



Potter & Brumfield | Potter & Brumfield T92

TE Internal #: 7-1393211-2

General Purpose Power Relay, DC, Monostable, 2 Form A DPST-NO, 30 A Contact Rating, 48 VDC Coil Voltage, Potter & Brumfield T92

[View on TE.com >](#)

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



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form A DPST-NO**

Contact Current Rating: **30 A**

[All PCB Power Relay: 40 Amp, Monostable \(61\)](#)

## Features

### Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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### Configuration Features

Contact Number of Poles	2
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form A DPST-NO

### Electrical Characteristics

Contact Limiting Making Current	40 A
Contact Limiting Continuous Current	40 A
Contact Limiting Breaking Current	40 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Coil Current	.035 A

Contact Switching Voltage (Max)	600 VAC
Contact Switching Load (Min)	500mA @ 12V
Coil Resistance	1390 $\Omega$
Insulation Initial Resistance	1000 M $\Omega$
Contact Current Rating	30 A
Coil Voltage Rating	48 VDC
Contact Voltage Rating	277 VAC
Coil Power Rating DC	1.7 W
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

### Body Features

Product Weight	86 g[3.034 oz]
Enclosure Type	Dust Protected

### Contact Features

Contact Material	Silver Cadmium Oxide
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### Termination Features

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

### Mechanical Attachment

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

### 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

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

### Operation/Application

Current Type	DC
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Coil Magnetic System

Monostable

### Packaging Features

Packaging Method

Box &amp; Tray, Bundle

### Other

Contact Current Class

30 – 50 A

Environmental Ambient Temperature Class

70 – 85 °C

Height Class (Mechanical)

25 – 30 mm

Length Class (Mechanical)

50 – 60 mm

Width Class (Mechanical)

30 – 40 mm

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Not Yet Reviewed

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 2025 (247)  
 Candidate List Declared Against: JAN 2025 (247)  
 SVHC > Threshold:  
 Cd (100% in Component Part)  
 Cadmium oxide (4.57% in 4811234)  
**Article Safe Usage Statements:**  
 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 &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 260°C

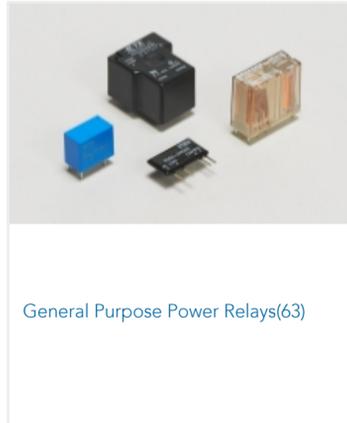
#### Product Compliance Disclaimer

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>

## Also in the Series | Potter & Brumfield T92



AC Relays(34)



General Purpose Power Relays(63)



PCB Relays(19)

## Customers Also Bought



TE Part #8-1676480-2  
CRG0402 1% 680R



TE Part #1775862-2  
mSATA/mini PCI-E 5.2H Type I G/F



TE Part #8-2176479-7  
RA73F 1J 402R 0.1% 5K RL



TE Part #EM7496-000  
X2-18.0-0-FSP-SM



TE Part #1658686-2  
SOCKET CONT, 22-28 AWG, DF 22,  
AMPLIMITE



TE Part #2-2176483-6  
RA73F 2A 1K0 0.1% 5K RL



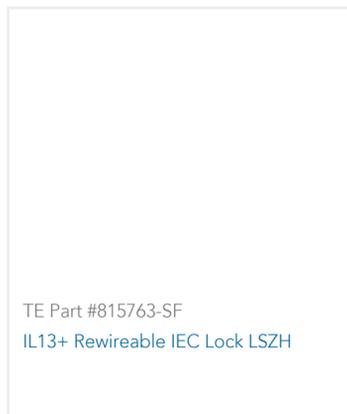
TE Part #4-1393247-2  
W31-X2M1G-5=W23/W31



TE Part #3-1393247-3  
W31-X2M1G-15=W23/W31



TE Part #C20235-000  
B-155-09



TE Part #815763-SF  
IL13+ Rewireable IEC Lock LSZH

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_7-1393211-2\\_F.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_7-1393211-2\\_F.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-1393211-2\\_F.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Definitions General Purpose Relays](#)

English

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### Agency Approvals

[CQC\\_CERT\\_16002142754\\_C1](#)

English