



SIGNAL RELAYS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) V23105A5003A201

Axicom | D2n Relay

V23105A5003A201

TE Internal Number: 8-1393792-8

Converted to EU RoHS/ELV Compliant

Contact Voltage Rating **250 VAC [220 VDC]**

Coil Power Rating (DC) (mW) **150**

Isolation (HF Parameter) **-39dB @ 100MHz, -20.7dB @ 900MHz**

Insertion Loss (HF Parameter) **-.27dB @ 900MHz, -.02dB @ 100MHz**

Insulation Initial Resistance (M Ω) **1000**

Product Drawings

D2n-Relay

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CAD Files

Customer View Model

3D_IGS.ZIP
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Customer View Model

3D_STP.ZIP
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Customer View Model

2D_DXF.ZIP
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Product Specifications

Product Specification

D2n Relay Datasheet

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Definitions Relays

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Product Environmental Compliance

TE Material Declaration

[MD_8-1393792-8_090320141020_dmtec](#)

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Relay Style	D2n Relay
	Product Type	Relay
	Relay Type	D2n Relay V23105
Electrical Characteristics	Contact Voltage Rating	250 VAC [220 VDC]
	Coil Power Rating (DC) (mW)	150
	Insulation Initial Resistance (M Ω)	1000
	Coil Voltage Rating (VDC)	12
	Contact Switching Voltage (Max)	250 VAC [220 VDC]
	Coil Magnetic System	Monostable, DC
	Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	750
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	1050
	Contact Limiting Making Current (A)	3
	Insulation Initial Dielectric Between Open Contacts (Vrms)	750
	Actuating System	AC/DC
	Contact Limiting Short-Time Current (A)	3
	Contact Limiting Continuous Current (A)	3
	Coil Resistance (Ω)	960
	Contact Switching Load (Min)	10mA @ .2V
	Contact Limiting Breaking Current (A)	3
	Power Consumption (mW)	150
	Coil Power Rating Class	100 – 150 mW
	Coil Type	Monostable
Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4 @ 900MHz	

Signal Characteristics	Isolation (HF Parameter)	-39dB @ 100MHz, -20.7dB @ 900MHz
	Insertion Loss (HF Parameter)	-.27dB @ 900MHz, -.02dB @ 100MHz

Body Features	Weight	6 g [.2116 oz]
	Insulation Special Features	1500V Initial Surge Withstand Voltage between Contacts & Coil
Contact Features	Terminal Type	PCB-THT
	Contact Current Rating (A)	3
	Contact Arrangement	2 Form C (CO)
	Contact Number of Poles	2
	Contact Current Class	2 – 5 A
	Contact Plating Material	Gold
Termination Features	Termination Type	Through Hole
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Length Class (Mechanical)	20 – 25 mm
	Width Class (Mechanical)	8 – 10 mm
	Length	20.2 mm [.795 in]
	Width	10 mm [.394 in]
	Height Class (Mechanical)	10 – 11 mm
	Height	11 mm [.433 in]
Usage Conditions	Environmental Category of Protection	RTIII
	Operating Temperature Range (°C)	-40 – 85
	Environmental Ambient Temperature (Max)	85 °C [85 °F]
	Environmental Ambient Temperature Class	70 – 85°C
Operation/Application	Performance Type	Standard
Packaging Features	Packaging Method	Tube, Tube/Box
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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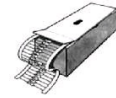
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