

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.

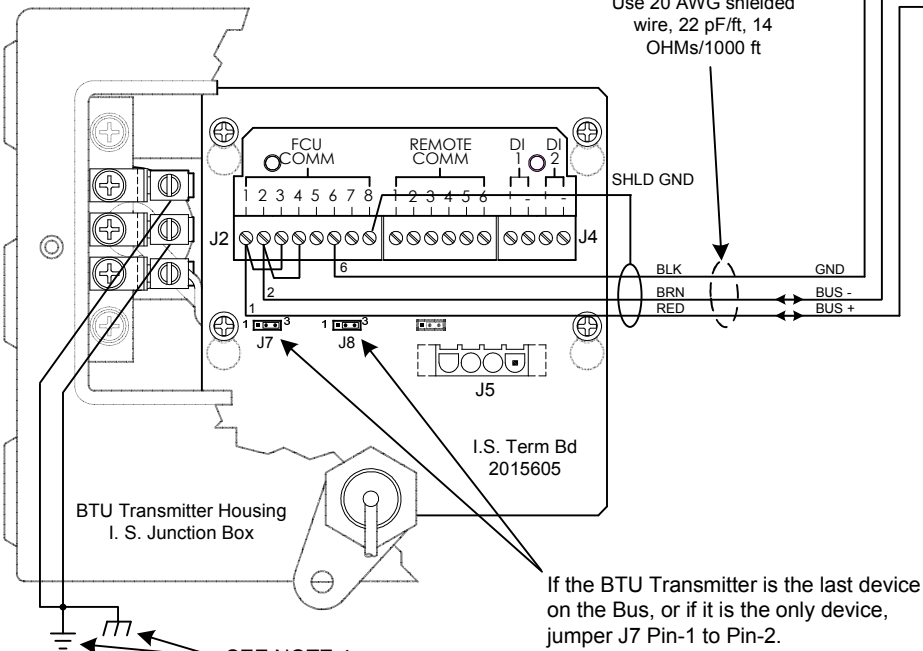
Hazardous Area

Non-Hazardous Area

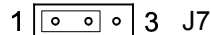
Sealed Conduit Fittings
Or
Approved Cable Fittings

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

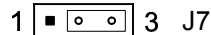
Communications Module
Totalflow P/N 2015193



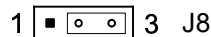
If the BTU Transmitter is the last device on the Bus, or if it is the only device, jumper J7 Pin-1 to Pin-2.



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).

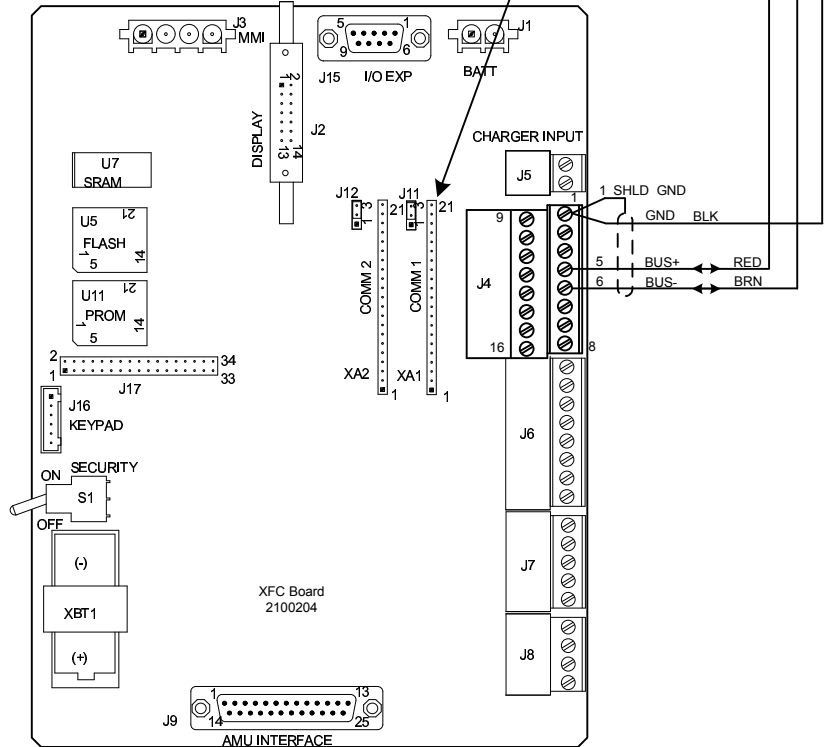


For RS-485 2-wire, jumper J8 Pin-1 to Pin-2. For RS-422 4-wire, jumper J8 Pin-2 to Pin-3



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

Enclosure



REF: N/A



TOTALFLOW
Products

ACTION
L19053

DOC TYPE
UD

TITLE
BTU8000/8100 FCU COMM PORT 2-WIRE W/
GND TO XFC (2100204 BD) COMM 1 (RS-485)

DWG NO.
2102884

REV
AA

SHEET
1 OF 1