



# 4 pt. 24VDC In/4 pt. 24VDC Fast Input Module with Interrupt

**EZIO-4DCI4DCIF**



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

Module Specifications		
DC Power Supply Specs	Voltage Range	
	Optical Isolation	2500 Volt
	Wires	1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG
	Number of Inputs	4 (sink/source)
DC Input Specs (Standard)	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
	Base Power Required (3.3V)	Typical 3.5 mA (all inputs on)
	DC Input Specs (Fast)	Number of Inputs
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		0.2-0.4 ms, typical 0.3 ms For Inputs 5,6 and 7
ON to OFF Response		0.2-0.4 ms, typical 0.3 ms For Inputs 5,6 and 7
Interrupt		Low pass filter of 20µs, 60µs typical response time from input interrupt, 1 rung of processing and output activation, For Input # 8
Status Indicators		Red LED for each output
Commons		1 point
Fuse	No Fuse	
Base Power Required (3.3V)	Typical 3.5 mA (all inputs on)	

Pinout Information	
Pin No.	EZIO-4DCI4DCIF
1	Input(1)
2	Input(2)
3	Input(3)
4	Input(4)
5	GND
6	Fast Input(5)
7	Fast Input(6)
8	Fast Input(7)
9	Fast Input(8) - Interrupt
10	GND
11	Not Connected

