

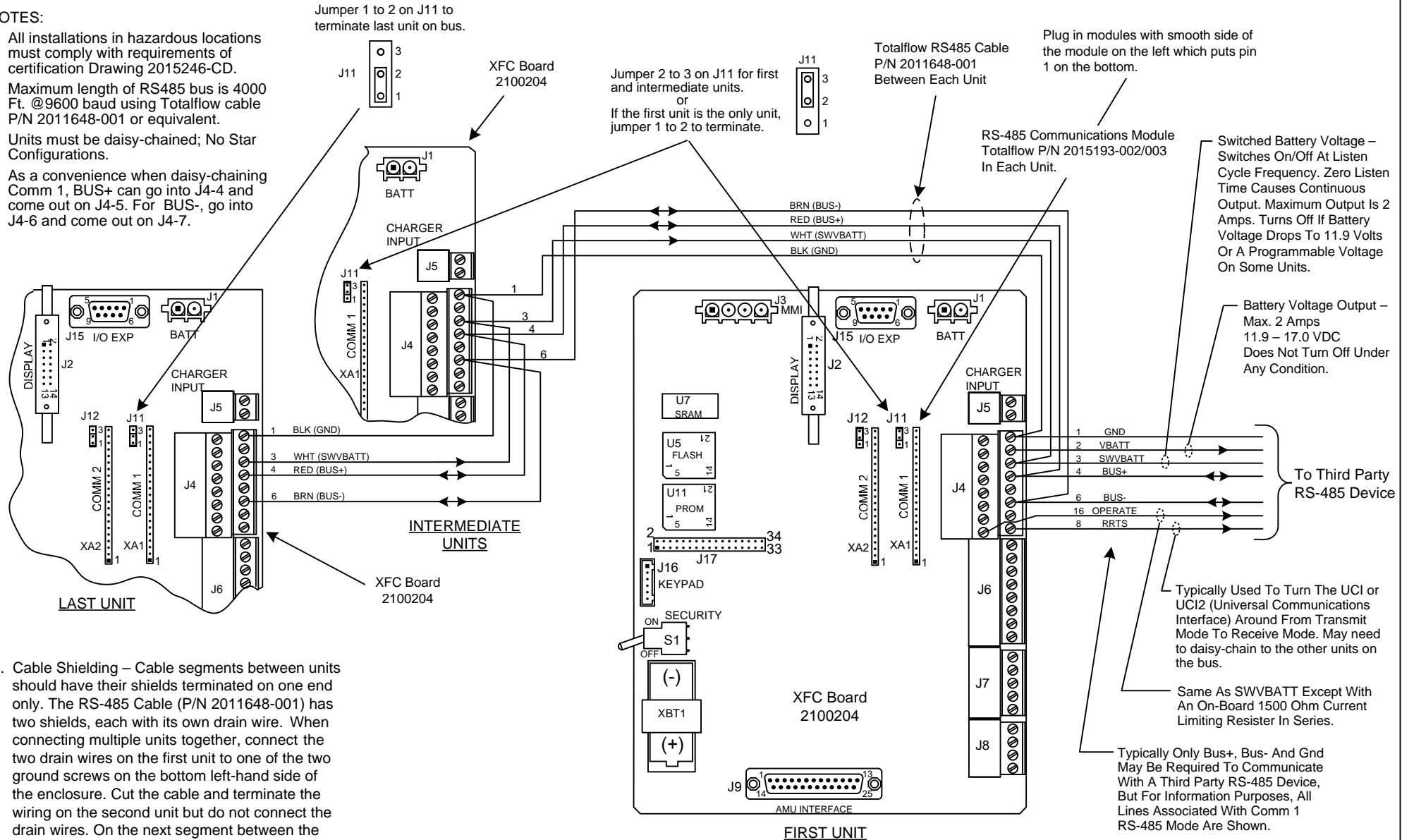
NOTES:

1. All installations in hazardous locations must comply with requirements of certification Drawing 2015246-CD.
2. Maximum length of RS485 bus is 4000 Ft. @9600 baud using Totalflow cable P/N 2011648-001 or equivalent.
3. Units must be daisy-chained; No Star Configurations.
4. As a convenience when daisy-chaining Comm 1, BUS+ can go into J4-4 and come out on J4-5. For BUS-, go into J4-6 and come out on J4-7.

Jumper 1 to 2 on J11 to terminate last unit on bus.

Jumper 2 to 3 on J11 for first and intermediate units.
or
If the first unit is the only unit, jumper 1 to 2 to terminate.

Plug in modules with smooth side of the module on the left which puts pin 1 on the bottom.



5. Cable Shielding – Cable segments between units should have their shields terminated on one end only. The RS-485 Cable (P/N 2011648-001) has two shields, each with its own drain wire. When connecting multiple units together, connect the two drain wires on the first unit to one of the two ground screws on the bottom left-hand side of the enclosure. Cut the cable and terminate the wiring on the second unit but do not connect the drain wires. On the next segment between the second and third units, connect the two drain wires to the second unit but not to the third unit. Repeat this process until all units are wired.

Switched Battery Voltage – Switches On/Off At Listen Cycle Frequency. Zero Listen Time Causes Continuous Output. Maximum Output Is 2 Amps. Turns Off If Battery Voltage Drops To 11.9 Volts Or A Programmable Voltage On Some Units.

Battery Voltage Output – Max. 2 Amps
11.9 – 17.0 VDC
Does Not Turn Off Under Any Condition.

To Third Party RS-485 Device

Typically Used To Turn The UCI or UCI2 (Universal Communications Interface) Around From Transmit Mode To Receive Mode. May need to daisy-chain to the other units on the bus.

Same As SWVBATT Except With An On-Board 1500 Ohm Current Limiting Resistor In Series.

Typically Only Bus+, Bus- And Gnd May Be Required To Communicate With A Third Party RS-485 Device, But For Information Purposes, All Lines Associated With Comm 1 RS-485 Mode Are Shown.