

Addressable Loop Unit

FW327 ALU



DESCRIPTION

The module FW327 is a subassembly for the FW106/FW106S FACP (Fire Alarm Control Panel). The ALU supports one addressable loop circuit, which supports up to 252 addressable devices. It can initialize and operate all devices residing on the loop and it communicates all relevant devices and event information, such as alarms and troubles, to the System Central Processing Unit. (CPU). The circuit topology supports Class A or Class B wiring. The address is set by the rotary switch on the board. The valid address range is 1~4. It meets the UL864 10thEdition listed standard and the ULC-S527 3rdEdition listed standard and FM.

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.

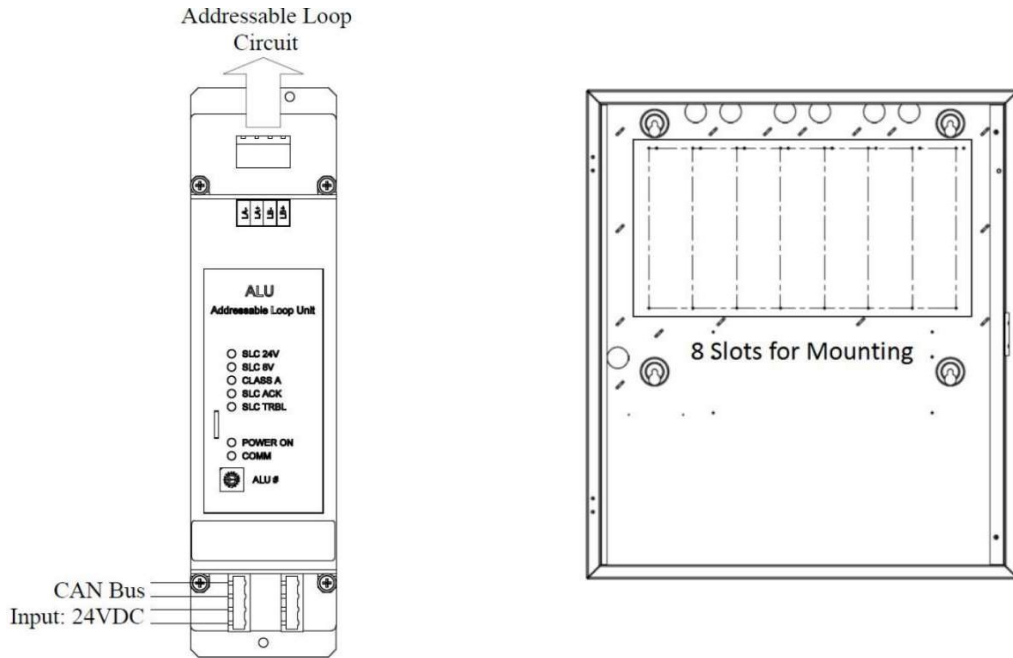
NOTE

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 FW327 ALU 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 FW337 NOU, the FW347 ROU, the FW357 XNU, see figure below.
- 3) Connect the FW327 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 100°F (0°C to 38°C)
Dimension	215mm (L) x 55mm (W) x 50.3mm (H)
Operating Humidity	0% to 93% RH

CATALOG NUMBER TO ORDER

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