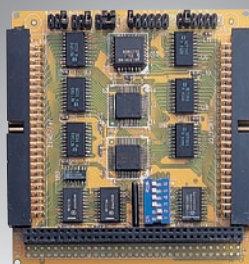


# PCM-3724

## 48-Channel Digital I/O Module

# PCM-3725

## 8-ch IDI and 8-ch Relay Output Module



PCM-3724



### Features

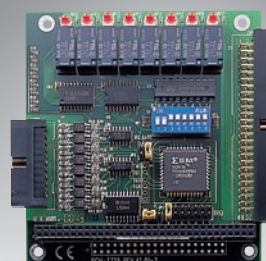
- Output status read back
- Channels simulate 8255 PPI mode 0
- Interrupt triggering, rising/falling edge

### Specifications

General	
Channels	48 digital I/O channels
Throughput	300 kbps typical; 400 kbps max.
Input Voltage	Logic 0: 0.8 V max. Logic 1: 2.0 V min.
Output Voltage	Logic 0: 0.5 V max. @ 24 mA (sink) Logic 1: 2.0 V min. @ 15 mA (source)
Mechanical and Environmental	
Dimension (L x W)	96 x 90 mm (3.8" x 3.5")
Weight	0.084 kg (0.185 lb)
Temperature	Operating: 0 ~ 60° C (32 ~ 140° F) Storage: -40 ~ 85° C (-40 ~ 185° F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	
Power Supply Voltage	+5 V, ±5 % tolerance on power supply

### Ordering Information

P/N	Description
PCM-3724	48-channel digital I/O module (cable not included)
ADAM-3950	50-pin flat cable wiring terminal for DIN-Rail mounting
PCLD-785B	24-channel relay output board
PCLD-782B	24-channel opto-isolated digital input board
PCL-10150-1.2	50-pin flat cable, 1.2 m



PCM-3725



### Features

- LED indicators to show activated relays
- Interrupt handling capability

### Specifications

General	
Channels	Opto-Isolated 8 DI channels
Over-voltage Protect	70 V <sub>DC</sub>
Isolation Voltage	2500 V <sub>DC</sub>
Isolator Response Time	25 µs
Channels	8-ch SPDT (Form C) relays
Nominal Switch	1.5 A @ 30 V <sub>DC</sub>
Switching Power	45 W max.
Switching Voltage	220 VDC max.
Switching Current	1.5 A max.
Breakdown Voltage	2000 Vrms for 1 min.
Isolated DI Connector	20-pin post header
Relay Output Connector	50-pin post header
Power	
Power Consumption	100 mA @ +5 V (typical); 280 mA @ +5 V (max)

### Ordering Information

P/N	Description
PCM-3725	8-ch Isolated Digital Input and 8-ch Relay Output Module, user's manual and driver CD-ROM (cable not included)
PCL-10120-1/2	20-pin Flat Cable 1/2 m
PCL-10150-1.2	50-pin Flat Cable 1.2 m
ADAM-3920	20-pin Flat Cable Wiring Terminal for DIN-Rail
ADAM-3950	50-pin Flat Cable Wiring Terminal for DIN-Rail
PCLD-780	Screw-Terminal Board for 20-pin Flat Cable