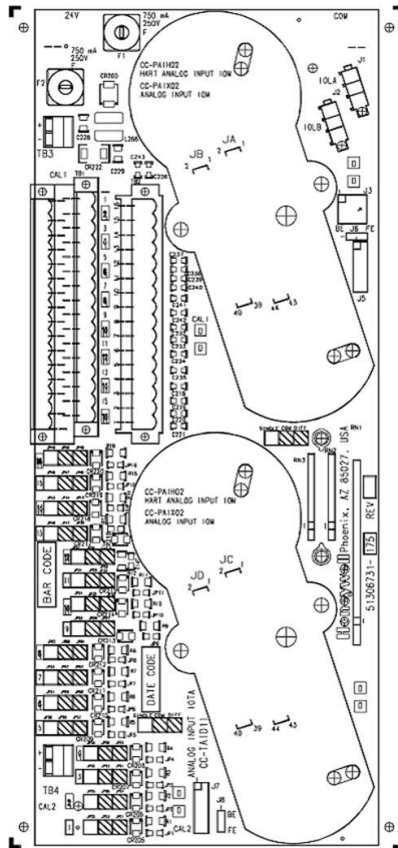


Terminal Block 2			
CC-TAID11 IOTA			
If TB2 screw is...	Then, the channel is...	And the pair of jumper to be short for differential configuration	And the pair of jumper to be short for single ended configuration
TB2-12	Channel 5	JP57 - JP59	JP58 - JP59
TB2-11	Channel 6	JP60, JP61 ,JP66	JP61 - JP66
TB2-10	Channel 7	JP62, JP63,JP67	JP63 - JP67
TB2-9	Channel 8	JP64, JP65, JP68	JP65 - JP68
TB2-8	Channel 9	JP27 - JP29	JP28 - JP29
TB2-7	Channel 10	JP30 - JP32	JP31 - JP32
TB2-6	Channel 11	JP33 - JP35	JP34 - JP35
TB2-5	Channel 12	JP36 - JP38	JP37 - JP38
TB2-4	Channel 13	JP39 - JP41	JP40 - JP41
TB2-3	Channel 14	JP42 - JP44	JP43 - JP44
TB2-2	Channel 15	JP45 - JP47	JP46 - JP47
TB2-1	Channel 16	JP48 - JP50	JP49 - JP50

The Series C Analog Input 12 inch, non-redundant IOTA is displayed in the following figure.

Table 32: Series C Differential Analog Input 12 inch, redundant IOTA



5.5 Analog Output IOTA Models CC-TAOX01, CC-TAOX11, CC-TAON01 and CC-TAON11

This Series C Analog Output IOTA board is represented by the following information and graphics.

To access the parts information for the:

- module
- IOTA
- terminal plug-in assembly, and
- fuses

associated with this board and module, refer to Analog Output in the Recommended Spare Parts section.

5.5.1 Field wiring and module protection - Analog Output module

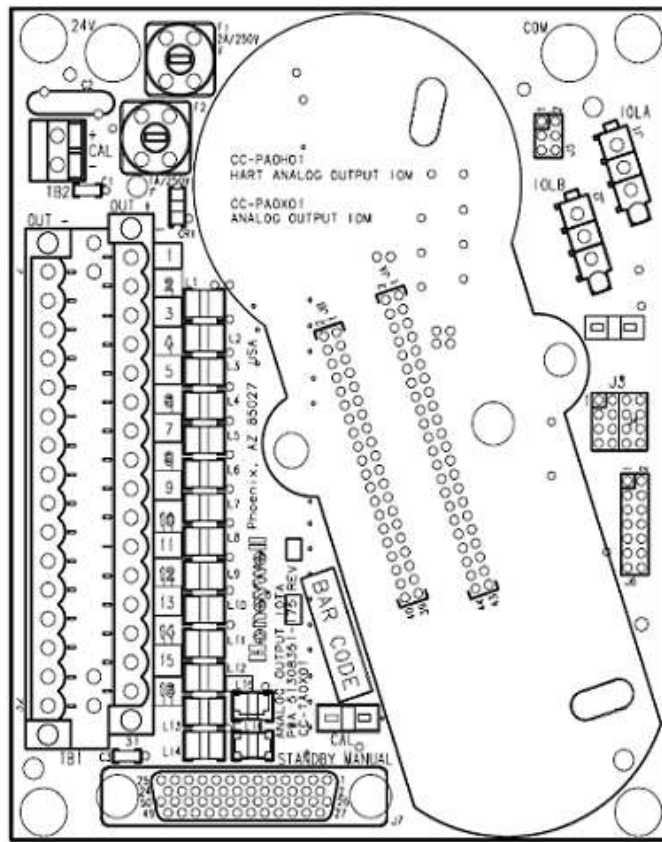
The Analog Output module provides an output current range of 0mA, and 2.9 mA through 21.1 mA based on the requested Analog Output by the Series C controller. The output current including the HART modulated signal, does not exceed 22.5mA.

- Short circuit protection of field short circuits. Protection suitable for Division 2 non-incendive / Zone 2 non-arcing.
- Each field wiring pair can be shorted together without damage to the module or IOTA. Other channels in the same module(s) will not be affected.
- A +30 Vdc source can be continuously applied across the OUT+ to OUT- terminals of the IOTA without damage to either module(s) or IOTA (i.e. with the positive lead of the source connected to OUT+ and the negative lead connected to OUT-). To prevent damage to the IOTA surge protection diodes, the current must be limited to 500 mAdc if the source is applied in the reverse polarity (i.e. with the positive lead of the source attached to OUT-, negative lead attached to OUT+). This 500 mAdc restriction does not apply in the positive polarity case.

5.5.2 IOTA board and connections - Analog Output module

Series C Analog Output 6 inch, non-redundant IOTA is displayed.

Table 33: Series C Analog Output 6 inch, non-redundant IOTA



To properly wire your module to the Series C Analog Output IOTA board with terminal block 1 (TB1), use the following table.

Table 34: AO 6 inch, non-redundant - terminal block 1

Channel	Return screw (OUT -)	Signal screw (OUT +)
Channel 1	2	1
Channel 2	4	3
Channel 3	6	5
Channel 4	8	7
Channel 5	10	9
Channel 6	12	11
Channel 7	14	13
Channel 8	16	15
Channel 9	18	17
Channel 10	20	19
Channel 11	22	21
Channel 12	24	23