



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	25 A
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	12 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm [.394 in]
Contact Limiting Breaking Current	12 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
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Product Weight	14 g[.494 oz]
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### Contact Features

Contact Arrangement	1 Form C (CO)
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Contact Current Class	10 – 20 A, 16 A
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Contact Current Rating (Max)	12 A
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Contact Material	AgNi90/10
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Contact Number of Poles	1
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Terminal Type	PCB-THT, Plug-In
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### Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Socket
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### Dimensions

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

Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Environmental Category of Protection	RTII
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201)
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Candidate List Declared Against: JUL 2019 (201)  
Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006  
Current ECHA Candidate List: JUL 2019 (201)  
Candidate List Declared Against: JUL 2019 (201)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Model / Part # 7-1415036-1  
[PTML0730](#)



TE Model / Part # 8-1415035-1  
[RT78724](#)



TE Model / Part # 2-1415037-1  
[PTMU0730](#)



TE Model / Part # 2022103-1  
[RT17017](#)



TE Model / Part # 4-1415036-1  
[PTMG0730](#)



TE Model / Part # 1-1415539-2  
[PTMR0730](#)



TE Model / Part # 1415037-2  
[PTMD0730 \(EM31\)](#)



TE Model / Part # 4-1415037-1  
[PTMV0730](#)

## Also in the Series | [SCHRACK Power PCB Relay RT1](#)



Power Relays(218)

### Customers Also Bought



TE Model / Part #6-1415034-1  
PT78720



TE Model / Part #6-1415035-1  
RT78726



TE Model / Part #8-1415035-1  
RT78724



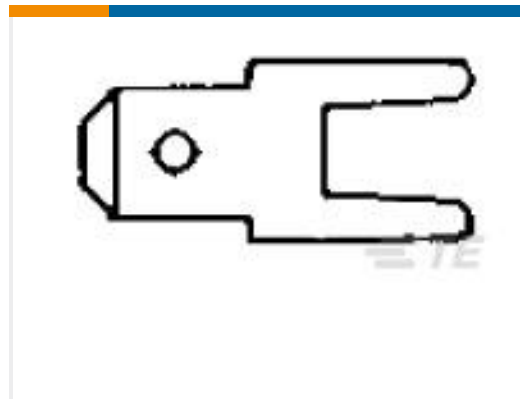
TE Model / Part #7-1393243-9  
RT424730



TE Model / Part #1419108-1  
RT114012



TE Model / Part #1-1393239-3  
RT114024



TE Model / Part #1-726388-2  
FASTON 187 TAB .032  
TPBR



TE Model / Part #1734346-1  
STD USB TYPE B, R/A, SMT



TE Model / Part #1393277-4  
V23076A1001C133

### Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1393239-9\\_D.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1393239-9\\_D.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1393239-9\\_D.3d\\_stp.zip](#)

English

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**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**

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**Product Specifications**

**Definitions Relays**

English

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**Agency Approvals**

**VDE Certificate**

English