

T9AS1D17-5

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield T9A

TE Internal #: 1-2071229-4

General Purpose Power Relay, 1 W Coil, 25 ohm Coil Resistance, UL Coil Insulation Class F, 5 VDC Coil Voltage, Potter & Brumfield T9A, Power Relays

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



Coil Power Rating Class: 1 W [ .5 – 1 VA ]  
Relay Type: **General Purpose Power Relay**  
Coil Power Rating DC: 1 W  
Coil Resistance: 25 Ω  
Coil Special Features: UL Coil Insulation Class F  
[All PCB Power Relay: 30 Amp, Monostable DC \(67\)](#)

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A SPST-NO
Contact Number of Poles	1

Electrical Characteristics

Contact Limiting Continuous Current	30 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Limiting Making Current	30 A
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Contact Limiting Breaking Current	30 A



Coil Power Rating DC	1 W
Coil Resistance	25 $\Omega$
Coil Voltage Rating	5 VDC
Contact Current Rating	30 A
Contact Switching Load (Min)	1A @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	30 VDC

Contact Features

Contact Material	AgCdO
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Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Creepage Between Contact & Coil	6.36 mm[.25 in]
Product Width	27.43 mm[1.08 in]
Product Length	32.51 mm[1.28 in]
Product Height	20.4 mm[.803 in]

Operation/Application

Solder Process	Wave Solder
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Packaging Features

Packaging Method	Box & Tray
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Other

Coil Power Rating Class	1 W[.5 – 1 VA]
Contact Current Class	20 – 30 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)  
Candidate List Declared Against: JAN 2024  
(240)  
SVHC > Threshold:  
Cadmium oxide (4.52% 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

Not applicable for solder process capability

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 # 1-1393210-2  
T9AS1D12-110

Also in the Series | Potter & Brumfield T9A

Power Relays(67)

Customers Also Bought



TE Part #194010-1  
PIN ASSY..070

TE Part #6-1393243-8  
RT424024

TE Part #641963-1  
02P UMNL PIN HDR ASSY POL NATL

TE Part #350429-1  
03P UMNL PIN HDR ASSY NATL

TE Part #1-1393194-9  
T77V1D10-12

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2071229-4\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2071229-4\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2071229-4\_C.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

Agency Approvals

UL

English