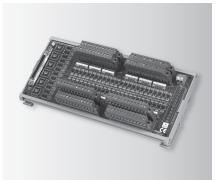
PCLD-8751 PCLD-8761 PCLD-8762

48-ch Opto-Isolated Digital Input Board

24-ch Opto-Isolated DI and 24-ch Relay Output Board

48-ch Relay Output Board







C E FCC



Features

PCLD-8751

- 48 optically-isolated digital input channels
- · Built-in plug-in screw terminals for easier 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

Specifications

Digital Input

Channels Contact Mode 48 isolated digital inputs Wet contact

Dry contact (set by switch)

 Isolation Voltage Logic Modes

3,500 V Positive Logic Negative Logic

(set by jumper)

 $0 \sim 30 \text{ V}$ Signal Voltage

VIH (MIN): 4 V, VIL (MAX): 1 V

General

Certification

CE. FCC

Connectors

Cable: SCSI-68 pin Signals: Plug-in screw terminals (#14 - 24 AWG) 255 x 121 mm

Dimensions LED Indicators

(10.04" x 4.76") One for each channel to indicate logic status

Mounting

DIN-rail

Ordering Information

PCLD-8751

ADVANTECH

48-ch Opto-isolated Digital Input Board

Features

- Built-in plug-in screw terminals for easier 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

Digital Input

Channels

Contact Mode

Digital Input

Isolation Voltage Logic Mode

(IDI and Relay are independent)

24 IDI with LED

Wet contact and dry contact for each IDI (set by switch) 0 ~ 30 V VIH (MIN): 4 V, VIL (MAX): 1V 3,500 V (Isolated DI), 1,500V

(Relay) Positive Logic Negative Logic (set by jumper)

Relay Output

Channels **Contact Rating**

Contact Resistance

Electrical Endurance

Mechanical Endurance

Operation Time **Release Time**

30 V_{DC} @ 1 A, 120 V_{AC} @ 0.5 A 100 mQ 5 x 107 times at 12 V/10 mA 108 times

24 SPDT (Form C)

5 ms Max 6 ms Max

General

Certification Connectors Cable: SCSI-68 pin

Dimensions

Mounting **Power Consumption**

Power Selection

CE, FCC

Signals: Plug-in screw terminals (#14 - 24 AWG) 285 x 121 mm (11.22" x 4.76")

DIN-rail +5 V @ < 380 mA +50*n (mA)

+12 V @ < 240 mA +70*n (mA) (*n indicate the number of

PCI Bus or External power (7 ~ 30 V) by jumper

Ordering Information

PCLD-8761

24-ch Opto-isolated DI and 24-ch Relay (SPDT) Output Board

Features

- Built-in plug-in screw terminals for easier wiring
- . LED status indicators for Relay output
- DIN-rail mounting
- Onboard relay driver circuits

Specifications

Relay Output

Channels 48 SPDT (Form C) Contact Rating 30 V_{DC} @ 1 A, 120 V_{AC} @ 0.5 A

 Contact Resistance $100\,\text{m}\Omega$

Electrical Endurance 5 x 10⁷ times at 12 V/10

mΑ

 Mechanical 108 times Endurance

 Operation Time 5 ms Max Release Time 6 ms Max

General

 Certification CE, FCC

Connectors Cable: SCSI-68 pin

Signals: Plug-in screw terminals (#14 - 24 AWG)

Dimensions 285 x 117 mm (11.22" x 4.61")

DIN-rail Mounting

Power Input Unregulated 7 ~ 30 V_{DC} 7 V @ 1.8 A, Power Consumption

30 V @ 0.45 A (External power supply is

required)

Ordering Information

PCLD-8762

48-ch Relay (SPDT) Output Board



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