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.

3. Adjust Power Supply Voltage at TB1 to 16.5V 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.

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

Hazardous Area
Non-Hazardous Area

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

SEE NOTE 3

RTU PCBA
P/N 2015080
or 2017245

Term. Bd,
P/N 2010232

Wiring Harness
P/N 2010183

P1 (To DB-25 on back of board)

Battery (BT1)