PC-43C  24 CHANNEL DIGITAL OPTO-ISOLATOR I/P MODULE

Features
3x8 Opto-Isolated Digital Input Channels with (—) Input Common jumpers (Connected to Port A, B & C of the Host DAQ PC Card’s PIO chip).
For use with PC-192/A (IDC-50M); PC-36A/B/C & PCI-36C (DB-37F) using 1:1 cables, as well as other DAQ PC-Cards (DB-25F) using a custom made cable.
‘DB-37F & DB-25F Connector’s Cable Screen / DGND’ linking jumper.
Internal / External (+5V) power input is jumper selectable (300mA resettable fuse for PSU protection).
External Trigger Connector for PC-36C & PCI-36C DAQ PC Cards
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).

Opto-Isolated Input Specifications
Number of Opto-Isolated Input channels: 24
Opto-Isolator: 4N25
Input Impedance: 1K2
Input Voltage Range: 0-28VDC (<1.2V=LO & >3.0V=HI)
Isolation: 2.5KV (min)
Channel Throughput: 15KHz
Common (—)Input: 8 jumpers to link to “COM” terminal, for all 3 ports
Access via: Port -A; B & C Opto Isolated I/P’s screw terminals

Temperature Ranges
Operating Temperature: 0° to 60°C
Storage Temperature: -20° to 80°C

Physical Dimensions
107.5mm (width) X 230.0mm (length) X 23.0mm
(height without DIN-RAIL Mounting Base fitted)
111.5mm (width) X 231.5mm (length) X 45.0mm
(height with DIN-RAIL Mounting Base fitted)