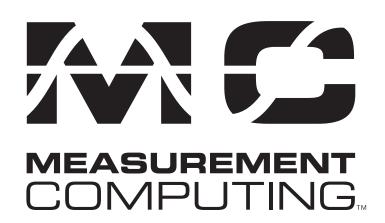
SPECIFICATIONS PC104-PDIS08

Isolated Inputs, Relay Outputs



Revision 3, October, 2000

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Power Consumption

+5V supply	0.11 A typical with all relays off.
	0.4 A typical with all relays on.
Output Relay Specifications	
Number	8
Contact arrangement	5 form C, Relay 0 to Relay 4
-	3 form A, Relay 5 to Relay 7
Contact rating (resistive load)	0.4 A @ 120VAC or 2 A @ 30VDC
Contact resistance	0.050 Ohms max.
Coil resistance	125 Ohms
Operate time	5 ms
Release time	5 ms max.
Isolation	
Between open contacts	1000VAC, 50/60HZ, 1 min.
Between coil and contacts	1500VAC, 50/60HZ, 1 min.
Life Expectancy	
Mechanical	100,000,000 Operations
Electrical	500,000 Operations @ Full Load
Isolated Inputs	

8 Number Type Non-polarized, optically isolated (NOT TTL compatible) Range DC $\pm 24V$ AC (50 to 1 kHz) $\pm 24V$ >5V minimum (positive or negative input voltage) Input 'High' level Input 'Low' level <2.5V maximum (positive or negative input voltage) 500V Isolation 455 Ohms minimum Resistance Response 20 µs w/o filter 5 ms w/ filter Filters Time constant 5 ms (200 Hz) Each input individually switch-selectable Filter control Connector

40-pin male header (optional cable available to translate 40-pin connector to 37-pin connector compatible with CIO-PDISO8) 1000Vrms 1 A

Environmental

Connector type

Dielectric Strength Current Rating

Operating temperature	0 to 50 deg. C
Storage temperature	-20 to 70 deg. C
Humidity	0 to 90% non-condensing

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