

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

Opto-Isolated Digital Input

PI-128L(PCI)

PCI Input 128 Isolated



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

FEATURES

- ★ 128 inputs on a PCI short-size board
- ★ Fast response time (within 200 μ secs) / Power saving design
- ★ 16 interrupts featuring Digital Filter Function
- Conversion cables (100- to 96-pin half pitch) available

SPECIFICATIONS

Input channels	128
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	16 input signals combine to one interrupt request signal as INTA
Resistance	4.7k Ω
Output specifications	
Type	-
Rating	-
Response time	200 μ sec (max)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 500mA (max)
PCI bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	HDRA-E100W1L-FDT1EC-SL [HONDA Tshushin Kogyo] or equivalent
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	EPD-96 *1, DTP-64(PC)*1 CM-64(PC)E *1
Cables / Connectors	PCA100P, PCB100/96PS, PCB100WS

*1: Requires use of optional cable PCB100/96PS

Opto-Isolated Digital Input with On-Board 12V Power Supply

PI-32B(PCI)H

New PCI Input 32 Isolated Power on board



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

FEATURES

- ★ On-board battery (12VDC 240mA) to drive the input circuit photocoupler
- ★ Fast response time (within 200 μ secs)
- ★ All input signals can be used as interrupts
- ★ Digital filter and interrupt trigger edge can be set via software

SPECIFICATIONS

Input channels	32
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	12VDC 240mA
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupt	32 input signals combine to one interrupt request signal as INTA
Resistance	4.7k Ω
Output specifications	
Type	-
Rating	-
Response time	200 μ sec

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 300mA-max (External), +5VDC 1200mA-max (On-board)
PCI bus /	32bit, 33MHz, 5V or 3.3V*2 /
Dimensions (mm)	176.41(L) x 105.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *1, EPD-37 *1, CM-32(PC)E *1
Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS, CN5-D37M

*1: Requires use of optional cable PCB36P or PCB37PS
*2: +5V power must be supplied from PCI bus slot.

Opto-Isolated Digital Input with On-Board 12V Power Supply

PI-32B(PCI)

PCI Input 32 Isolated Power on board



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

FEATURES

- ★ On-board battery (12VDC 240mA) to drive the input circuit photocoupler
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment is compatible with PI-32B(PC)H

SPECIFICATIONS

Input channels	32
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	12VDC 240mA
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	4 input signals combine to one interrupt request signal as INTA
Resistance	3k Ω
Output specifications	
Type	-
Rating	-
Response time	200 μ sec (max)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 300mA-max (External), +5VDC 1200mA-max (On-board)
PCI bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *1, EPD-37 *1, CM-32(PC)E *1
Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS, CN5-D37M

*1: Requires use of optional cable PCB36P or PCB37PS