



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**
Coil Magnetic System: **Monostable, AC**
Coil Power Rating Class: **[.5 – 1 VA]**
Coil Power Rating AC: **.74 VA**
Coil Resistance: **32500 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, AC
	.5 – 1 VA
Coil Power Rating AC	.74 VA
Coil Resistance	32500 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	230 VAC
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)	70 °C[158 °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 # 7-1415036-1 PTML0730	 TE Part # 1860306-1 RT78725	 TE Part # 1860200-1 RT7872P	 TE Part # 2-1415037-1 PTMU0730
 TE Part # 2022103-1 RT17017	 TE Part # 4-1415037-1 PTMV0730	 TE Part # 4-1415036-1 PTMG0730	 TE Part # 6-1415035-1 RT78726
 TE Part # 1-1415539-2 PTMR0730	 TE Part # 1415037-2 PTMD0730 (EM31)	 TE Part # 1860991-1 RT78602, RELAY SOCKET PCB 5MM	 TE Part # 1415540-8 RT28816



Also in the Series

SCHRACK Power PCB Relay RT1

Power Relays(220)

Customers Also Bought

TE Part #1-2176070-7
SMD Power Resistor: 2 Watt, 3521 Series

TE Part #8-1415035-1
RT78724

TE Part #1-770974-0
16P MINI UMNL R/A HDR ASSY SN

TE Part #147873-2
SWITCH,TACT,SMT,J-LEAD,4.3MM

TE Part #1622396-1
LR1 1% 240R

TE Part #1-2176088-7
RP 1J 0.166W 1K1 0.1% 25PPM 1K RL

TE Part #1623212-1
CRG0805 1% 3K0

TE Part #1-215079-8
FEMALE-ON-BOARD CONNECTOR TOP ENTRY

TE Part #1-829576-2
2X12P HV100 REC.CON.B/TE,6.2,TIN, NO KINK

TE Part #1623437-1
CRG1206 1% 18K

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_7-1393238-7_D.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_7-1393238-7_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393238-7_D.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 RT1

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