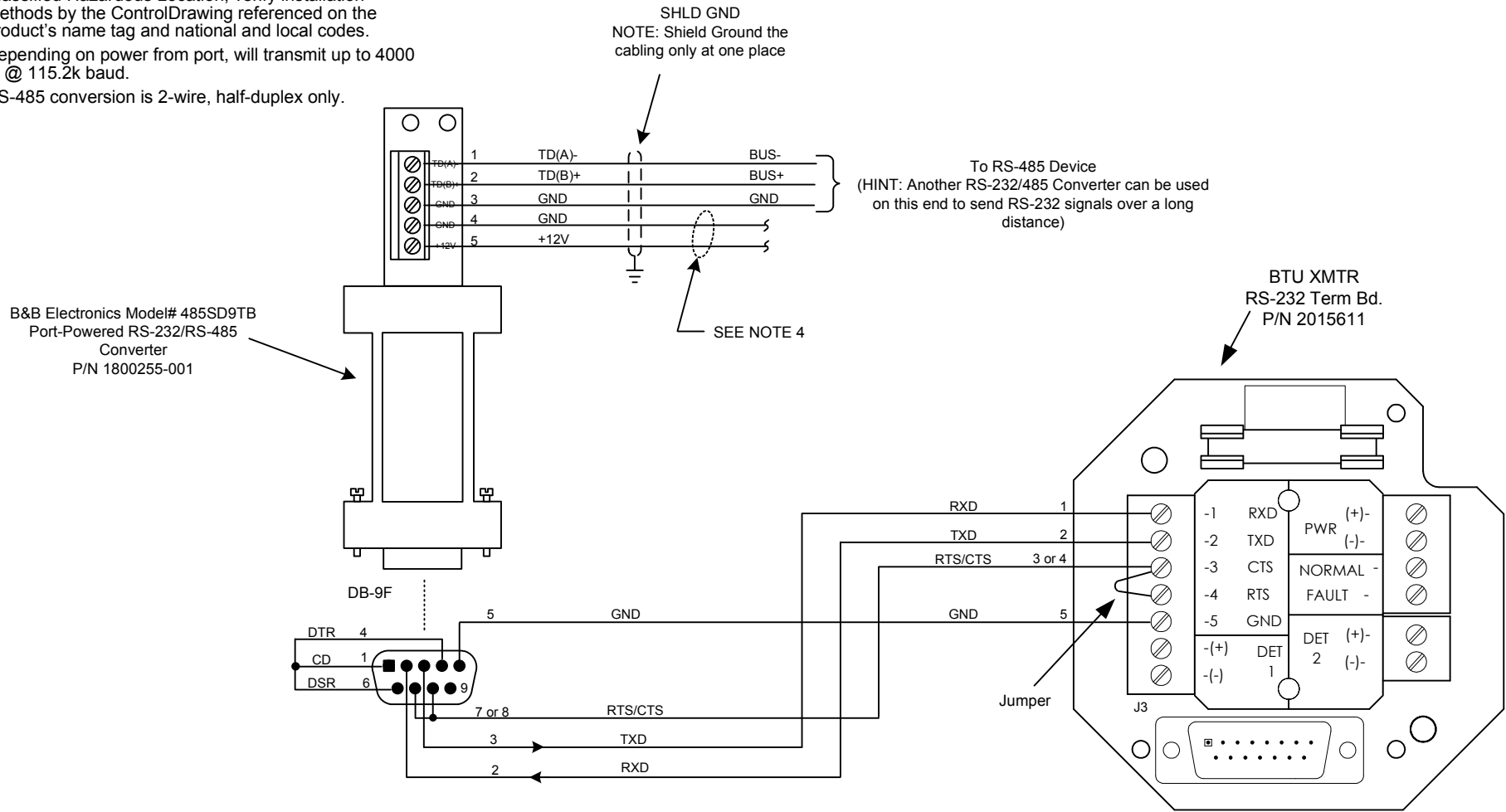


NOTES:

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 ControlDrawing referenced on the product's name tag and national and local codes.
2. Depending on power from port, will transmit up to 4000 ft. @ 115.2k baud.
3. RS-485 conversion is 2-wire, half-duplex only.



4. No external power is required if two RS-232 output Handshake lines are available. External +12VDC can be applied to the pins on the RS-485 side between terminals +12VDC and GND, when handshake lines are not used.

The BTU has the capacity to provide power to the lines; however, it is recommended that external power come from another source, such as power charger or a modem located in a non-hazardous area.

Use 35mA maximum current draw under normal operation, when externally powered.

REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19075	UD	BTU8000/8100 RS-232 TO B&B MODEL 485SD9TB CONVERTER (RS-485/RS-232)	2102906	AA	1 OF 1