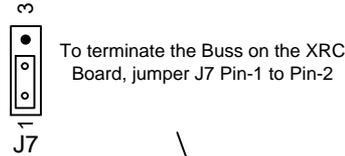


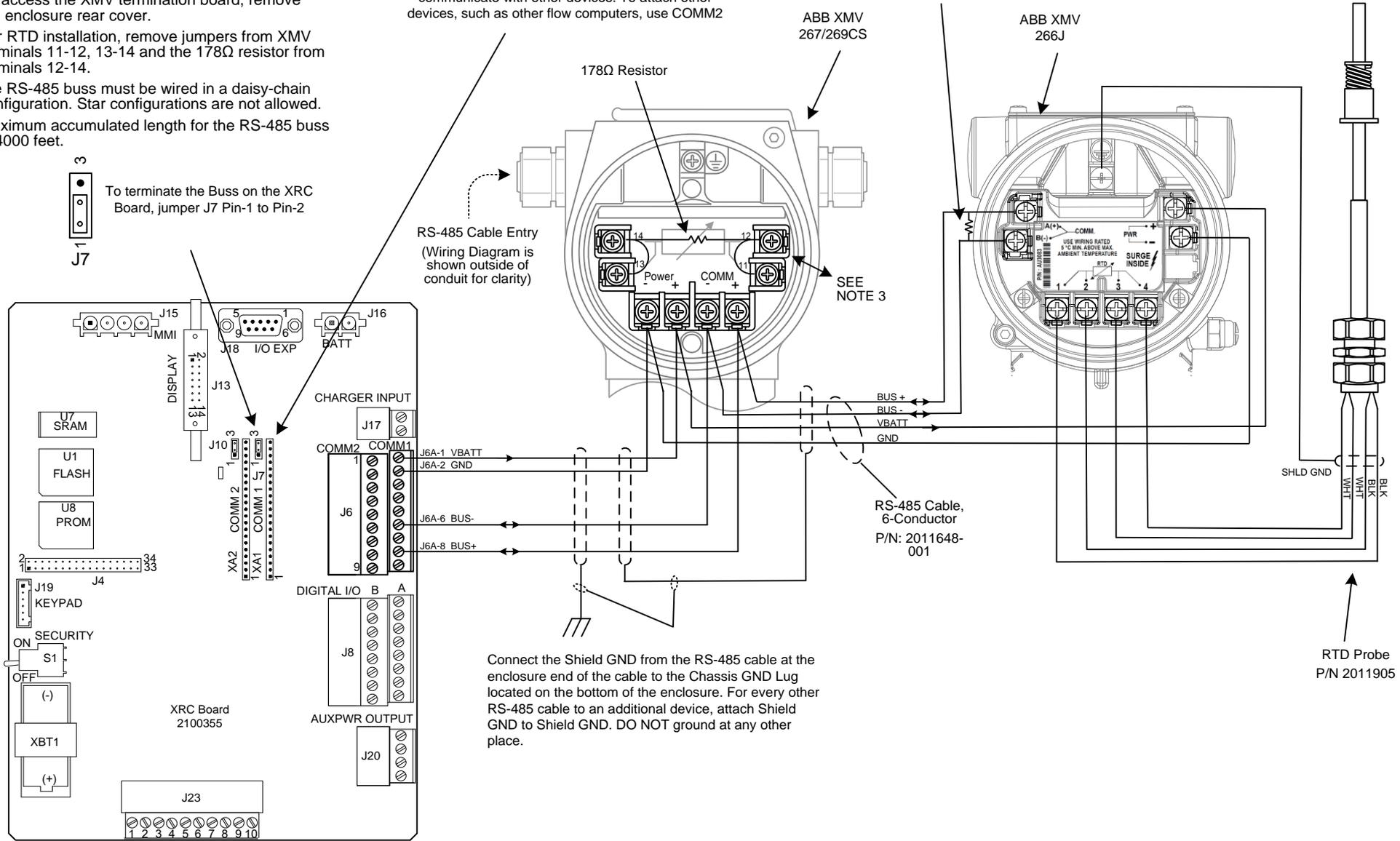
**NOTES:**

1. **WARNING:** This drawing does not illustrate 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. To access the XMV termination board, remove the enclosure rear cover.
3. For RTD installation, remove jumpers from XMV terminals 11-12, 13-14 and the 178Ω resistor from terminals 12-14.
4. The RS-485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.
5. Maximum accumulated length for the RS-485 buss is 4000 feet.



RS-485 Communications Module  
Totalflow P/N 2015193-002/003  
In this configuration, COMM1 may not be used to communicate with other devices. To attach other devices, such as other flow computers, use COMM2

120Ω – 250Ω Resistor  
The last XMV on the buss should be terminated with this resistor jumpered across the COMM + and COMM – terminals (the 178Ω resistor discarded in Note 3 is acceptable for this termination).



RS-485 Cable Entry  
(Wiring Diagram is shown outside of conduit for clarity)

SEE NOTE 3

Connect the Shield GND from the RS-485 cable at the enclosure end of the cable to the Chassis GND Lug located on the bottom of the enclosure. For every other RS-485 cable to an additional device, attach Shield GND to Shield GND. DO NOT ground at any other place.

|            |           |        |          |   |         |     |        |
|------------|-----------|--------|----------|---|---------|-----|--------|
| <b>ABB</b> | TOTALFLOW | ACTION | DOC TYPE | TITLE   | DWG NO. | REV | SHEET  |
|            | Products  | D35506 | UD       | XRC G3 (2100355 BOARD) COMM1 (RS-485) TO ABB 267CS & ABB 266J W/RTD | 2105114 | AB  | 1 OF 1 |