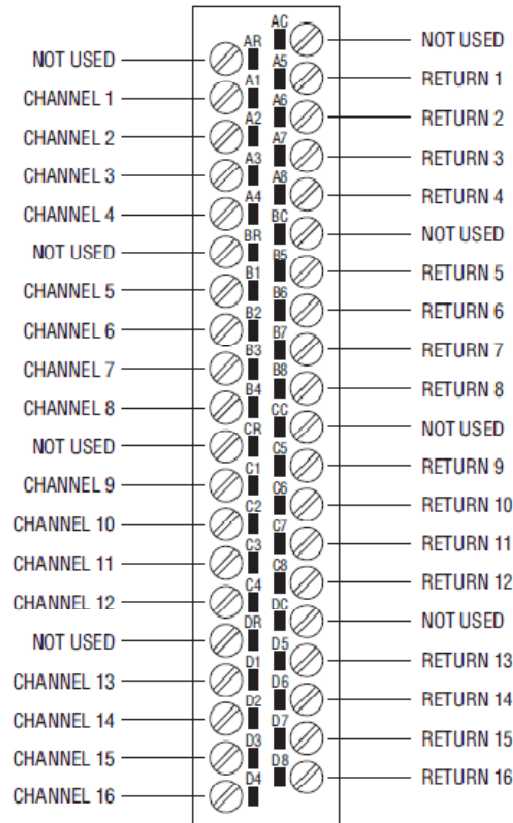


## APPLICATION NOTE: Wiring Conversion from 2091 to 2591-A



**Figure 1. 2591-A Output Connector**

The power wiring on the 2091 was wired to terminals PWR A, PWR B, PWR C and PWR D. On the 2591-A these connections must be moved to the following terminals on the 2591-A 40 pin face connector:

PWR A connects to A1, A2, A3 and A4

PWR B connects to B1, B2, B3 and B4

PWR C connects to C1, C2, C3 and C4

PWR D connects to D1, D2, D3 and D4

Note 1: You will need to Jumper A1 through A4 together, B1 through B4 together, C1 through C4 together and D1 through D4 together. In any case whatever was connected to the PWR connections will connect to A, B, C or D connections.

On the 2091 the device connections were made at terminals Y1 through Y 16 terminals. These connections will have to moved to the following connections on the 2591-A terminals:

Y1 through Y4 will move to Return 1 through Return 4 or

Y1 moves to A5, Y2 moves to A6, Y3 moves to A7 and Y4 moves to A8

Y5 through Y8 moves to Return 5 through Return 8 or

Y5 moves to B5, Y6 moves to B6, Y7 moves to B7 and Y8 moves to B8

Y9 through Y12 moves to Return 9 through Return 12 or

Y9 moves to C5, Y10 moves to C6, Y11 moves to C7 and Y12 moves to C8

Y13 through Y16 moves to Return 13 through Return 16 or

Y13 moves to D5, Y14 moves to D6, Y15 moves to D7 and Y16 moves to D8

If you place the 2591-A in the same slot as the 2091 there will be no changes in IO addressing or Base Configuration.



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