# R10-E2Y2-115V ACTIVE

#### Potter & Brumfield | Potter & Brumfield R10

TE Internal #: 3-1393767-0

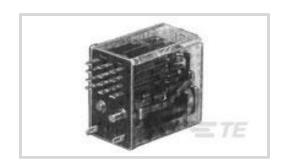
General Purpose Signal Relay, AC, Monostable, 2 Form C DPDT-CO, 3 A Contact Rating, 115 VAC Coil Voltage, Potter & Brumfield

R10

View on TE.com >



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: General Purpose Signal Relay

Current Type: AC

Coil Magnetic System: Monostable

Contact Arrangement: 2 Form C DPDT-CO

Contact Current Rating: 3A

#### **Features**

### **Product Type Features**

Relay & Contactor Type	General Purpose Signal Relay
Configuration Features	
Contact Special Features	Single Contact
Contact Number of Poles	2
Coil Special Features	Sensitive Version
Contact Arrangement	2 Form C DPDT-CO
Electrical Characteristics	
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Contact Switching Load (Min)	100mA @ 12V
Coil Resistance	9000 Ω

1.47 VA

3 A

 $10000~\mathrm{M}\Omega$ 

115 VAC

120 VAC

1000 Vrms

# Body Features

Coil Power Rating AC

Contact Current Rating

Contact Voltage Rating

Insulation Initial Dielectric Between Contacts & Coil

Coil Voltage Rating

Insulation Initial Resistance



Product Weight	40 g[1.41 oz]
Enclosure Type	Dust Protected
Contact Features	
Contact Material	Ag
Termination Features	
Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Dimensions	
Product Width	18.66 mm[.734 in]
Product Length	24.13 mm[.95 in]
Product Height	29.97 mm[1.17 in]
Usage Conditions	
Operating Temperature Range	-55 – 75 °C[-67 – 167 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	75 °C[167 °F]
Operation/Application	
Current Type	AC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Package
Other	
Contact Current Class	16 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	30 – 40 mm
Length Class (Mechanical)	20 – 25 mm
Width Class (Mechanical)	16 – 20 mm

### **Product Compliance**

For compliance documentation, visit the product page on TE.com>



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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (92.5% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### 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



Also in the Series | Potter & Brumfield R10

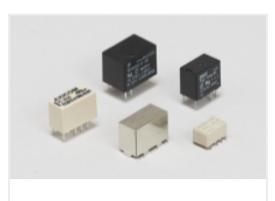




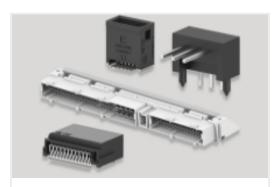




Electromechanical Relays(105)



General Purpose Signal Relays(105)



PCB Headers & Receptacles(1)



Plug-In Relays(77)

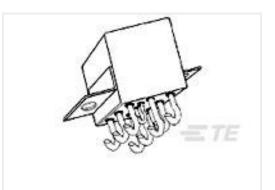


Relay Accessories(27)

### Customers Also Bought



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #5-1617753-9 FCA-325-CX3



TE Part #34119
TERMINAL, SOLIS R 16-14 4



TE Part #2-1617004-8 B07D634BC2-0051 = M5757/23-003







TE Part #9435730001 TMS-SCE-1K-1/8-2.0-S1-9





TE Part #Y94649-10-5PNV0040 HERM RECP

### **Documents**



**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-1393767-0\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1393767-0\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1393767-0\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

### Datasheets & Catalog Pages

R10 General Purpose Dry Circuit to 7.5 Amp Multicontact AC or DC Relay

English

### **Product Specifications**

**Definitions General Purpose Relays** 

English

### **Agency Approvals**

**CSA Certificate** 

English