
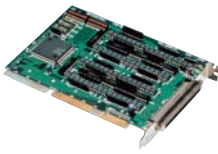



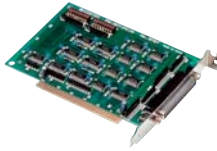



ISA	Model	Opto-Isolated Digital Output Board		Opto-Isolated Digital Output Board with On-Board 12V Power Supply	High speed Opto-Isolated TTL Digital Output Board with On-Board 5V Power Supply
		PO-32L(PC)V	PO-64L(PC)	PO-32B(PC)H	PO-32TB(PC)
					
Specification					
Input channels		-			
Output channels		32	64	32	
I/O Circuit	Signal level	+12~24VDC		+5VDC	
	Internal power	-		+12VDC 250mA	+5VDC 250mA
Input specification	Input type	-			
	Interrupt	-			
	Input resistance	-			
Output specification	Output type	Opto-Isolated Open Collector Output (current sinking type) (Negative logic)			Opto-Isolated TTL (negative logic)
	Output rating	+35VDC 100mA			+5VDC 6.4mA
Expansion function		-	Yes	-	
Response time (Max.)		1msec		1 μsec	
Maximum distance		50m		30m	5m
I/O address		4 ports occupation	Any 8-byte boundary (normal) Any 16-byte boundary (optional)	4 ports occupation	
Power consumption (Max.)		+5VDC 50mA		+5VDC 50mA (External power) +5VDC 800mA (On-board power)	+5VDC 440mA (External power) +5VDC 900mA (On-board power)
Bus / Dimension (mm)		AT Bus / 163.0(L) x 122.0(H)			
Connector		37-pin female D-type	96-pin half pitch connector (male)	37-pin female D-type	
Option	Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)601, DDE SERVER(W32)		ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)602, DDE SERVER(W32)	
	Accessories	DTP-3(PC), DTP-4(PC), EPD-37 *1, CM-32(PC), CM-32(PC)E *1		DTP-3(PC) *2, DTP-4(PC) *2, DTP-64 *3, EPD-96 *3, CCB-96 *3, CM-32(PC) *2, CM-64(PC)E *3	
	Cables / Connector	PCA37P, PCB37P, PCA37PS, PCB37PS		PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS	
CE marking		○		○	

*1: Option cable of PCB37P or PCB37PS is required.
 *2: Option cable of PCB96W or PCB96WS is required.
 *3: Option cable of PCB96P or PCB96PS is required.

ISA	Model	Negative-Common Opto-Isolated Digital Output	TTL-Level Digital Input Board	PO-64T(PC)
		PO-32RL(PC)	PO-32T(PC)H	
				
Specification				
Input channels		-		
Output channels		32		64
I/O Circuit	Signal level	+12~24VDC		+5VDC
	Internal power	-		
Input specification	Input type	-		
	Interrupt	-		
	Input resistance	-		
Output specification	Output type	Opto-Isolated Output (current sourcing type)	Open collector output (negative logic), TTL	Open collector output
	Output rating	+35VDC 150mA	+5VDC 40mA	+30VDC 40mA
Expansion function		-		
Response time (Max.)		1msec	200nsec	
Maximum distance		50m	1.5m	
I/O address		4 ports occupation		Any 8-byte boundary (normal) Any 16-byte boundary (optional)
Power consumption (Max.)		+5VDC 300mA	+5VDC 550mA	+5VDC 250mA
Bus / Dimension (mm)		AT Bus / 163.0(L) x 122.0(H)		XT Bus / 143.0(L) x 107.0(H)
Connector		37-pin female D-type		96-pin half pitch connector (male)
Option	Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)601, DDE SERVER(W32)		ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)602, DDE SERVER(W32)
	Accessories	DTP-3(PC), DTP-4(PC), EPD-37 *1		DTP-3(PC) *2, DTP-4(PC) *2, DTP-64 *3, EPD-96 *3, CCB-96 *3, CM-32(PC) *2, CM-64(PC)E *3
	Cables / Connector	PCA37P, PCB37P, PCA37PS, PCB37PS		PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS
CE marking		○		○

*1: Option cable of PCB37P or PCB37PS is required.
 *2: Option cable of PCB96W or PCB96WS is required.
 *3: Option cable of PCB96P or PCB96PS is required.