

STANDARD POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)
PCN-105D3MHZ,001B
 OEG | PCN 3A SLIM PCB RELAY FOR INDUSTRIAL

PCN-105D3MHZ,001B
 TE Internal Number: 1721441-2

Always EU RoHS/ELV Compliant

Contact Current Rating (A) **5**

Coil Power Rating (DC) (mW) **120**

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **3 – 5.5mm**

Terminal Type **PCB-THT**

Catalog Pages/Data Sheets

[PCN Series Relay Data Sheet English](#)
 PDF
English

Product Specifications

Product Specification

[PCN PACKAGE SPECIFICATION](#)
 PDF
English

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

Product Type Features	Product Type	Relay
	Relay Type	Slimline PCB Relay
Electrical Characteristics	Coil Power Rating (DC) (mW)	120
	Insulation Creepage Class	3 – 5.5mm
	Coil Voltage Rating (VDC)	5
	Contact Voltage Rating	250 VAC [30 VDC]
	Contact Switching Voltage (Max)	277 VAC [125 VDC]
	Contact Limiting Breaking Current (A)	5
	Coil Special Features	UL Coil Insulation Class A
	Contact Limiting Continuous Current (A)	5

Coil Magnetic System	Monostable, DC
Insulation Creepage Between Contact and Coil	3.5 mm [.138 in]
Insulation Initial Resistance (MΩ)	1000
Coil Resistance (Ω)	208
Contact Limiting Making Current (A)	5
Insulation Initial Dielectric Between Open Contacts (Vrms)	750
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	3000
Coil Power Rating Class	100 – 150 mW
Insulation Initial Dielectric Between Coil/Contact Class	2500 – 3000 V

Body Features	Insulation Special Features	4000V Initial Surge Withstand Voltage between Contacts & Coil, Tracking Index of Relay Base PTI600
	Weight	3 g [.1058 oz]

Contact Features	Contact Current Rating (A)	5
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	AgNi
	Contact Current Class	2 – 5 A, Less Than 16A
	Contact Plating Material	Gold
	Contact Special Features	Bifurcated/Twin Contacts

Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Insulation Clearance Class	2.5 – 4mm
	Length Class (Mechanical) (mm)	16 – 20
	Length	20 mm [.787 in]
	Height Class (Mechanical) (mm)	12 – 13
	Height	12.5 mm [.492 in]
	Insulation Clearance Between Contact and Coil	3.5 mm [.138 in]
	Width Class (Mechanical) (mm)	0 – 6
	Width	5 mm [.197 in]

Usage Conditions

Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	70 °C [185 °F]
Environmental Ambient Temperature Class	50 – 70°C

Packaging Features	Packaging Method	Blister Pack
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Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE