Installation Instructions

Model XND-FDT
Interface Module

Operation

The model XND-FDT Interface module from Siemens Industry, Inc. uses a USB connection to the computer to connect the Fire Digital Twin simulation tool to a fire alarm control panel. The XND-FDT has six LEDs to indicate the status of the module and a reset button that can be used to restart the module in case of malfunction. Refer to Figure 1.

The XND-FDT is a Desigo Fire Safety Modular / Cerberus Pro Modular network interface module that connects to the network either via J7 of the XLS-PMI or an HNET NIC-C Monitor Port.

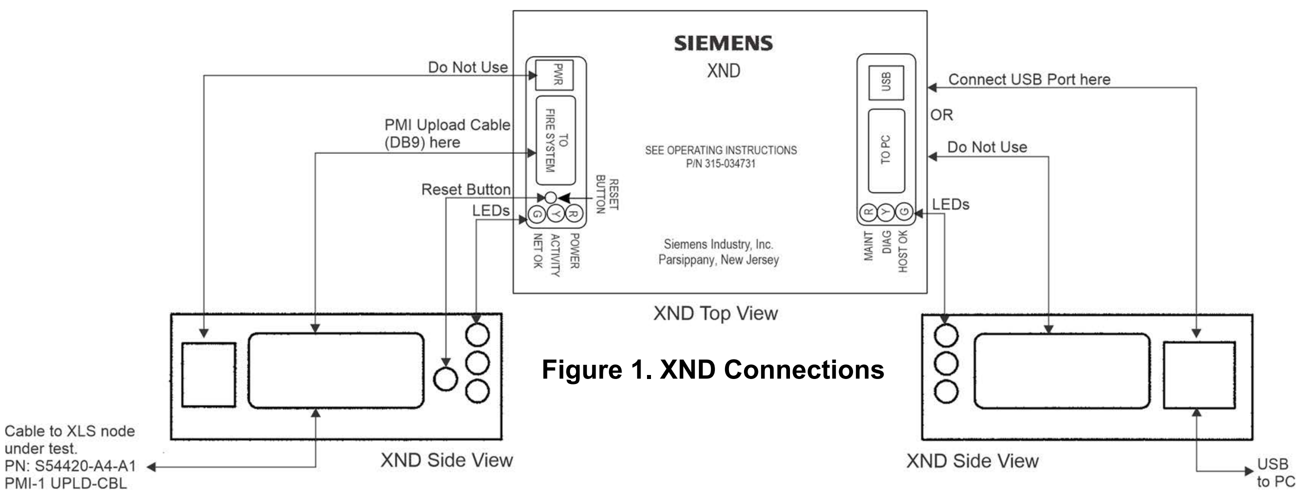

Figure 1. XND Connections

NOTE:
The XND connection to the XLS-PMI in the documentation instructions and Figure 1 is used as a temporary tool to validate a XLS configuration and is not UL approved for operation with a XLS customer installation.

XND-FDT Connections

1. Insert one end of the USB cable (supplied) into the XND-FDT module labeled "USB" and the other end into a USB port on the pc.
2. Insert the DB9 connector of the PMI Upload cable into the XND-FDT module labeled "To Fire System" and the RJ 12 end into the XLS node to be simulated by the Fire Digital Twin.

FDT Compatibility

Refer to the FDT Quick Start Guide compatibility guidelines for specific simulation configurations. The minimum firmware for the FDT application is XND-FDT 01.06.0006.

Electrical Ratings

All connections are supervised and power limited unless stated otherwise.
Input Voltage: 5V (from USB)
Input Current: 150mA Max

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