NOTES:

1. WARNING: This drawing does not illustrate completely the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

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
or NEC NFPA 70

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.

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).

ABB
TOTALFLOW Products
ACTION
D20092
DOC TYPE
UD
TITLE
BTU 8000 REMOTE COMM TO XFC (2100204 BD) COMM1 (RS-485)
DWG NO. 2102340
REV AC
SHEET 1 OF 1