



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 |
|------------------|----------|

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, 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              | 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 |
|---------------------|-------------------------------|

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] |
| Environmental Category of Protection    | RTIII         |

Packaging Features

|                  |              |
|------------------|--------------|
| Packaging Method | Carton, Tube |
|------------------|--------------|

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        |                                         |



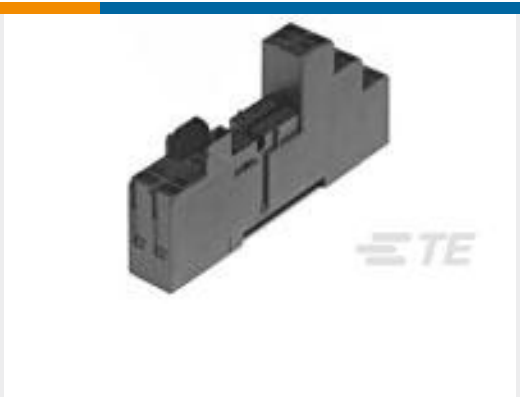
Current ECHA Candidate List: JAN 2019  
(197)  
Candidate List Declared Against: JAN 2019  
(197)

|                           |                                                |
|---------------------------|------------------------------------------------|
| 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 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

|                                                                                                                            |                                                                                                                                     |                                                                                                                                 |                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2022103-1<br/>RT17017</p> |  <p>TE Part # 1415037-2<br/>PTMD0730 (EM31)</p> |  <p>TE Part # 1860200-1<br/>RT7872P</p>    |  <p>TE Part # 6-1415035-1<br/>RT78726</p>  |
|  <p>TE Part # 1860306-1<br/>RT78725</p> |  <p>TE Part # 4-1415036-1<br/>PTMG0730</p>      |  <p>TE Part # 1-1415539-2<br/>PTMR0730</p> |  <p>TE Part # 7-1415036-1<br/>PTML0730</p> |



TE Part # 2-1415037-1  
PTMU0730

TE Part # 4-1415037-1  
PTMV0730

Also in the Series | **SCHRACK Power PCB Relay RT2**

Power Relays(118)

Customers Also Bought

TE Part #2-1571552-6  
820-AG11D-ESL-LF=800  
DIP,GF/SN

TE Part #1-1393779-8  
V23101D 7A201

TE Part #6-1415035-1  
RT78726

TE Part #1860306-1  
RT78725

TE Part #7-1393243-9  
RTE24730

TE Part #1-1393243-0  
RTE24024

TE Part #1393240-7  
RT314730

TE Part #1623760-2  
23E 10KA 6.35X50FL B7  
CAT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1393243-8\_C.2d\_dxf.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393243-8\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393243-8\\_C.3d\\_stp.zip](#)

English

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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](#)

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Product Specifications

[Definitions Relays](#)

English

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Product Environmental Compliance

[TE Material Declaration](#)

English

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Agency Approvals

[VDE Certificate](#)

English