-2
V23101D 106A201

TE Model / Part #7-1393243-0
RT424048

TE Model / Part #7-1625892-2
3W SM M/OX 5% 82K

TE Model / Part #1-1625879-2
FRN50 5% 4R7 (S)

TE Model / Part #3-1393203-1
V23148-A1107-A101

TE Model / Part #6-1393215-6
V23057-B0001-A101

TE Model / Part #1-1393779-6
V23101D 6B201

TE Model / Part #1623788-7
Wirewound Resistor: Vertical Mount



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393240-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1393240-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393240-1_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

Lighting Relays Guide

English

Power PCB Relay RT1

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions Relays

English

Agency Approvals

VDE Certificate

English