# T92S7A12-120 ✔ ACTIVE

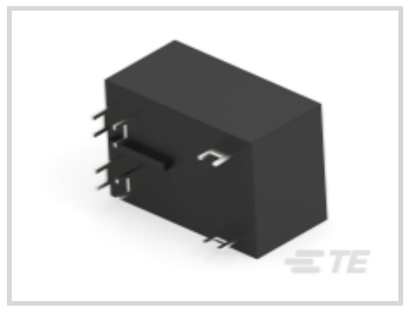
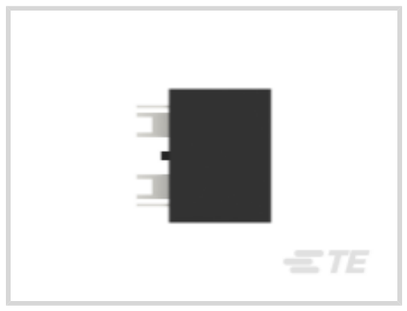
Potter & Brumfield | Potter & Brumfield T92

TE Internal #: 9-1393211-7

General Purpose Power Relay, AC, Monostable, 2 Form A DPST-NO, 30 A Contact Rating, 120 VAC 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**

Coil Magnetic System: **Monostable**

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

Current Type: **AC**

Contact Current Rating: **30 A**

All PCB Power Relay: 40 Amp, Monostable (61)

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Power Relay |

### 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 | .033 A |

| | |
|---|---|
| Contact Switching Voltage (Max) | 600 VAC |
| Contact Switching Load (Min) | 500mA @ 12V |
| Coil Resistance | 950 Ω |
| Coil Power Rating AC | 4 VA |
| Insulation Initial Resistance | 1000 MΩ |
| Contact Current Rating | 30 A |
| Coil Voltage Rating | 120 VAC |
| Contact Voltage Rating | 277 VAC |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |

## Body Features

| | |
|---|---|
| Product Weight | 86 g[3.034 oz] |
| Enclosure Type | Flux Resistant Automatic Solder Capable & Washable |

## Contact Features

| | |
|---|---|
| Contact Material | Silver Cadmium Oxide |

## Termination Features

| | |
|---|---|
| Main Termination & Connection Type | Solder Pins |
| Coil Termination & Connection Type | Solder Pins |

## Mechanical Attachment

| | |
|---|---|
| Product Mount Type | Board 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 | 52.32 mm[2.06 in] |
| Product Height | 30.73 mm[1.21 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 65 °C[-67 – 149 °F] |
| Environmental Category of Protection | RTII |
| Environmental Ambient Temperature (Max) | 65 °C[149 °F] |

## Operation/Application

| | |
|---|---|
| Coil Magnetic System | Monostable |

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

### Packaging Features

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

### Other

| | |
|---|---|
| | >3.5 VA |
| Contact Current Class | >25 – ≤32 A |
| Height Class (Mechanical) | >27 – ≤33 mm[>1.063 – ≤1.299 in] |
| Length Class (Mechanical) | >45 – ≤70 mm[>1.772 – ≤2.756 in] |
| Width Class (Mechanical) | >33 mm[>1.299 in] |

## 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 Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Cadmium oxide (4.57% in 4811234)<br>**Article Safe Usage Statements:**<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

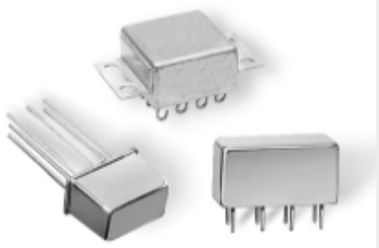


TE Part # CAT-P851-T1B
PCB Power Relay: 40 Amp, Monostable

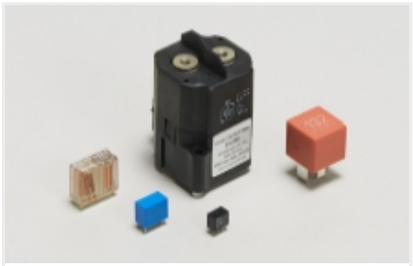
## Also in the Series | Potter & Brumfield T92



AC Relays(34)



DC Relays(29)



Electromechanical Relays(63)

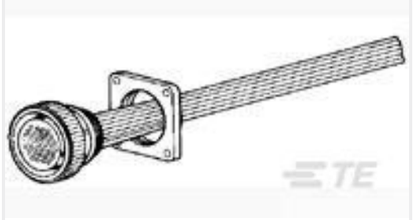
## Customers Also Bought



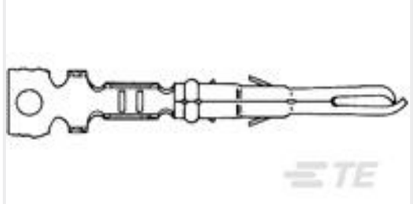
TE Part #625134-000
D-110-40



TE Part #DTM12S-BT-BK
BOOT, 12P, PLG, ST, BLK



TE Part #207299-3
FLANGE PLUG MOUNT CPC



TE Part #640545-2
MR SPLIT PIN 26-18 AUPHBRZ LP



TE Part #1-1393249-3
W58-XB1A4A-25=W58



TE Part #1-1393249-6
W58-XB1A4A-30=W58



TE Part #7-1393254-7
W92-X112-30=M6/M7/M9/W6/W7



TE Part #7-1393254-9
W92-X112-40=M6/M7/M9/W6/W7



TE Part #4-1437567-3
MPE106F=SWITCH PUSH BUTTON WAT



TE Part #6-1879233-3
SMW5 39R 5%

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1393211-7_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1393211-7_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1393211-7_G.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