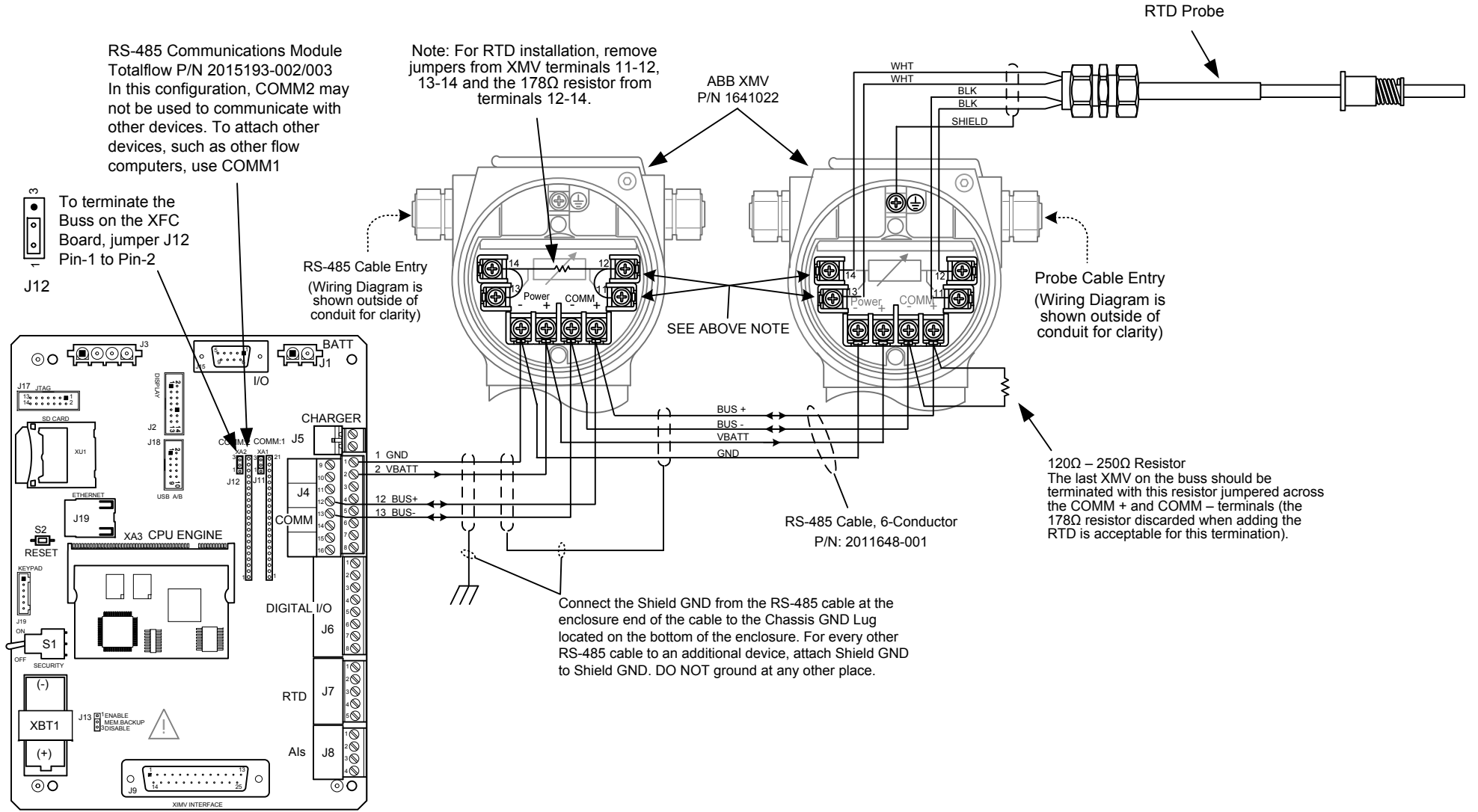


**NOTES:**

- 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.



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

Note: For RTD installation, remove jumpers from XMV terminals 11-12, 13-14 and the 178Ω resistor from terminals 12-14.

To terminate the Buss on the XFC Board, jumper J12 Pin-1 to Pin-2

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

Probe Cable Entry  
(Wiring Diagram is shown outside of conduit for clarity)

SEE ABOVE NOTE

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 when adding the RTD is acceptable for this termination).

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.

XFC<sup>G4</sup> (2103328) Board

REF: N/A

<b>ABB</b> TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	D30163	UD	XFC <sup>G4</sup> (2103328 BOARD) COMM2 TO EXTERNAL MULTIVARIABLES W/RTD PROBE	2104126	AB	1 OF 1