



4 pt. 24VDC In/4 pt. 24VDC Out Sinking Module

Delivery Code
STK

Module Specifications			
DC Power Supply Specs	Voltage Range		
	Number of Inputs	4 (sink/source)	
	Input Voltage Range	10-28 VDC	
	Peak Voltage	40 VDC	
	Input Current	1.92 mA @ 12 VDC 4.0 mA @ 24 VDC	
	Maximum Input Current	5 mA @ 28 VDC	
	Input Impedance	5.6k @ 10-28 VDC	
	ON Voltage Level	> 10 VDC	
	OFF Voltage Level	< 2 VDC	
	Min. ON Current	1.5 mA	
	Min. OFF Current	0.2 mA	
	OFF to ON Response	2-4 ms, typical 3 ms	
	ON to OFF Response	2-4 ms, typical 3 ms	
	Status Indicators	Red LED for each output	
	Commons	1 point	
	Fuse	No Fuse	
	Base Power Required (3.3V)	Typical 8 mA (all inputs on)	
	Optical Isolation	2500 Volt	
	Wires	1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG	
DC Input Specs	Number of Outputs	4 sinking	
	Peak Voltage	50.0 VDC	
	Maximum Steady State Output Current	0.5A per output, 1.4A max per module @ 50°C	
	Maximum Leakage Current	100µA @ 50 VDC @ 50°C	
	ON Voltage Drop	1.5 VDC @ 0.5A	
	Maximum Inrush Current	1.0A for 10ms	
	OFF to ON Response	< 2µs	
	ON to OFF Response	<10µs	
	Status Indicators	Red LED for each output	
	+V Terminals & Commons	One V+, 1 Common	
	Short Circuit Protection	1.4 Amp per module, turns off outputs upon short circuit detection	
	Base Power Required (3.3V)	20mA, all outputs on	
	Optical Isolation	2500 Volt	
	Wires	1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG	
	DC Output Specs	Number of Outputs	4 sinking
		Peak Voltage	50.0 VDC
Maximum Steady State Output Current		0.5A per output, 1.4A max per module @ 50°C	
Maximum Leakage Current		100µA @ 50 VDC @ 50°C	
ON Voltage Drop		1.5 VDC @ 0.5A	
Maximum Inrush Current		1.0A for 10ms	
OFF to ON Response		< 2µs	
ON to OFF Response		<10µs	
Status Indicators		Red LED for each output	
+V Terminals & Commons		One V+, 1 Common	
Short Circuit Protection		1.4 Amp per module, turns off outputs upon short circuit detection	
Base Power Required (3.3V)		20mA, all outputs on	
Optical Isolation		2500 Volt	
Wires		1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG	

EZIO-4DCI4DCON



Terminal Block
300 Volt/10 Amp/
14AWG UL Rating

Pinout Information	
Pin No.	EZIO-4DCI4DCON
1	Input(1)
2	Input(2)
3	Input(3)
4	Input(4)
5	COM
6	Output(1)
7	Output(2)
8	Output(3)
9	Output(4)
10	GND
11	Customer_Supply(+VS)

