

T9AS1D17-5

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield T9A

TE Internal #: 1-2071229-4

General Purpose Power Relay, 1 Form A SPST-NO, 30 A Contact Rating, 5 VDC Coil Voltage, 277 VAC Contact 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**

Contact Arrangement: **1 Form A SPST-NO**

Contact Current Rating: **30 A**

Coil Voltage Rating: **5 VDC**

Contact Voltage Rating: **277 VAC**

[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 A SPST-NO

Electrical Characteristics

Contact Limiting Making Current	30 A
Contact Limiting Continuous Current	30 A
Contact Limiting Breaking Current	30 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Switching Voltage (Max)	277 VAC



Contact Switching Load (Min)	1000mA @ 5V
Coil Resistance	25 Ω
Contact Current Rating	30 A
Coil Voltage Rating	5 VDC
Contact Voltage Rating	30 VDC
Coil Power Rating DC	1 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms

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 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]

Usage Conditions

Environmental Ambient Temperature (Max)	85 $^{\circ}$ C
---	-----------------

Operation/Application

Solder Process	Wave Solder
----------------	-------------

Packaging Features

Packaging Method	Box & Tray
------------------	------------

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (4.52% in 4735445783) 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

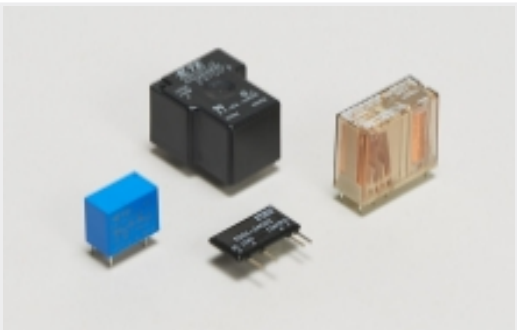
Product Compliance Disclaimer

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>

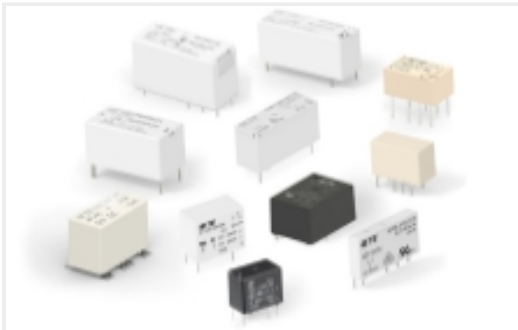
Compatible Parts



Also in the Series | [Potter & Brumfield T9A](#)



General Purpose Power Relays(57)



PCB Relays(47)

Customers Also Bought



TE Part #194010-1
PIN ASSY..070



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



TE Part #1-1393194-9
T77V1D10-12



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



TE Part #6-1393243-8
RT424024

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