

PC-43A4 8 CHANNEL MULTI-I/O & MULTI-FUNCTION CONTROL MODULE

Features

8 Independent Digital Input / Output Channels (Connected to the host DAQ PC Card's DIO).

Numerous single & dual Function Digital Control Channels (Connected to the host DAQ PC Card's Multifunction DIO).

For use ONLY with NATIONAL INSTRUMENTS (TM) PCI MIO Series E Cards, using "Y" -Cable-2.

"DB-37F Connector's Cable Screen / DGND" linking jumper.

Internal / External (+5V) power input is jumper selectable (300mA resettable fuse for PSU protection).

High quality screw terminals for easy field wiring.

There are four 3.2mm diameter holes for mounting or a DIN-RAIL Mounting Base may be fitted (recommended for quick hassle free installations).

Digital Input / Output Multi-I/O Connector Description

8 Digital Input / Output Connectors: 1

For use with: ADPT-910; PC-37D; PC-38G; PC-38H;

PC-38V; PC-43E & PC-51-8

Access via: Digital I/O (0-7) IDC-10M Connector

Digital Multi-function Control Connector Description

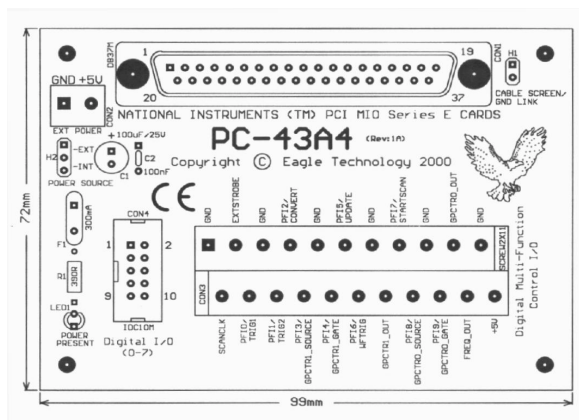
Multiple Digital Multi-Function Control Connectors: 1

Single Control Lines: SCANCLK; EXTSTROBE;
GPCTR1_OUT; GPCTR0_OUT &
FREQ_OUT

Dual Control Lines: PFI0/TRIG1; PFI1/TRIG2;
PFI2/CONVERT;
PFI3/GPCTR1_SOURCE;
PFI4/GPCTR1_GATE; PFI5/UPDATE;
PFI6/WFTRIG; PFI7/STARTSCAN;
PFI8/GPCTR0_SOURCE;
PFI9/GPCTR0_GATE

Access via: Digital Multi-Function Control I/O Screw terminals

PC-43A4



Temperature Ranges

Operating Temperature: 0° to 60°C

Storage Temperature: -20° to 80°C

Physical Dimensions

72.0mm (width) X 99.0mm (length) X 19.0mm (height without DIN-RAIL Mounting Base fitted)

77.0mm (width) X 101.5mm (length) X 40.0mm (height with DIN-RAIL Mounting Base fitted)