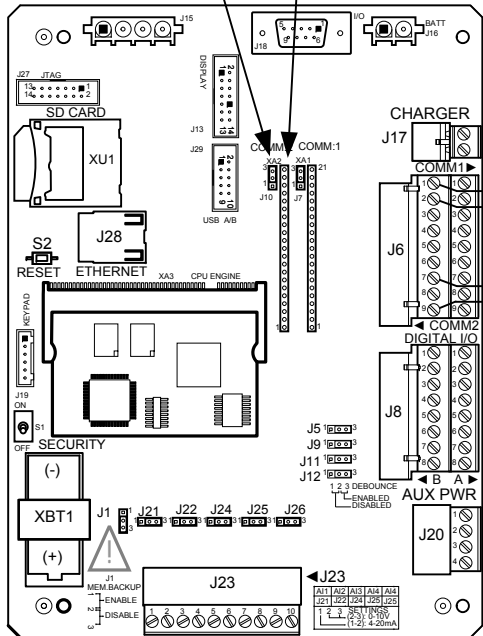


NOTES:

- WARNING:** This drawing does not completely 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 COMM2

To terminate the Buss on the XRC Board, jumper J10 Pin-1 to Pin-2



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

ABB XMV P/N 1641022

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

Power
COMM+

Power
COMM+

BUS +
BUS -
VBATT
GND

RS-485 Cable, 6-Conductor
P/N: 2011648-001

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.

RTD Probe
P/N 2011905

REF: N/A



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Products

ACTION
L22049

DOC TYPE
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TITLE
XRC^{G4} (2103329 BD) COMM2 TO EXTERNAL
MULTIVARIABLE W/RTD PROBE

DWG NO.
2104140

REV
AA

SHEET
1 OF 1