



TE Internal #: 1-1649329-5

Power Relays, Standard, Monostable, DC, 400 – 500mW Coil Power Rating Class, 400mW Coil Power Rating DC, 1440Ω Coil Resistance

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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: **400 mW**

Coil Resistance: **1440 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	400 mW
Coil Resistance	1440 Ω



Coil Special Features	UL Coil Insulation Class F
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Coil Voltage Rating	24 VDC
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Contact Switching Voltage (Max)	400 VAC
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Contact Voltage Rating	250 VAC
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### Body Features

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

Contact Arrangement	2 Form C (CO)
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Contact Current Class	5 – 10 A, 16 A
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Contact Current Rating (Max)	8 A
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Contact Material	AgNi90/10
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Contact Number of Poles	2
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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)	85 °C[185 °F]
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### Packaging Features

Packaging Method	Carton
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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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: 2-methylimidazole (4% in Component)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

#### Product Compliance Disclaimer

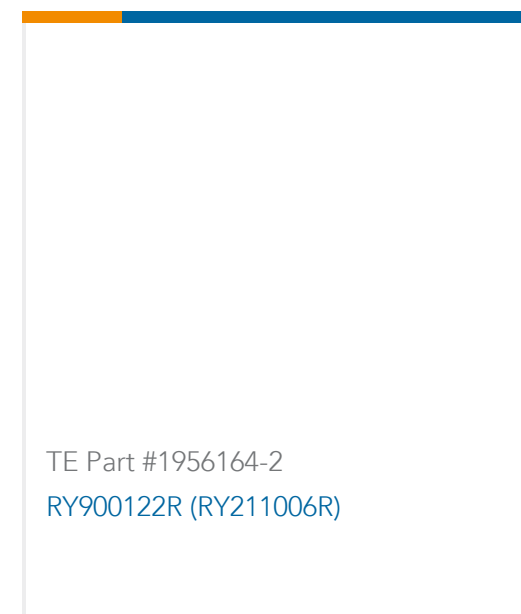
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1649329-5\\_G.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1649329-5\\_G.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1649329-5\\_G.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-AP

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