

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.

Hazardous Area

Non-Hazardous Area

Sealed Conduit Fittings
Or
Approved Cable Fittings

Use 14 AWG for up to 50 Feet.
For greater distances,
SEE NOTE 4

Power Supply Enclosure

120V AC
50/60 Hz

Remove this cable
SEE NOTE 3

Power Supply
POWER-ONE
P/N 2017489-001
(Rotated for clarity)

3. In this configuration, an existing cable is removed from TB-1, 3B & 4B to avoid plugging into a battery by mistake.
4. 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: N/A

ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L17591	UD	BTU 8000\8100 TO POWER-ONE 120V AC POWER SUPPLY	2102287	AA	1 OF 1