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 by national and local codes.

SEE SHT 4

6990 Rack Mount (Single XRC Unit shown)
6990 Rack Mount (Dual XRC Unit shown W/TFIO Modules Mounted on DIN Rail)

PCCU Connectors

![Diagram of 6990 Rack Mount](image)

- **Front**: View of the front panel with ABB branding and the XRC 6990 label.
- **Back**: View of the back panel with various components and modules.
- **Top**: Top view showing the top side of the rack mount.
- **Side**: Side view showing the dimensions and layout.

Dimensions:
- (14.72") (37.38 cm)
- 10.0" 25.4 cm
SEE SHT 4

Termination XRC #1

Termination XRC #2

XRC #1

XRC #2

6990 Rack Mount (Dual XRC Unit shown W/TFIO Modules Mounted on DIN Rail)
6990 Rack Mount (Single & Dual Rear Panel Connectors)
NOTES:
2. The pin-outs for Unit #1 & Unit #2 are the same.

XRC #1 or # 2

Communications - COM 2
NOTE : 232 / 485

Digital I / O

To TFIO Modules
(12 C Bus Cable )

Analog Inputs

XRC 6990 Rear Panel Connectors
NOTES:
3. To access the XMV termination board, remove the enclosure rear cover.
4. For RTD installation, remove jumpers from XMV terminals 11-12, 13-14 and the 178Ω resistor from terminals 12-14.
5. The RS-485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.
6. Maximum accumulated length for the RS-485 buss is 4000 feet.
7. RS-485 Communications Module (Totalflow P/N 2015193-002/003) is required on the XRC board @ Connector XA1
8. In this configuration, COMM1 may not be used to communicate with other devices. To attach other devices, such as other flow computers, use COMM2

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