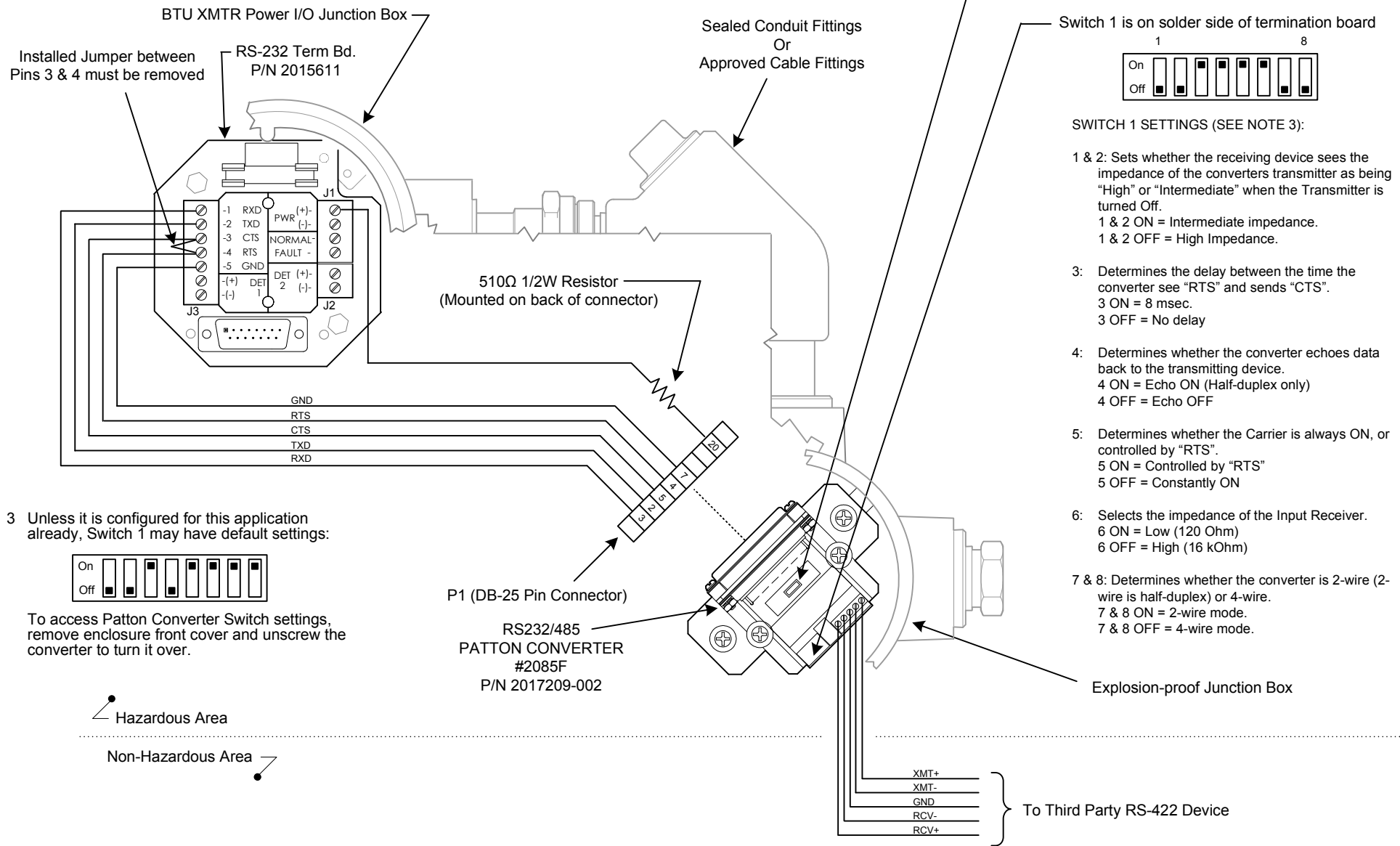
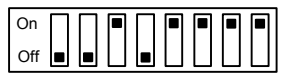


NOTES:

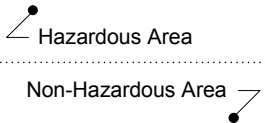
1. Prior to any installation in a classified hazardous location, verify installation methods by the Control Drawing referenced on the product's name tag.
2. To access termination boards, remove the front cover of the Junction Box for each unit.



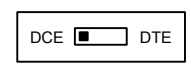
3 Unless it is configured for this application already, Switch 1 may have default settings:



To access Patton Converter Switch settings, remove enclosure front cover and unscrew the converter to turn it over.



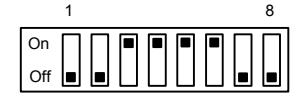
DCE/DTE Switch



DCE/DTE SETTINGS:

Select DCE if communicating with a PC.
Select DTE if communicating with a MODEM.

Switch 1 is on solder side of termination board



SWITCH 1 SETTINGS (SEE NOTE 3):

- 1 & 2: Sets whether the receiving device sees the impedance of the converters transmitter as being "High" or "Intermediate" when the Transmitter is turned Off.
1 & 2 ON = Intermediate impedance.
1 & 2 OFF = High Impedance.
- 3: Determines the delay between the time the converter see "RTS" and sends "CTS".
3 ON = 8 msec.
3 OFF = No delay
- 4: Determines whether the converter echoes data back to the transmitting device.
4 ON = Echo ON (Half-duplex only)
4 OFF = Echo OFF
- 5: Determines whether the Carrier is always ON, or controlled by "RTS".
5 ON = Controlled by "RTS"
5 OFF = Constantly ON
- 6: Selects the impedance of the Input Receiver.
6 ON = Low (120 Ohm)
6 OFF = High (16 kOhm)
- 7 & 8: Determines whether the converter is 2-wire (2-wire is half-duplex) or 4-wire.
7 & 8 ON = 2-wire mode.
7 & 8 OFF = 4-wire mode.

REF: N/A

	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L17624	UD	BTU 8000/8100 RS 232 TERM TO RS-422 USING PATTON CONVERTER MODEL 2085F	2102320	AA	1 OF 1