NOTES:
1. Prior to any installation in a classified hazardous location, verify installation methods by the Control Drawing referenced on the product's name tag.
2. Maximum length of RS422 bus is 4000 Ft. @9600 baud using Totalflow cable P/N 2011648-001 or equivalent.
3. To access termination board, remove I.S. Junction Box front cover.

4. Redundant Ground Wires per ISA RP 12.6 Wires Must be GRN 12 AWG.
   Ground Electrode per CEC C22.1 10-700 or NEC 250-81

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SEE NOTE 4

If the BTU Transmitter is the last device on the RS-422 Bus, or if it is the only device, jumper J7 Pin-1 to Pin-2.

1 3 J7

If it is not the last device, jumper J7 Pin-2 to Pin-3 (Pin-1 is on the left, when viewing the I.S. Board).

1 3 J7

For RS-485 2-wire, jumper J8 Pin-1 to Pin-2. For RS-422 4-wire, jumper J8 Pin-2 to Pin-3.

1 3 J8

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Totalflow Cable P/N 2011648-001
Use 20 AWG shielded wire, 22 pF/ft, 14 OHMs/1000 ft

To Third Party RS-422 Device

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BTU Transmitter Housing I.S. Junction Box

I.S. Term Bd 2015605