

Application Note: Instructions for Disconnecting RSD Transmitters in PVI Wireboxes November 14, 2022 Rev 3

BACKGROUND: The following instructions describe how to disconnect RSD transmitters (e.g. Tigo, APS) in PVI wire boxes so that the signal from the RSD transmitter is not transmitted onto the DC conductors connected to the inverter.

INSTRUCTIONS:

1. Ensure the inverter's DC and AC disconnect switches are in the "OFF" position and the inverter is not operating. Wait 5 minutes and check the DC Voltage to ensure that there is no voltage. Perform any other safety procedures to ensure safe working conditions.
2. For PVI 50/60TL and PVI 25-208 RSD wire boxes, use a screwdriver to disconnect the positive (+) and negative (-) wires between the RSD transmitter and the power supply (see image below).

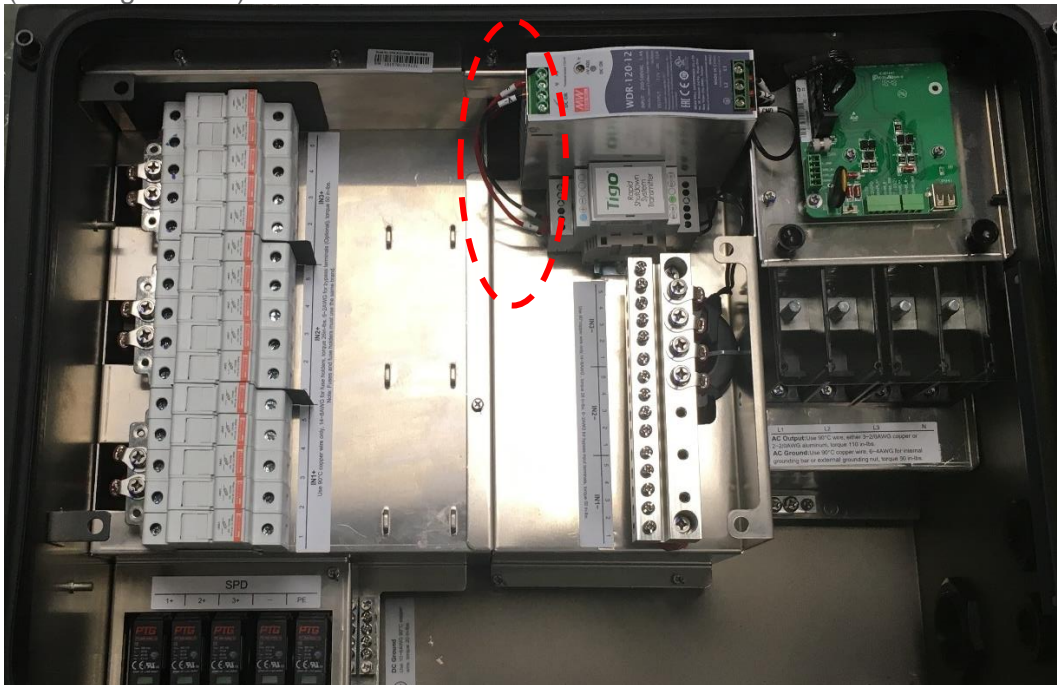


Figure-1 50/60kW RSD Wire box

3. For PVI 25TL-480 wire boxes, use a screwdriver to disconnect the two wires of the Core from the RSD Transmitter (see image below).

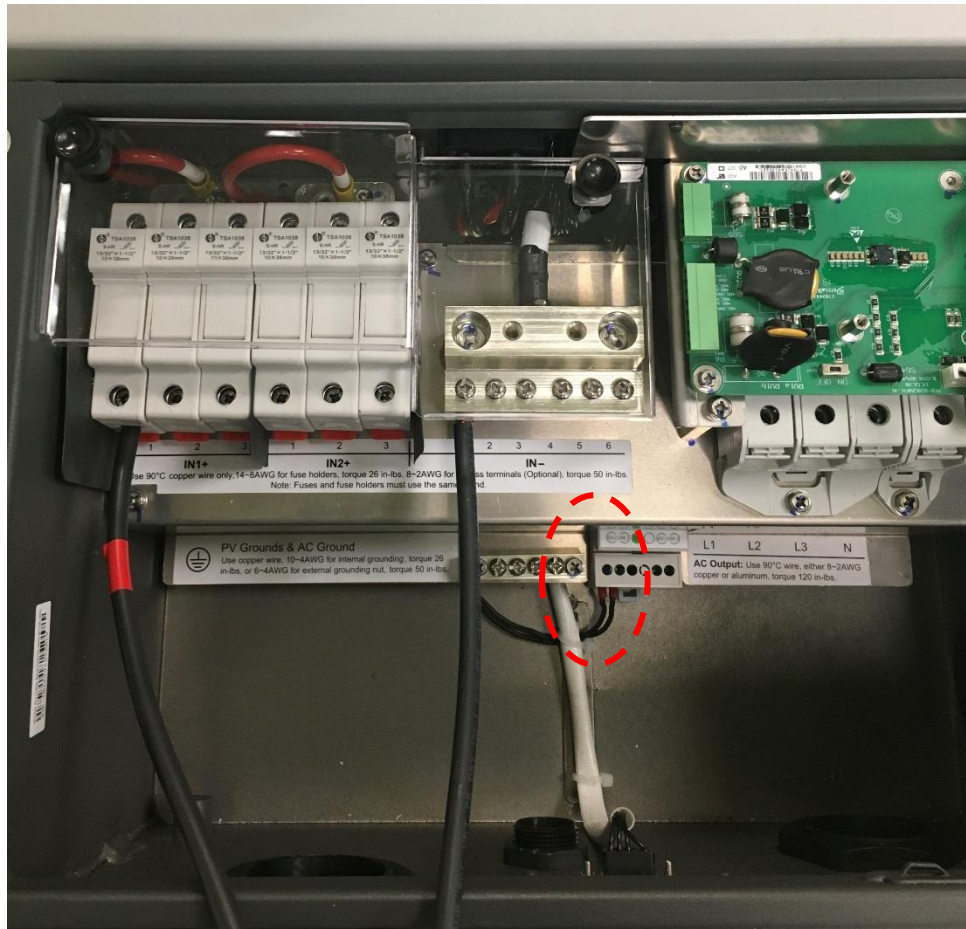


Figure-2 25kW-480V Wire box

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