



External Network Unit

FW357 XNU



DESCRIPTION

The FW357 is a subassembly of the FW106 and FW106S FACP (Fire Alarm Control Panel). It provides 1 CAN bus terminals to communicate with panels and annunciators in a Network to form a fire emergency detection and notification network system. The address is set by the rotary switch on the front cover. The valid address is 1. It meets the UL864 10th Edition Listed standard and the ULC-S527 3rd Edition Listed standard and FM. FW357 provides Class B wiring.

A maximum of 109 panels or annunciators in class B wiring can be connected simultaneously. (Maximum total of 110 nodes for panel and annunciators combined).

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.

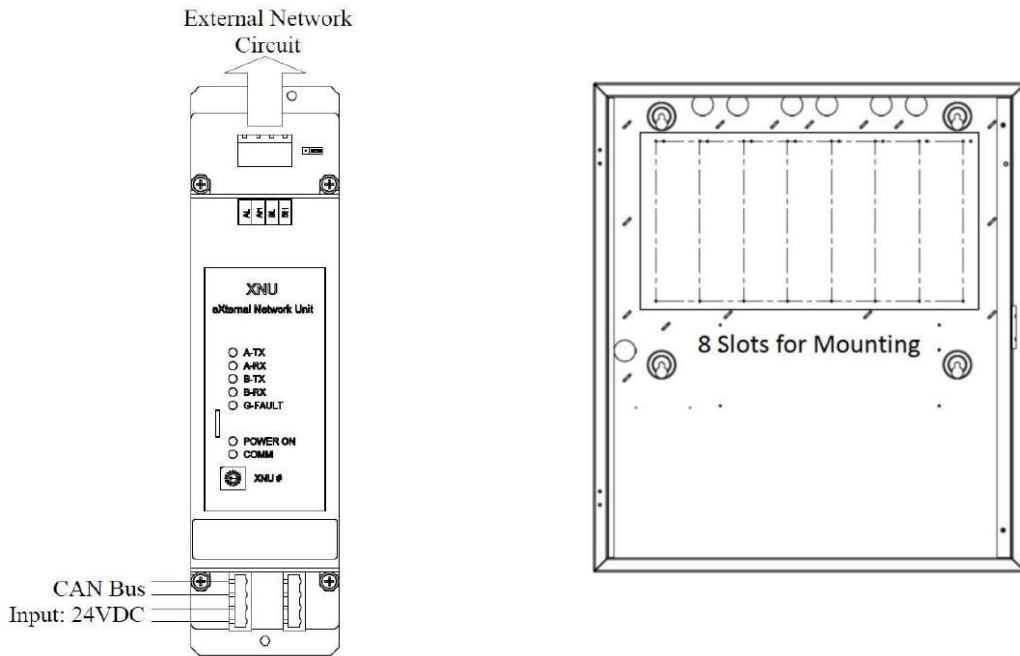
NOTE

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 FW357 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 FW357 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 | 27 mA |
| Alarm Current | 27 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 |
|-------|-----------------------|
| FW357 | External Network Unit |