Potter & Brumfield | Potter & Brumfield T9A

TE Internal #: 1423794-1

General Purpose Power Relay, DC, Monostable, 1 Form B SPST-NC, 15 A Contact Rating, 24 VDC Coil Voltage, Potter & Brumfield

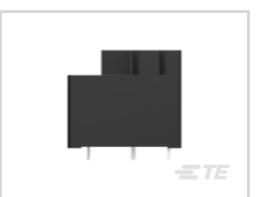
T9A

View on TE.com >

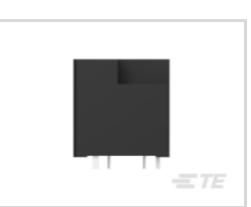


Relays & Contactors > Electromechanical Relays > PCB Power Relay: 30 Amp, Monostable DC











Relay & Contactor Type: General Purpose Power Relay

Current Type: DC

Coil Magnetic System: Monostable

Contact Arrangement: 1 Form B SPST-NC

Contact Current Rating: 15 A

All PCB Power Relay: 30 Amp, Monostable DC (57)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form B SPST-NC
Electrical Characteristics	
Contact Limiting Short-Time Current	15 A
Contact Limiting Making Current	15 A
Contact Limiting Continuous Current	15 A
Contact Limiting Breaking Current	15 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms



Coil Current	.037 A
Contact Switching Voltage (Max)	277 VAC
Contact Switching Load (Min)	1000mA @ 5V
Coil Resistance	660 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	15 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	277 VAC
Coil Power Rating DC	.9 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Body Features	
Product Weight	33 g[1.164 oz]
Primary Product Color	Black
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable
Contact Features	
Contact Material	Silver Cadmium Oxide
Termination Features	
Main Termination & Connection Type	Quick Connect Terminals, Solder Pins
Coil Termination & Connection Type	Solder Pins
Mechanical Attachment	
Product Mount Type	Board Mount
Product Mount Type Dimensions	Board Mount
	Board Mount 3.18 mm[.125 in]
Dimensions	
Dimensions Insulation Clearance Between Contact & Coil	3.18 mm[.125 in]
Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil	3.18 mm[.125 in] 6.36 mm[.25 in]
Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width	3.18 mm[.125 in] 6.36 mm[.25 in] 27.43 mm[1.08 in]
Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width Product Length	3.18 mm[.125 in] 6.36 mm[.25 in] 27.43 mm[1.08 in] 32.51 mm[1.28 in]
Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width Product Length Product Height	3.18 mm[.125 in] 6.36 mm[.25 in] 27.43 mm[1.08 in] 32.51 mm[1.28 in]
Dimensions Insulation Clearance Between Contact & Coil Insulation Creepage Between Contact & Coil Product Width Product Length Product Height Usage Conditions	3.18 mm[.125 in] 6.36 mm[.25 in] 27.43 mm[1.08 in] 32.51 mm[1.28 in] 27.94 mm[1.1 in]



Operation/Application

Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Bundle, Tray
Other	
Coil Power Rating Class	.8 – 1 W
Contact Current Class	16 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	30 – 35 mm
Width Class (Mechanical)	25 – 30 mm

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	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: Cadmium oxide (10% in 4735191994) 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 T9A





Customers Also Bought





















Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1423794-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1423794-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1423794-1_L.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

Datasheets & Catalog Pages

T9A Relay Datasheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

Agency Approval Document

English