



STANDARD POWER RELAYS



✓ Active

[3D PDF](#)

TE CONNECTIVITY (TE) T9AS1L12-24

Potter & Brumfield | T9A

T9AS1L12-24

TE Internal Number: 2-1393210-5

Converted to EU RoHS but not ELV Compliant
[Find Compliant Alternatives](#)

Contact Current Rating (A) **30**

Coil Power Rating (DC) (mW) **900**

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

T9A DC Coil 30 Amp PC Board Or Panel Mount Relay

PDF
English

Product Specifications

Product Specification

Definitions Relays

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Product Type

Relay

Relay Type

PCB Relay

Electrical Characteristics

Coil Power Rating (DC) (mW)

900

Insulation Creepage Class

5.5 – 8mm

Coil Voltage Rating (VDC)

24

Contact Voltage Rating (VAC)	277
Contact Switching Voltage (Max) (VAC)	277
Contact Limiting Breaking Current (A)	30
Coil Special Features	UL Coil Insulation Class F
Contact Limiting Continuous Current (A)	30
Coil Magnetic System	Monostable, DC
Contact Limiting Short-Time Current (A)	30
Insulation Creepage Between Contact and Coil	6.36 mm [.25 in]
Insulation Initial Resistance (MΩ)	1000
Coil Resistance (Ω)	660
Contact Limiting Making Current (A)	30
Contact Switching Load (Min)	1000mA @ 5V
Insulation Initial Dielectric Between Open Contacts (Vrms)	1500
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	2500
Coil Power Rating Class	800 – 1000 mW
Insulation Initial Dielectric Between Coil/Contact Class	1500 V – 2500 VA

Body Features	Insulation Special Features	6000V Initial Surge Withstand Voltage between Contacts & Coil
	Weight	26 g [.918 oz]

Contact Features	Contact Current Rating (A)	30
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	AgCdO
	Contact Current Class	20 – 30 A, Greater Than 16A

Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Insulation Clearance Class	2.5 – 4mm
	Length Class (Mechanical) (mm)	30 – 35
	Length	32.5 mm [1.281 in]
	Height Class (Mechanical) (mm)	20 – 25
	Height	20.4 mm [.803 in]
	Insulation Clearance Between Contact and Coil	3.18 mm [.125 in]

Width Class (Mechanical) (mm)	25 – 30
Width	27.4 mm [1.079 in]

Usage Conditions	Environmental Category of Protection	RTIII
	Environmental Ambient Temperature (Max)	85 °C [185 °F]
	Environmental Ambient Temperature Class	70 – 85°C

Packaging Features	Packaging Method	Tray, Tray/Box
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)