T92P11A22-24 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield T92

TE Internal #: 4-1393211-3

Power Relays, Standard, Monostable, AC, 4000 mW Coil Power Rating DC, 36.6 Ω Coil Resistance, UL Coil Insulation Class F, Potter

& Brumfield T92

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



Power Relay Type: Standard

Coil Magnetic System: Monostable, AC

Coil Power Rating DC: 4000 mW

Coil Resistance: 36.6Ω

Coil Special Features: UL Coil Insulation Class F

All PCB Power Relay: 40 Amp, Monostable (66)

Features

Product Type Features

Enclosure Type

Input Voltage

Insulation Initial Resistance

Output Voltage (Max)

Insulation Initial Dielectric Between Adjacent Contacts

Insulation Initial Dielectric Between Contacts & Coil

Output Type	AC
Power Relay Type	Standard
Configuration Features	
Output Switching	Random
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	0 – 4000 V
Output Current Rating	0 – 3 Arms, 0 – 40 Arms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Coil Power Rating	4 W
Insulation Creepage Class	8 – 9.5 mm

Plastic Dust Cover

0 – 24 VAC

1500 Vrms

1000 MΩ

4000 Vrms

600 V



Insulation Cirepage Between Contact & Coll 8 mmr[315 in] Contact Limiting Continuous Current 40 A Output Voltage Rating (AC Relays) 0 − 277 Virns Output Current (Min) .5 A Contact Limiting Breaking Current 40 A Coil Current .167 A Coil Magnetic System Monastable, AC Coil Power Rating DC 4000 mW Coil Resistance 36.6 O Coil Special Features Ull Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Voltage (Max) 600 VAC Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features 80000 Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 gl3 034 oz] Product Weight 86 gl3 034 oz] Packaging Style Panel Mount Contact Features 2) x 1 Form C Contact Arrangement (2) x 1 Form C Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Material AgCdO <tr< th=""><th>Contact Limiting Making Current</th><th>40 A</th></tr<>	Contact Limiting Making Current	40 A
Output Voltage Rating (ΛC Relays) 0 – 277 Vrms Output Current (Min) .5 A Centact Limiting Breaking Current 40 A Cail Current .167 A Coil Magnetic System Morrostable, AC Coil Power Rating DC 4000 mW Coil Resistance 36.6 Ω Coil Special Features UL Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA @ 12V Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features 8000V Initial Surge Withstand Voltage between Cortacts & Coil Product Weight 66 g/3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Panel Mount Relay Mounting Type Panel Mount		8 mm[.315 in]
Output Current (Min) .5 A Contact Limiting Breaking Current 40 A Coil Current .167 Λ Coil Magnetic System Monostable, AC Coil Megnetic System Monostable, AC Coil Power Rating DC 4000 mW Coil Resistance 36 6 Ω Coil Special Features Ut. Coil Insulation Class Γ Coil Voltage Rating 24 VAC Contact Switching Voltage (Max) 600 VAC Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features 8000V Initial Surge Withstand Voltage between Contacts & Coill Product Weight 86 gl3 034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement Contact Arrangement (2) x 1 Form C Contact Current Rating (Max) 30 A Contact Current Rating (Max) 30 A Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions 50 –60 mm <td>Contact Limiting Continuous Current</td> <td>40 A</td>	Contact Limiting Continuous Current	40 A
Contact Limiting Breaking Current 40 A Coil Current .167 A Coil Magnetic System Monostable, AC Coil Power Rating DC 4000 mW Coil Resistance 36.6 Ω Coil Special Features UL Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Voltage (Max) 600 VAC Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 gl3.034 orl Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 - 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions 10 - 60 mm	Output Voltage Rating (AC Relays)	0 – 277 Vrms
Coil Current .167 A Coil Magnetic System Monostable, AC Coil Power Rating DC 4000 mW Coil Resistance 36.6 Ω Coil Special Features UI Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA № 12V Contact Switching Voltage (Max) 600 VAC Contact Switching Voltage (Max) 600 VAC Body Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 gl3.034 ozl Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 - 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 - 60 mm	Output Current (Min)	.5 A
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Coil Power Rating DC Coil Resistance 36.6 Ω Coil Special Features UL Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA @ 12V Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 gl3.034 oz Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 − 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 − 60 mm	Coil Current	.167 A
Coil Resistance 36.6 Ω Coil Special Features UL Coil Insulation Class F Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA @ 12V Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 gl3.034 oz Packaging Style Panel Mount Contact Features Switch Arrangement Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions 50 – 60 mm	Coil Magnetic System	Monostable, AC
Coil Special Features Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA @ 12V Contact Switching Voltage (Max) Contact Voltage Rating 277 VAC Body Features Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) Contact Material AgCdO Contact Material AgCdO Contact Number of Poles Relay Terminal Type Panel Mount Panel Mount Panel Mount Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Panel Mount Dimensions Longth Class (Mechanical)	Coil Power Rating DC	4000 mW
Coil Voltage Rating 24 VAC Contact Switching Load (Min) 500mA @ 12V Contact Switching Voltage (Max) 600 VAC Contact Voltage Rating 277 VAC Body Features Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Coil Resistance	36.6 Ω
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Contact Switching Voltage (Max) Contact Voltage Rating Body Features Insulation Special Features Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Coil Voltage Rating	24 VAC
Contact Voltage Rating 277 VAC Body Features Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Switching Load (Min)	500mA @ 12V
Insulation Special Features Source Source	Contact Switching Voltage (Max)	600 VAC
Insulation Special Features 8000V Initial Surge Withstand Voltage between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Voltage Rating	277 VAC
between Contacts & Coil Product Weight 86 g[3.034 oz] Packaging Style Panel Mount Contact Features Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Body Features	
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Switch Arrangement (2) x 1 Form C Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Packaging Style	Panel Mount
Contact Arrangement 2 Form C, DPDT Contact Current Class 30 – 50 A Contact Current Rating (Max) 30 A Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Features	
Contact Current Class Contact Current Rating (Max) Contact Material Contact Number of Poles Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Switch Arrangement	(2) x 1 Form C
Contact Current Rating (Max) Contact Material AgCdO Contact Number of Poles Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Arrangement	2 Form C, DPDT
Contact Material AgCdO Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Current Class	30 – 50 A
Contact Number of Poles 2 Relay Terminal Type Panel Mount Relay Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Current Rating (Max)	30 A
Relay Terminal Type Mechanical Attachment Relay Mounting Type Panel Mount Panel Mount Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Material	AgCdO
Mechanical Attachment Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Contact Number of Poles	2
Relay Mounting Type Panel Mount Dimensions Length Class (Mechanical) 50 – 60 mm	Relay Terminal Type	Panel Mount Relay
Dimensions Length Class (Mechanical) 50 – 60 mm	Mechanical Attachment	
Length Class (Mechanical) 50 – 60 mm	Relay Mounting Type	Panel Mount
	Dimensions	
Height Class (Mechanical) 25 – 30 mm	Length Class (Mechanical)	50 – 60 mm
	Height Class (Mechanical)	25 – 30 mm



Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Clearance Class	8 – 9.5 mm
Width Class (Mechanical)	30 – 40 mm
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	
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Ambient Temperature Class	70 – 85 °C
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Packaging Features	

Box & Tray, Bundle

Product Compliance

Packaging Method

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Cadmium oxide (10% in Component Part) 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 > 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

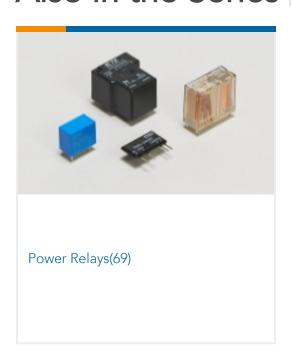


requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



Also in the Series | Potter & Brumfield T92



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1393211-3_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1393211-3_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1393211-3_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, Handling, Processing, Testing and Use of Relays

Power Relays, Standard, Monostable, AC, 4000 mW Coil Power Rating DC, 36.6 Ω Coil Resistance, UL Coil Insulation Class F, Potter & Brumfield T92



English