



SIGNAL RELAYS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) V23105A5307A201

Axicom | D2n Relay

V23105A5307A201

TE Internal Number: 1393793-3

Converted to EU RoHS/ELV Compliant

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

Coil Power Rating (DC) (mW) **200**

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

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

Customer View Model

TIF
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3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
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Customer View Model

3D_IGS.ZIP
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Customer View Model

3D_STP.ZIP
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Product Specifications

Product Specification

D2n Relay Datasheet

PDF
English

Definitions Relays

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1393793-3_01222016837_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)

200

Insulation Initial Resistance (M Ω)

1000

Coil Voltage Rating (VDC)

48

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)

11520

Contact Switching Load (Min)

10mA @ .2V

Contact Limiting Breaking Current (A)

3

Power Consumption (mW)

200

Coil Power Rating Class

150 – 200 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	

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER

SURFACE MOUNT RESISTORS

SIGNAL RELAYS

SURFACE MOUNT RESISTORS

CONNECTORS

02P MTA156 CONN ASSY
26AWG BLU
3-640430-2



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