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 RS485 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

If the BTU Transmitter is the last device on the RS-485 Bus, or if it is the only device, jumper J6 Pin-1 to Pin-2.

- 1 (****) 3 J6

If it is not the last device, jumper J6 Pin-2 to Pin-3 (Pin-1 is on the left, when viewing the I.S. Board).

- 1 (■□□) 3 J6

The Operate line is only used when Totalflow Protocol is selected. It is set High by the Listen Time setting.

To Third Party RS-485 Device

The RTS line is used with all protocols. It is set High before each message transmission by the Key Delay setting.