



TE Connectivity: Every Connection Counts
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RELAYS, CONTACTORS & SWITCHES | RELAYS | POWER RELAYS

STANDARD POWER RELAYS



✓ Active

↓ 3D PDF

TE CONNECTIVITY (TE) T9AS1D12-12

Potter & Brumfield | T9A

T9AS1D12-12
TE Internal Number: 1-1393210-3

EU RoHS Compliant with Exemptions

Not EU ELV Compliant

Contact Current Rating (A) **30**

Coil Power Rating (DC) (mW) **1000**

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

Product Environmental Compliance

TE Material Declaration

MD_1-1393210-3_100820152231_dmtec

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)	1000
	Insulation Creepage Class	5.5 – 8mm
	Coil Voltage Rating (VDC)	12
	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)	144
	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)

Mechanical Attachment	Contact Number of Poles	1
	Mounting Type CONTACT MATERIAL	Printed Circuit Board AGCU
Dimensions	Contact Current Class	20 – 30 A, Greater Than 16A
	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
Statement of Compliance	Statement of Compliance PDF	

Customers Also Bought

<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>01 MODII HDR SRST B/A .100CL 5-146278-1</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>CRG0805 1% 22R CRG0805F22R</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>12 p.minimatch fwtb conn. 5 MM PITCH 1-5164852-2</p>	<p>THROUGH-HOLE RESISTORS</p>  <p>ER17 39K 5% LOOSE ER1739KJL</p>
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