

[DIGITAL I/O] Compact PCI

Wiring distance may vary depending on the product specifications and application environment. Please choose an appropriate cable.

Opto-Isolated Digital Input

PI-64L(CPCI)

Compact PCI **Input 64** Isolated



Includes API-PAC(W32) [API Function Library]

SPECIFICATIONS

Input channels	64
Output channels	-
I/O Circuit	
Signal level	12~24VDC (±15%) (4mA/12V~8mA/24V per point)
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	4 input signals combine to one interrupt request signal as INTA
Resistance	3kΩ
Output specifications	
Type	-
Rating	-
Response time	1msec (max)

FEATURES

- ★ 64 points opto-isolated input with superb noise resistance (12 to 24VDC)
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment compatible with PI-64L(PCI)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	5VDC 300mA (max)
PCI bus / Dimensions	Compact PCI / 3U x 4HP
Connector	96-pin Half Pitch (male)
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32)
Accessories	DTP-3(PC)*1, DTP-4(PC)*1, DTP-64(PC) *2, EPD-96 *2, CCB-96 *2, CM-32(PC)E *1, CM-64(PC)E *2
Cables / Connectors	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS

*1: Requires use of optional cable PCB96WS
*2: Requires use of optional cable PCB96PS

Opto-Isolated Digital Output

PO-64L(CPCI)

Compact PCI **Output 64** Isolated



Includes API-PAC(W32) [API Function Library]

SPECIFICATIONS

Input channels	-
Output channels	64
I/O Circuit	
Signal level	12~24VDC (±15%)
Internal power	-
Input specifications	
Type	-
Interrupts	-
Resistance	-
Output specifications	
Type	Opto-Isolated Open Collector (Current sinking type)
Rating	35VDC 100mA
Response time	1msec (max)

FEATURES

- ★ 64 points opto-isolated open collector output (35VDC, 100mA)
- ★ Provides information on the state of the current output data without affecting that data
- Connector pin assignment compatible with PO-64L(PCI)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	5VDC 300mA (max)
PCI bus / Dimensions	Compact PCI / 3U x 4HP
Connector	96-pin Half Pitch (male)
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32)
Accessories	DTP-3(PC)*1, DTP-4(PC)*1, DTP-64(PC) *2, EPD-96 *2, CCB-96 *2, CM-32(PC)E *1, CM-64(PC)E *2
Cables / Connectors	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS

*1: Requires use of optional cable PCB96WS
*2: Requires use of optional cable PCB96PS

Opto-Isolated Digital I/O

PIO-32/32L(CPCI)

Compact PCI **Input 32** **Output 32** Isolated



Includes API-PAC(W32) [API Function Library]

SPECIFICATIONS

Input channels	32
Output channels	32
I/O Circuit	
Signal level	12~24VDC (±15%) (4mA/12V~8mA/24V per point)
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	4 input signals combine to one interrupt request signal as INTA
Resistance	3kΩ
Output specifications	
Type	Opto-Isolated Open Collector (Current sinking type)
Rating	35VDC 100mA
Response time	1msec (max)

FEATURES

- ★ 32 points opto-isolated input, 32 points opto-isolated open collector output
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment compatible with PIO-32/32L(PC)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	5VDC 300mA (max)
PCI bus / Dimensions	Compact PCI / 3U x 4HP
Connector	96-pin Half Pitch (male)
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP
Accessories	DTP-3(PC)*1, DTP-4(PC)*1, DTP-64(PC) *2, EPD-96 *2, CCB-96 *2, CM-32(PC)E *1, CM-64(PC)E *2
Cables / Connectors	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS

*1: Requires use of optional cable PCB96WS
*2: Requires use of optional cable PCB96PS