Technical Bulletin

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Applies To: The Series 3 RSC-2, SSP-D2 (LP), and SSP-LX.

Issue: When replacing or upgrading an applicable board, the position of the Reader Power Select jumper may cause the reader to lose power.

Resolution: Verify that the position of the Reader Power Select jumper is in the correct position. The Reader Power Select jumper is set depending on the voltage (Vdc) requirements of the reader. This technical bulletin will explain how moving the Reader Power Select jumper enables how much power the reader receives.

The 12V Jumper Setting

The *Reader Power Select* jumper is marked *J1* on the *RSC-2,* and *J7* on the *SSP-D2* and the *SSP-LX*. The *12V* setting is only active when an input voltage of 15.5 V or greater is detected.

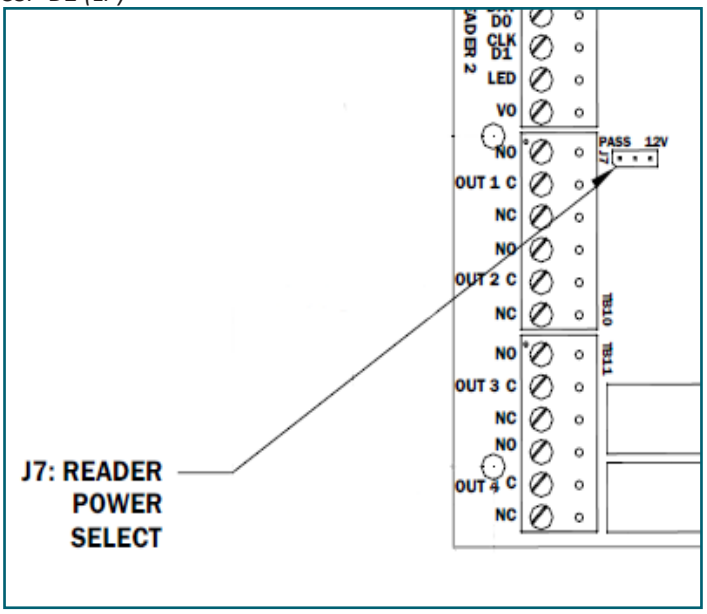
- If **24 Vdc** is applied to the board with the *Reader Power Select* jumper set to *12V*, **12 Vdc** will pass over to the reader.
- If **12 Vdc** is applied to the board with the *Reader Power Select* jumper set to *12V*, **0 Vdc** will pass over to the reader.

The PASS / PT Jumper Setting

- If **24 Vdc** is applied to the board with the *Reader Power Select* jumper set to *PASS* / *PT*, **24 Vdc** will pass through to the reader.
- If **12 Vdc** is applied to the board with the *Reader Power Select* jumper set to *PASS* / *PT*, **12 Vdc** will pass through to the reader.

CAUTION: If the jumper is set to pass through (PASS) and the board is supplied with 24 Vdc, the reader will receive the full 24 Vdc. **This will cause damage to the reader(s) if they are not capable of handling the voltage**.

SSP-D2 (LP)



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