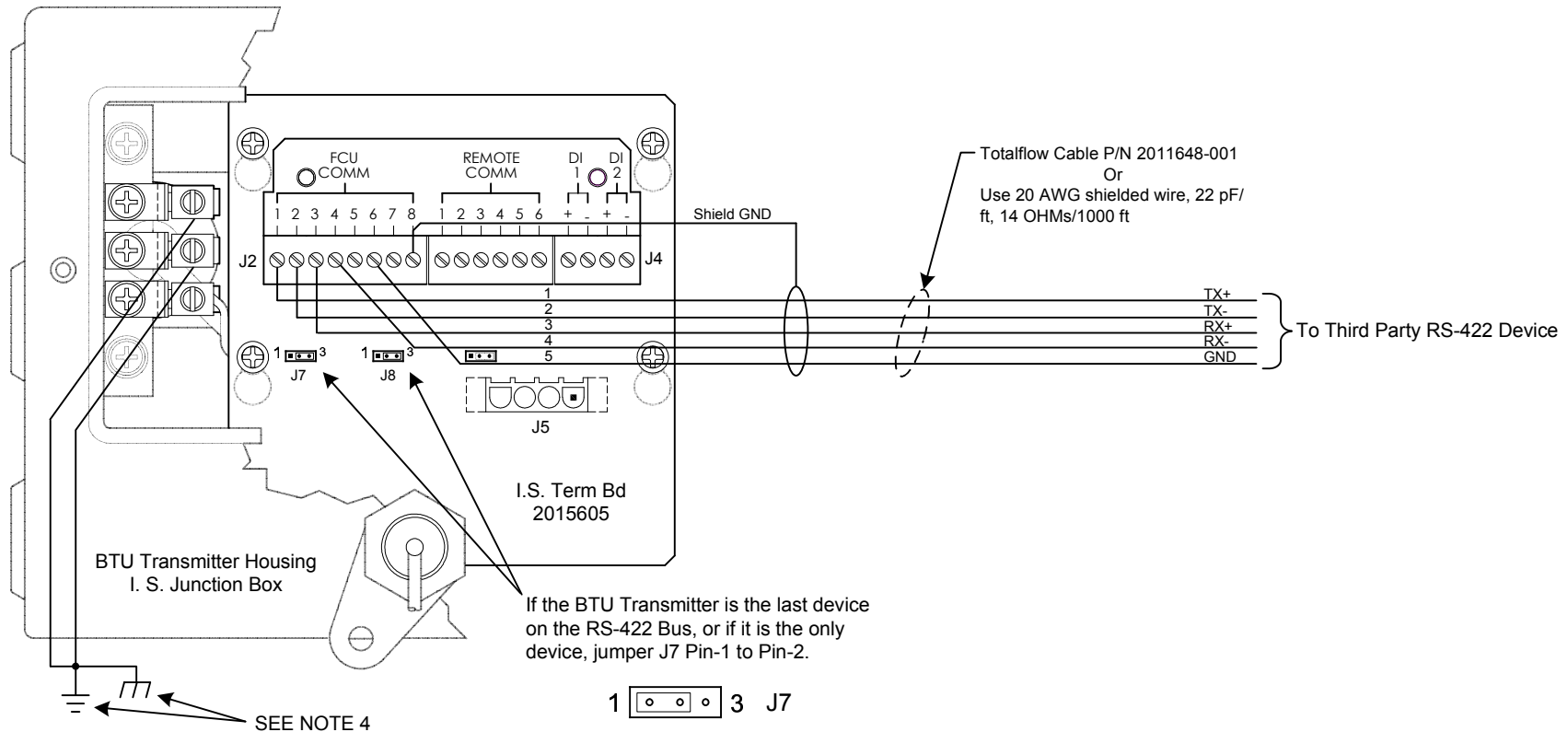


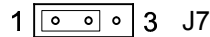
NOTES:

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 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.

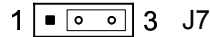


SEE NOTE 4

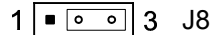
If the BTU Transmitter is the last device on the RS-422 Bus, or if it is the only device, jumper J7 Pin-1 to Pin-2.



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

REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	D18510	UD	BTU 8000/8100 FCU COMM PORT RS-422 4-WIRE W/GND GENERIC WIRING GUIDE	2102281	AB	1 OF 1