R10-E2X2-V700 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield R10

TE Internal #: 1-1393767-5

Potter & Brumfield R10, Power Relays, Industrial Panel Plug-In, Monostable, DC, 800 – 1000mW Coil Power Rating Class, 900mW Coil Power Rating DC

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays

Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **800 – 1000 mW**

Coil Power Rating DC: **900 mW**

Coil Resistance: **700 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	500 – 1000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	10000 MΩ
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	800 – 1000 mW
Coil Power Rating DC	900 mW
Coil Resistance	700 Ω
Coil Special Features	Sensitive Version
Coil Voltage Rating	24 VDC

Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	120 VAC

Body Features

Product Weight	40 g[1.41 oz]

Contact Features

Contact Special Features	Single Contact
Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgCdO
Contact Number of Poles	2
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board

Dimensions

Length Class (Mechanical)	20 – 25 mm
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	16 – 20 mm
Product Width	18.7 mm[.736 in]
Product Length	24.1 mm[.949 in]
Product Height	30.2 mm[1.189 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	75 °C[167 °F]
Operating Temperature Range	-55 – 75 °C

Packaging Features

Packaging Method	Package

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
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 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.

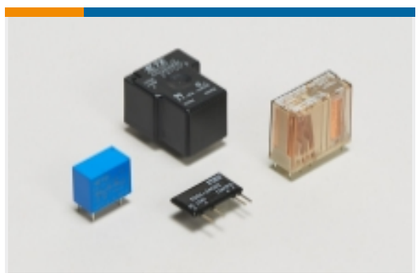
Compatible Parts

TE Part # 2-1393767-9
R10-E2Y2-V700=R10

TE Part # 1393769-4
R10-R2X2-V700=R10

Also in the Series | Potter & Brumfield R10

Board-to-Board Headers & Receptacles(1)



Power Relays(180)

Relay Accessories, Sockets & Clips(34)

Customers Also Bought

TE Part #1-1375820-2
Receptacle Housing: 2.54mm, 1 Row, CST-100 II

TE Part #102387-8
34 MODIV HSG COMP DR .100 POL

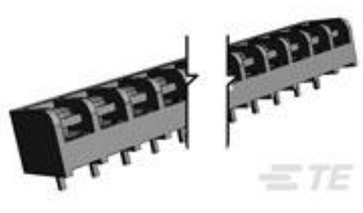
TE Part #1-1393143-1
27E128=SOCKET,R10,10,PC,PHEN

TE Part #1-1393143-2
27E129=SOCKET,R10,16,PC,PHEN

TE Part #1-1393116-1
KUM-11D59-24=KU

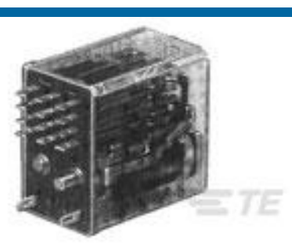
TE Part #1-1393779-3
V23101D 6A201

TE Part #1-826925-0
MOD 2 PINHDR 2X10P.



TE Part #1-1437649-7
4PCV-13-006=4PCV ASSEMBLY

TE Part #AEA139N00000201000
623 RECEPTACLE, SPEEDTEC-READY



TE Part #1-1393767-6
R10-E2X2-115V=R10

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393767-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1393767-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393767-5_A.3d_stp.zip

English

Datasheets & Catalog Pages

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

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