



External Network Unit

FW357A XNU



DESCRIPTION

The FW357A is a subassembly of FW106 series FACP (Fire Alarm Control Panel). It provides two CAN bus terminals to communicate with up to 32 panels in Class X and annunciators in Class B (up to 110 nodes for panels and annunciators in total), or up to 110 panels/annunciators in Class B to form a fire emergency detection and notification network system. It meets the UL864 10th Edition standard and the ULC-S527 3rd Edition standard

ATTENTION

Products must be installed per the National Fire Alarm Code, NFPA 72, CAN / ULC-S524, and/or National Electrical Code, depending on the country of the installation. Check the information on equipment used in the system from other manufacturers for instructions and restrictions. The detector should never be installed in the following places: where there is a lot of exhaust gas, kitchens, near fireplaces, boilers, etc. Smoke detectors should not be used with detector guards unless the suit has been evaluated and approved for this case.

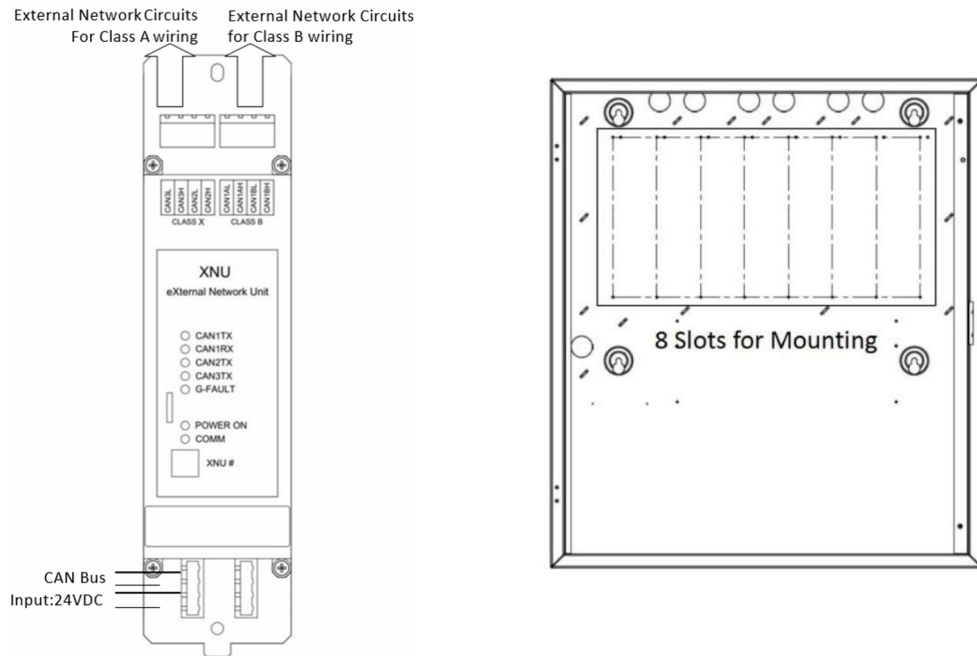
NOTE

Do not paint this unit.

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INSTALLATION

- 1) Remove all system power before installation, first the battery then AC. (To power up, connect the AC first, then the battery.)
- 2) Mount the FW357A XNU onto the backbox of the FW106 FACP using two #4-40 screws provided, there are 8 identical slots for the installation in the backbox. They are shared by the FW327 ALU, the FW337 NOU, the FW347 ROU, see figure below.
- 3) Connect the FW357A with the FW201 AMI and/or other units through the two 4-pin terminals, for CAN Bus and Input: 24VDC, using the wires and terminals provided and terminals provided, see figure below.



SPECIFICATIONS

Nominal Voltage	24 VDC
Voltage Range	20.4 to 26.4 VDC
Standby Current	46 mA
Alarm Current	46 mA
Operating Temperature	32°F to 120°F (0°C to 49°C)
Operating Humidity	0% to 93% RH
Dimension	215mm (L) x 55mm (W) x 50.3mm (H)

CATALOG NUMBER TO ORDER

Model	Description
FW357A	External Network Unit, Class X & B