
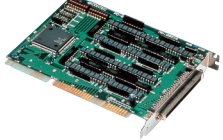






Digital I/O

- Box-PCs
- Panel-PCs
- Flat Panel Displays
- Silicon Disk Drives
- Option
- Box PCs & Panel PCs with Windows CE
- Single Board Computer
- Chassis / Backplane
- Analog I/O
- Digital I/O**
- Counter & Motion Controller
- Serial Communication
- GPIO Communication
- Remote I/O
- Expansion Unit / Bus Adapter
- Software
- Accessories & Cables
- Distributed Monitor & Control Network: F&EIT
- Multi-Programmable Display
- Wireless LAN
- Remote Monitoring Solution
- Service & Products

ISA	Model	Opto-Isolated Digital Output Board		Opto-Isolated Digital Output Board with On-Board 12V Power Supply
		PO-32L(PC)V	PO-64L(PC)	PO-32B(PC)H
				
				
SPECIFICATIONS				
Input channels		-		
Output channels		32	64	32
I/O Circuit	Signal level	12-24VDC		
	Internal power	-		
Input specifications	Type	-		
	Interrupt	-		
	Resistance	-		
Output specifications	Type	Opto-Isolated Open Collector (current sinking type)		
	Rating	35VDC 100mA	35VDC 150mA	35VDC 100mA
Expansion function		-	Yes	-
Response time (Max.)		1msec		
Wiring Distance		50m		
I/O address	4 ports occupation		Any 8-byte boundary (general) Any 16-byte boundary (optional)	
	4 ports occupation		4 ports occupation	
Power consumption (Max.)	5VDC 50mA		5VDC 250mA	
	5VDC 50mA (External) 5VDC 800mA (On-board)		5VDC 800mA (On-board)	
Bus / Dimensions (mm)		ISA AT Bus / 163.0(L) x 122.0(H) viz. 6.5"(L) x 4.75"(H)		
Connector		37-pin female D-type	96-pin half pitch connector (male)	37-pin female D-type
Software		API-PAC(W32)		
Options	Accessories	DTP-3A*1, DTP-4A*1, EPD-37A*1, EPD-37*1, CM-32(PC), CM-32(PC)E*1	DTP-3A*2, DTP-4A*2, DTP-64(PC)*3, EPD-96*3, EPD-96A*3, CCB-96*3, CM-32(PC)*2, CM-64(PC)E*3	DTP-3A*1, DTP-4A*1, EPD-37A*1, EPD-37*1, CM-32(PC), CM-32(PC)E*1
	Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS	PCA37P, PCB37P, PCA37PS, PCB37PS
	CE marking	○	○	○
*1: Requires use of optional cable PCB37P or PCB37PS. *2: Requires use of optional cable PCB96W or PCB96WS. *3: Requires use of optional cable PCB96P or PCB96PS.				

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ISA	Model	Negative-Common Opto-Isolated Digital Output Board	TTL-Level Digital Output Board	Opto-Isolated Digital Output Board with On-Board 12V Power Supply
		PO-32RL(PC)	PO-32T(PC)H	PO-64T(PC)
				
				
SPECIFICATIONS				
Input channels		-		
Output channels		32	64	64
I/O Circuit	Signal level	12-24VDC		5VDC
	Internal power	-		
Input specifications	Type	-		
	Interrupt	-		
	Resistance	-		
Output specifications	Type	Opto-Isolated (current sourcing type)	Open collector output (negative logic), TTL	TTL Open collector
	Rating	35VDC 150mA	5VDC 40mA	30VDC 40mA
Expansion function		-	-	Yes
Response time (Max.)		1msec	200nsec	-
Wiring Distance		50m	1.5m	-
I/O address	4 ports occupation		Any 8-byte boundary (general) Any 16-byte boundary (optional)	
	4 ports occupation		4 ports occupation	
Power consumption (Max.)	5VDC 300mA		5VDC 550mA	
	5VDC 300mA		5VDC 250mA	
Bus / Dimensions (mm)		ISA AT / 6.5"(L) x 4.75"(H)	ISA XT / 5.5"(L) x 4.25"(H)	ISA AT / 6.5"(L) x 4.75"(H)
Connector		37-pin female D-type	96-pin half pitch connector (male)	96-pin half pitch connector (male)
Software		API-PAC(W32)		
Options	Accessories	DTP-3A*1, DTP-4A*1, EPD-37A*1, EPD-37*1	DTP-3A*2, DTP-4A*2, EPD-37A*1, EPD-37*1, CM-32(PC), CM-32(PC)E*1	DTP-3A*2, DTP-4A*2, DTP-64(PC)*3, EPD-96*3, EPD-96A*3, CCB-96*3, CM-32(PC)*2, CM-64(PC)E*3
	Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS	PCA37P-1.5, PCB37P-1.5, PCA37PS-0.5P/1.5P, PCB37PS-0.5P/1.5P	PCA96P-1.5, PCB96P-1.5, PCB96W-1.5, PCA96PS-0.5/1.5, PCB96PS-0.5/1.5, PCB96WS-1.5P
	CE marking	○	○	○
*1: Requires use of optional cable PCB37P or PCB37PS. *2: Requires use of optional cable PCB96W or PCB96WS. *3: Requires use of optional cable PCB96P or PCB96PS.				