

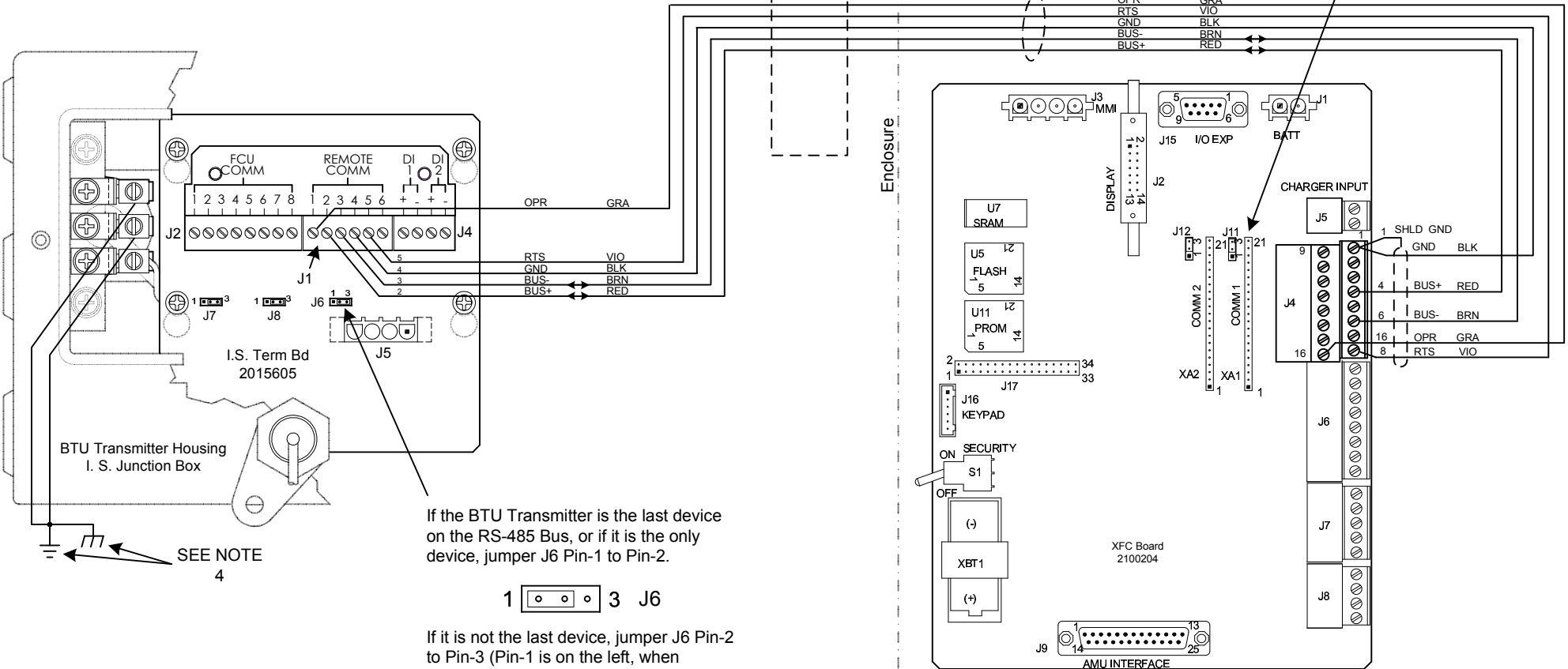
NOTES:

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.

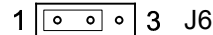
Installations in a hazardous location will require a barrier. SEE NOTE 1

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

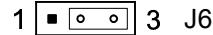
Communications Module
Totalflow P/N 2015193



If the BTU Transmitter is the last device on the 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
or NEC NFPA 70

REF: N/A

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