

PCI Bus Isolated Digital I/O Board Selection Guide

Isolated Digital I/O Board		PCI-P16R16	PCI-P8R8	PCI-P16C16	PCI-P16POR16	PISO-P8R8	PISO-P8SSR8DC	PISO-P8SSR8AC	
Digital Output	Type	Relay	Relay	Open-Collector	PhotoMos Relay	Relay	DC-Type Solid-state Relay	AC-Type Solid-state Relay	
	Channel	Total	16	8	16	16	8	8	8
		Contact Type	10xForm C 6xForm A	5xForm C 3xForm A	16xNPN	16xFormA	5xForm C 3xForm A	8xForm A	8xForm A
	Output Rating	DC	0.5A / 30V		400mA/ 30V	130mA/ 250V	1.6A/30V	1.0A/30V	-
AC		0.5A / 120V		-	130mA/ 350V (Peak AC)	1.6A/250V	-	1.0A/30V	
Digital Input	Type	Optical-isolated							
	Channel	16	8	16	16	8	8	8	
	Input Impedance	1.2K Ω							
	Input Voltage	DC	3.5-30V						
		AC	3.5-30V / 50-1KHz						
Connector	37-pin Dub	2	1	2	2	1	1	1	
Dimensions		180 x 105	180 x 105	180 x 105	180 x 105	146 x 105	146 x 105	146 x 105	
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Isolated Digital I/O Board		PISO-P32C32	PISO-P64	PISO-C64	PISO-730	
Digital Output	Type	Open-Collector (NPN)	-	Open-Collector (NPN)	Open-Collector (NPN)	
	Channel	32	-	64	16	
	Output Rating	DC	125mA/30V	-	125mA/30V	125mA/30V
		AC	-	-	-	-
Non-Isolated D/O (TTL Level)	-	-	-	16		
Digital Input	Type					
	Channel	32	64	-	16	
	Input Impedance	3K Ω	3K Ω	-	3K Ω	
	Input Voltage (DC)	5-30V	5-30V	-	5-30V	
	Building DC/DC Converter	2 x 150mA/5Vdc	2 x 150mA/5Vdc	-	150mA/5Vdc	
	Non-Isolated D/I (TTL Level)	-	-	-	16	
Connector	37-pin D-sub	2	2	2	1	
	20-pin header	-	-	-	2	
Dimensions	180 x 105	180 x 105	180 x 105	170 x 105		
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*Note: Contact arrangement: "Form A" Common and Normal Open; "Form C" Common, Normal Open and Normal Close