



Relays & Contactors > Relays > Power Relays > PCB Power Relay: 40 Amp, Monostable



Relay Type: **General Purpose Power Relay**  
Coil Magnetic System: **Monostable**  
Coil Power Rating DC: **4 W**  
Coil Resistance: **5485  $\Omega$**   
Coil Special Features: **UL Coil Insulation Class F**

[All PCB Power Relay: 40 Amp, Monostable \(66\)](#)

Features

Product Type Features

|            |                             |
|------------|-----------------------------|
| Relay Type | General Purpose Power Relay |
|------------|-----------------------------|

Configuration Features

|                         |                            |
|-------------------------|----------------------------|
| Coil Special Features   | UL Coil Insulation Class F |
| Contact Arrangement     | 2 Form C DPDT-CO           |
| Contact Number of Poles | 2                          |

Electrical Characteristics

|                                                         |           |
|---------------------------------------------------------|-----------|
| Coil Current                                            | .014 A    |
| Insulation Initial Dielectric Between Open Contacts     | 1500 Vrms |
| Contact Limiting Making Current                         | 40 A      |
| Contact Limiting Continuous Current                     | 40 A      |
| Insulation Initial Dielectric Between Adjacent Contacts | 1500 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil   | 4000 Vrms |



|                                   |             |
|-----------------------------------|-------------|
| Insulation Initial Resistance     | 1000 MΩ     |
| Contact Limiting Breaking Current | 40 A        |
| Coil Power Rating DC              | 4 W         |
| Coil Resistance                   | 5485 Ω      |
| Coil Voltage Rating               | 277 VAC     |
| Contact Current Rating            | 30 A        |
| Contact Switching Load (Min)      | 500mA @ 12V |
| Contact Switching Voltage (Max)   | 600 VAC     |
| Contact Voltage Rating            | 277 VAC     |

Body Features

|                |                    |
|----------------|--------------------|
| Enclosure Type | Plastic Dust Cover |
| Product Weight | 86 g[3.034 oz]     |

Contact Features

|                  |       |
|------------------|-------|
| Contact Material | AgCdO |
|------------------|-------|

Termination Features

|                        |                         |
|------------------------|-------------------------|
| Relay Connection Type  | Terminals               |
| Terminal Configuration | Quick Connect Terminals |

Mechanical Attachment

|                               |                            |
|-------------------------------|----------------------------|
| Product Mounting Feature Type | Flange with Mounting Slots |
| Product Mount Type            | Panel                      |

Dimensions

|                                             |                   |
|---------------------------------------------|-------------------|
| Insulation Clearance Between Contact & Coil | 8 mm[.315 in]     |
| Insulation Creepage Between Contact & Coil  | 8 mm[.315 in]     |
| Product Width                               | 34.54 mm[1.36 in] |
| Product Length                              | 68.58 mm[2.7 in]  |
| Product Height                              | 26.42 mm[1.04 in] |

Usage Conditions

|                                         |                           |
|-----------------------------------------|---------------------------|
| Environmental Category of Protection    | RTI                       |
| Environmental Ambient Temperature (Max) | 85 °C[185 °F]             |
| Operating Temperature Range             | -55 – 85 °C[-67 – 185 °F] |

Operation/Application

|              |    |
|--------------|----|
| Current Type | AC |
|--------------|----|



Coil Magnetic System

Monostable

Packaging Features

|                  |                    |
|------------------|--------------------|
| Packaging Method | Box & Tray, Bundle |
|------------------|--------------------|

Other

|                                         |            |
|-----------------------------------------|------------|
| Length Class (Mechanical)               | 50 – 60 mm |
| Environmental Ambient Temperature Class | 70 – 85 °C |
| Height Class (Mechanical)               | 25 – 30 mm |
| Width Class (Mechanical)                | 30 – 40 mm |
| Contact Current Class                   | 30 – 50 A  |

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                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Cadmium oxide (10% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 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>

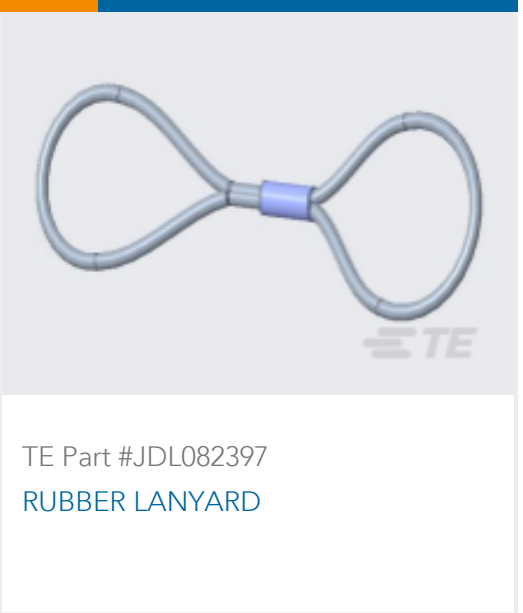
Compatible Parts



Also in the Series | Potter & Brumfield T92



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1393211-6\_F.2d\_dxf.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393211-6\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393211-6\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[T92 Two-Pole, 30 Amp, PC Board or Panel Mount Relay](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[CQC\\_CERT\\_16002142753\\_C1](#)

English