

R10-E1P4-V700=R10 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield R10

TE Part # 7-1393765-5

TE Internal #: R10-E1P4-V700

[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 | 500 Vrms |
| Actuating System | DC |
| Insulation Initial Dielectric Between Open Contacts | 500 Vrms |
| Contact Limiting Making Current | 3 A |
| Contact Limiting Short-Time Current | 3 A |
| Contact Limiting Continuous Current | 3 A |
| Insulation Initial Dielectric Between Adjacent Contacts | 1000 Vrms |
| Insulation Initial Resistance | 10000 M Ω |
| Contact Limiting Breaking Current | 3 A |
| Coil Magnetic System | Monostable, DC |
| Coil Power Rating Class | 800 – 1000 mW |
| Coil Power Rating DC | 900 mW |
| Coil Resistance | 700 Ω |
| Coil Voltage Rating | 24 VDC |
| Contact Switching Load (Min) | 0mA @ 0V |
| Contact Voltage Rating | 120 VAC |

Body Features

| | |
|----------------|---------------|
| Product Weight | 40 g[1.41 oz] |
|----------------|---------------|

Contact Features

| | |
|------------------------------|--------------------------|
| Contact Plating Material | Gold |
| Contact Special Features | Bifurcated/Twin Contacts |
| Contact Arrangement | 4 Form C (CO) |
| Contact Current Class | 2 – 5 A, 16 A |
| Contact Current Rating (Max) | 3 A |
| Contact Material | Ag |
| Contact Number of Poles | 4 |
| Terminal Type | Plug-In, Solder |

Mechanical Attachment

| | |
|---------------------|--------|
| Relay Mounting Type | Socket |
|---------------------|--------|

Dimensions

| | |
|---------------------------|-------------------|
| Length Class (Mechanical) | 25 – 30 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] |
| Environmental Category of Protection | RTI |
| 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 | Compliant with Exemptions |
| 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 2019
 (197)

Candidate List Declared Against: JUN 2013
 (144)

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 # 4-1393143-8
 27E629=SOCKETS



TE Part # 2-1393143-2
 27E194=SOCKET,R10,16,
 PC,PHEN



TE Part # 4-1393143-2
 27E447=SOCKETS



TE Part # 1393143-9
 27E126=SOCKET,R10,16,
 SLG,PHE



TE Part # 1-1393143-5
 27E152=SOCKET,R10,
 ASSY,W/BRK



TE Part # 5-1393143-1
 27E637=SOCKETS



TE Part # 2-1393143-5
 27E213=SOCKET,R10,16,
 PC,PHEN



TE Part # 4-1393143-4
 27E461=SOCKETS

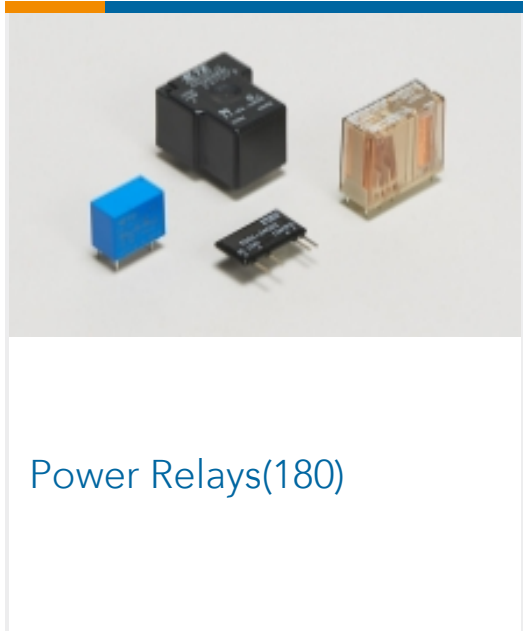


TE Part # 1-1393143-2
27E129=SOCKET,R10,16,
PC,PHEN

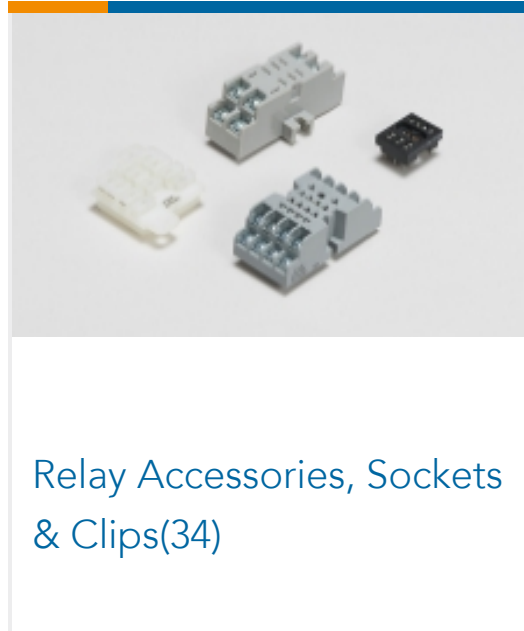


TE Part # 1393767-4
R10-E2P4-V700=R10

Also in the Series | Potter & Brumfield R10



Power Relays(180)



Relay Accessories, Sockets
& Clips(34)

Customers Also Bought



TE Part #3-1393159-6
20C250=SPRING,HOLD-
DOWN,R10,.0



TE Part #6-1393765-9
R10-E1P2-V700=R10



TE Part #4-1393143-4
27E461=SOCKETS



TE Part #1437536-2
516-AG10D=SOCKET
ASSY



TE Part #1437536-3
516-AG10D-ES=SOCKET
ASSY.



TE Part #2-1437504-9
8080-1G1=TRANSISTOR
SOCKET ASS



TE Part #7-1393765-7
R10-E1P6-V430=R10



TE Part #201360-2
14 UNASSM KIT,M SERIES



TE Part #7-1393765-0
R10-E1P2-115V=R10



TE Part #1-1393143-5
27E152=SOCKET,R10,
ASSY,W/BRK



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-1393765-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393765-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393765-5_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 Relays](#)

English