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 Control Drawing referenced on the product's name tag and national and local codes.
2. Depending on power from port, the RS-485/232 Converter will transmit up to 4000 ft. @ 115.2k baud.
3. RS-485 conversion is 2-wire, half-duplex only.
4. Redundant Ground Wires per ISA RP 12.6: Wires Must be GRN 12 AWG. Ground Electrode per CEC C22.1 10 or NEC 250
5. 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.

SEE NOTE 4

If the BTU Transmitter is the last device on the Bus, or if it is the only device, jumper J7 Pin-1 to Pin-2.

If it is not the last device, jumper J7 Pin-2 to Pin-3 (Pin-1 is on the left, when viewing the I.S. Board).

For RS-485 2-wire, jumper J8 Pin-1 to Pin-2.

REF: N/A