



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	15 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	8 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
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Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	13 g[.459 oz]

Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi90/10
Contact Number of Poles	2
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]
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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: 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.

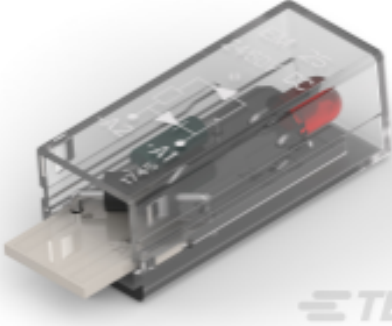
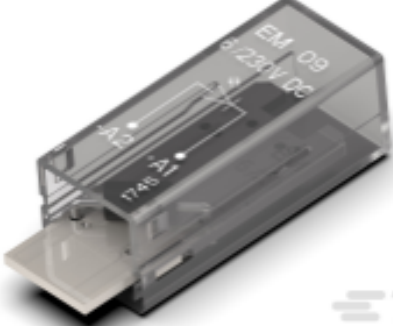
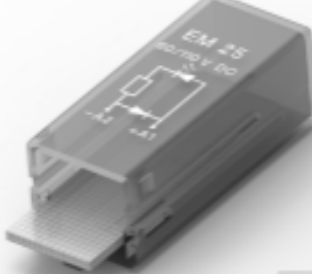
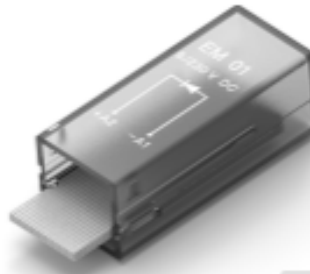
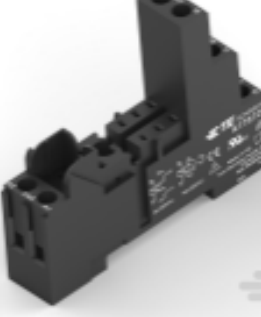
Solder Process Capability

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

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



TE Part # 1-1415539-3
PTML0560

TE Part # 1-1415539-5
PTMG0560

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

TE Part # 1415540-8
RT28816

Also in the Series | SCHRACK Power PCB Relay RT2

Power Relays(117)

Customers Also Bought

TE Part #1-1614782-7
Resistor Power BDS2A100

TE Part #1-1437565-6
FSM1LP=ESD GND SMD TACT SWITCH

TE Part #1623928-4
CFR16 5% 330R

TE Part #9-1419111-4
PT571048

TE Part #1676172-2
RN 0805 12K1 0.1% 10PPM 1KRL

TE Part #1375796-4
PC104 ASY UNKEYED LF

TE Part #1-1393641-1
V42254B2202B320=PC612 FEDERLEI

TE Part #1676368-2
RN 0805 52K3 0.1% 10PPM 1KRL

TE Part #1-1625892-2
3W SM M/OX 5% 12K

TE Part #1649329-7
RTE24048



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393243-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393243-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393243-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

Power PCB Relay RT2

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