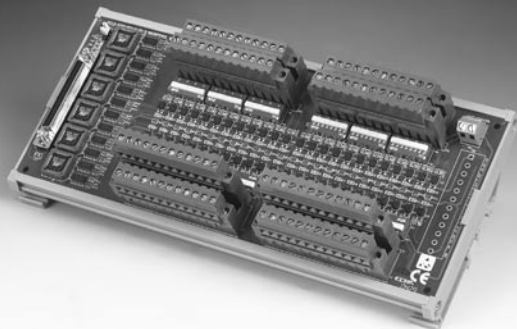# PCLD-8751
PCLD-8761

48-Channel Opto-Isolated Digital Input Boards

24-Channel Opto-Isolated D/I and 24-Channel Relay Output Board

NEW

PCLD-8751

CE

NEW

PCLD-8761

CE

Features

- 48 optically-isolated digital input channels
- Built-in pluggable screw terminals for easy input wiring
- LEDs indicate input logic status
- Input buffered with voltage comparators
- Wet/Dry contact set by DIP switches
- Input logic set by jumper
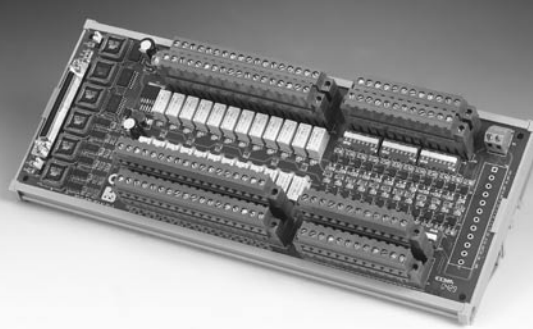- Wide input range from 5 to 30 V

Features

- 24 optically-isolated digital input channels
- 24 relay outputs (SPDT)
- Built-in detachable screw terminals for easy input wiring
- LED status indicators for D/I and relay output
- Digital inputs buffered with voltage comparators
- Wet/Dry contact set by DIP switches for D/I
- Wide input range from 5 to 30 V
- INT/EXT Power selection by jumper

Specifications

- **Isolation Voltage**   3500 V
- **Channels**   48 IDI with LED
- **Contact Mode**   Wet contact
  Dry contact (set by switch)
- **Logic Mode**   Positive Logic
  Negative Logic (set by jumper)
- **Digital Input**   0 ~ 30 V
  VIH (MIN) : 4 V, VIL (MAX) : 1 V
- **Connector**   SCSI-68
- **Case Dimensions**   255 x 121 mm
- **Screw Terminals**   Accepts 14 to 24 AWG wires

Specifications

- **Isolation Voltage**   3500 V (Isolated DI), 1500V (RELAY)
- **Channels**   24 IDI with LED and 24 Relay (SPDT) Form C with LED
- **Contact Mode**   Wet contact and dry contact for each IDI (set by switch)
- **Logic Mode**   Positive Logic
  (IDI and Relay are   Negative Logic (set by jumper)
  independent)
- **Digital Input**   0~30V
  VIH(MIN):4V, VIL(MAX): 1V
- **Connector**   SCSI-68
- **Screw Terminal**   Accept 14 to 24 AGP wires
- **Contact Resistance**   < 100 ohm
- **Operation Time**   5 ms Max
- **Release Time**   6 ms Max
- **Contact Rating**   30 V_{DC} @ 1 A, 120 V_{AC} @ 0.5 A
- **Power Selection**   PCI Bus or External power(7~30V) by jumper
- **Mechanical Endurance** 10^8 times
- **Electrical Endurance** $5*10^7$ times at 12V/10mA
- **Dimensions**   285 x 121 mm
- **Power Consumption**   +5 V @ <380 mA
  +50*n (mA) (*n indicate the number of relays)
  +12 V @ <240 mA
  +70*n (mA) (*n indicate the number of relays)

Ordering Information

- **PCLD-8751**   48-Channel Opto-isolated Digital Input Board

Ordering Information

- **PCLD-8761**   24-Channel Opto-isolated D/I and 24-Channel Relay (SPDT) output Board

1 Software
2 IPPC
3 TPC
4 FPM
5 ATM & AWS
6 DA&C
7 cPCI
8 ADAM-3000
9 Motion Control
10 ICOM
11 eConnectivity
12 UNO
13 ADAM-4000
14 ADAM-5000
15 ADAM-6000
16 ADAM-8000
17 BAS