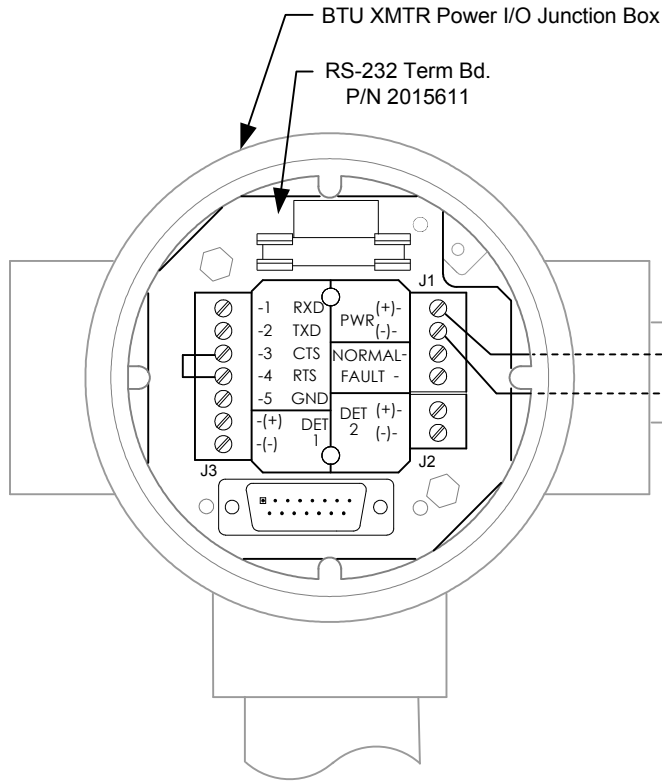


**NOTES:**

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 board, remove Power I/O Junction Box front cover.

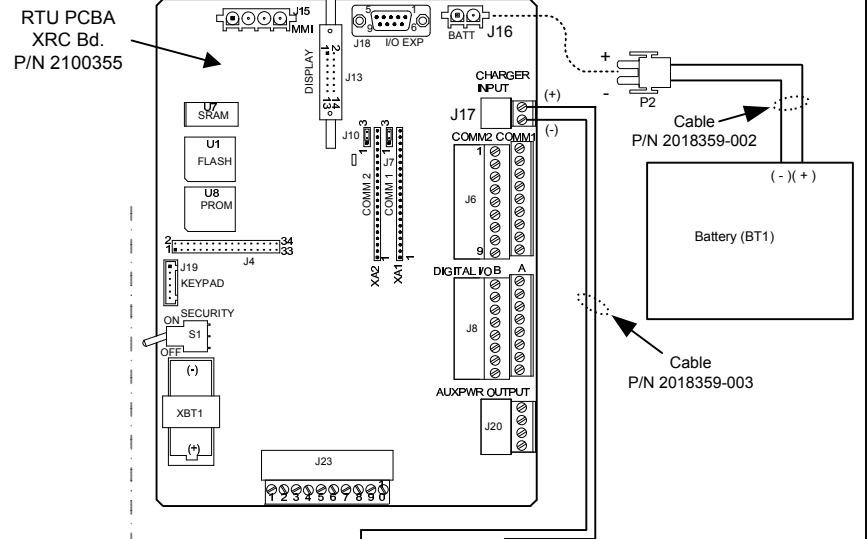


Sealed Conduit Fittings  
Or  
Approved Cable Fittings

Use 14 AWG for up to 50 Feet.  
For greater distances,  
SEE NOTE 6

Hazardous Area

Non-Hazardous Area



Remove this cable  
SEE NOTE 5

SEE NOTE 4

Enclosure (6890)

Power Input  
120V AC, 50/60 Hz,  
240V AC, 50 Hz

SEE NOTE 3

Power Supply  
POWER-ONE  
P/N 2017489-001 (120VAC)  
P/N 2017489-002 (240VAC)  
(Rotated for clarity)

3. Adjust Power Supply Voltage at TB1 to 15V to power BTU XMTR.
4. Terminals on the Power Supply are wired with [2] jumpers between 1 & 3 and 2 & 4 for 120V AC, 50/60Hz.  
For the 240V AC, 50Hz configuration, terminals 2 & 3 are jumpered together.
5. In this configuration, an existing cable is removed from TB-1, 3B & 4B to avoid plugging into a battery by mistake.
6. Wire size is a function of the distance between the BTU XMTR and the DC Power Supply. Using 2.5 Amps as the maximum current draw, calculate an adequate wire size so that the voltage measured at the BTU XMTR's Power I/O Junction Box is a minimum of 12.5 Volts.

REF: 2100594-WI

	<b>TOTALFLOW</b> Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L17597	UD	BTU 800\8100 TO POWER-ONE POWER SUPPLY (FOR MODEL XRC 6890)	2102293	AA	1 OF 1