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 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.
   To Access Safety Barrier, remove enclosure front cover.

Hazardous Area

Non-Hazardous Area

Sealed Conduit Fittings
Or
Approved Cable Fittings

Explosion-proof Enclosure
P/N 2017329-002

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

Third Party RS-485 Device
SEE NOTE 5

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

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).

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
5. Safe Area Equipment:
   • Must have its own power
   • Must not use or generate voltage in excess of 250Vrms

REF: 2100829-VM