

Tough I/O™
Director 1050

4 pt. 230VAC In, 4 pt. 230VAC Out Module

Conformal Coated



UTIO-4ACI4ACO2

Tough I/O

Module Specifications		
AC Power Supply Specs	Voltage Range	
	Number of Inputs	4
AC Input Specs	Input Voltage Range	180-260 VAC
	AC Frequency	47-63 Hz
	Peak Voltage	500 Volt
	Input Current	0.5mA @ 230 VAC
	Maximum Input Current	0.6mA @ 260 VAC
	Input Impedance	400K minimum
	ON Voltage Level	180 VAC
	OFF Voltage Level	120 VAC
	OFF to ON Response	< 10ms
	ON to OFF Response	< 10ms
	Status Indicators	Red LED for each input
	Commons	1 Common
	Fuse	No fuse
	Base Power Required (3.3V)	20mA for all 4 on
	Optical Isolation	2500 Volt
Wires	1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG	
AC Output Specs	Number of Output Points	4
	Number of Commons	1
	Output Voltage Range	180-260 VAC
	Peak Voltage	500 Volt
	ON Voltage Drop	1.2 V @ 1A
	Maximum Current	1.2 A @ 25°C, 0.6A @ 60°C for each output
	Maximum Leakage Current	1mA @ 260 VAC
	Maximum Inrush Current	38Amps for 16.6ms
	Minimum Load	15mA
	OFF to ON Response	max 1/2 cycle
	ON to OFF Response	max 1/2 cycle
	Fuse	No fuse
	Base Power Required (3.3V)	35mA for all 4 on
	Optical Isolation	2500 Volt
	Wires	1 of 14 AWG, 2 of 18 AWG, 4 of 22 AWG

Pinout Information	
Pin No.	UTIO-4ACI4ACO2
1	Input(1)
2	Input(2)
3	Input(3)
4	Input(4)
5	AC_Common
6	Output(1)
7	Output(2)
8	Output(3)
9	Output(4)
10	AC_Common
11	Not Connected

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

