

5.19 Universal Input/Output Phase 2 IOTA Models CC-TUIO31 and CC-TUIO41

Series C UIO-2 9 inch, non-redundant IOTA is displayed.

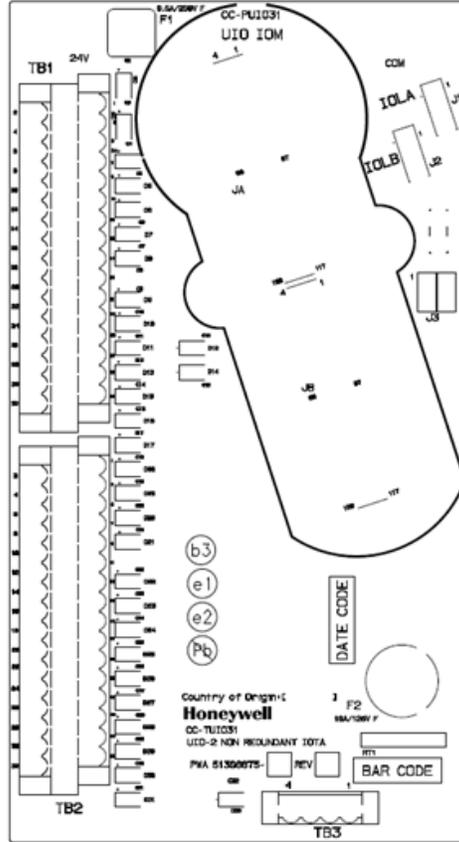


Figure 85: Universal Input/Output Module, 9 inch, non-redundant IOTA

- ! **Attention**
 - The non-redundant UIO-2 IOTA accommodates only one UIO-2 module.

Series C UIO-2 12 inch, redundant IOTA is displayed.

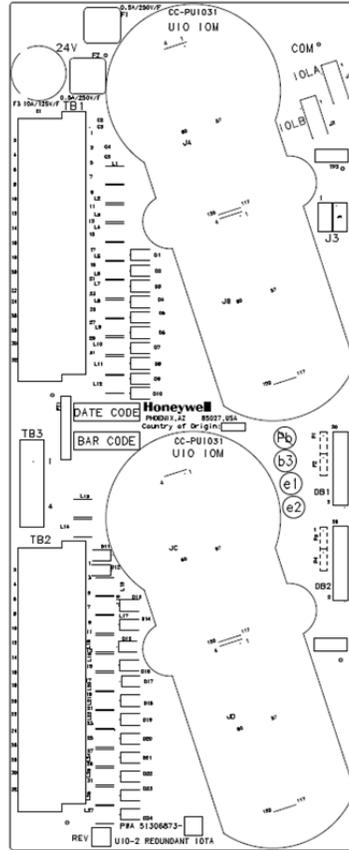


Figure 86: Universal Input/Output Module, 12 inch, redundant IOTA

To wire the module to the Series C UIO module IOTA board with terminal block 1 (TB1), terminal block 2 (TB2), and terminal block 3 (TB3), use the following tables.

Table 69: Terminal block 1

Terminal block 1		
Channel	Return screw	Power screw
Channel 1	-1	+1
Channel 2	-2	+2
Channel 3	-3	+3
Channel 4	-4	+4
Channel 5	-5	+5
Channel 6	-6	+6
Channel 7	-7	+7
Channel 8	-8	+8
Channel 9	-9	+9
Channel 10	-10	+10
Channel 11	-11	+11
Channel 12	-12	+12
Channel 13	-13	+13

Terminal block 1		
Channel	Return screw	Power screw
Channel 14	-14	+14
Channel 15	-15	+15
Channel 16	-16	+16

Table 70: Redundant - Terminal Block 2

Terminal block 2		
Channel	Return screw	Power screw
Channel 17	-17	+17
Channel 18	-18	+18
Channel 19	-19	+19
Channel 20	-20	+20
Channel 21	-21	+21
Channel 22	-22	+22
Channel 23	-23	+23
Channel 24	-24	+24
Channel 25	-25	+25
Channel 26	-26	+26
Channel 27	-27	+27
Channel 28	-28	+28
Channel 29	-29	+29
Channel 30	-30	+30
Channel 31	-31	+31
Channel 32	-32	+32

Table 71: Redundant - Terminal Block 3

Signal	Screw Number
+24V	1
+24V	2
+24V	3
+24V	4

5.19.1 UIO-2 channel configured as Analog Input

The UIO IOM/IOTA is optimized for use with 2-wire, 3-wire or 4-wire transmitters. All 32 channels can accept inputs from most 2-wire, 3-wire or 4-wire transmitters without any special wiring.

The following are the items that UIO AI directly supports.

- 4-20mA / 0-20mA Current Inputs
- Devices that accept Honeywell 24V power to power a 0/4-20mA current source and (optionally) the device.
- Devices that return the current to the ground terminal of the Honeywell 24V power supply.
- External devices that can moderate non-compliant devices. For example: 'moderators' = current mirrors, isolators, GI/IS barriers, mv-to-I, and so on.