

FW347 ROU, RELAY OUTPUT UNIT



NOTE

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SPECIFICATION

Nominal Voltage	24VDC
Voltage Range	20.4 to 26.4VDC
Standby Current	35mA
Alarm Current	35mA
Operating Temperature	32°F to 120°F (0°C to 49°C)
Operating Humidity	0% to 93% RH
Dimension	215mm (L) × 55mm (W) × 50.3mm (H)
Weight	6.9 oz (195.6 g)

DESCRIPTION

The FW347 is a subassembly for the FW106 FACP (Fire Alarm Control Panel). One ROU card can support five dry contacts relays: Alarm Relay, Supervisory Relay, Trouble Relay, Other Signal Relay, and Programmable Relay. The Relay contacts are in the C Form Style. The address is set by the rotary switch on the board. Valid address is 1. It meets the UL864 10th Edition Listed standard and the ULC-S527 3rd Edition Listed standard. Refer to the installation and operation manual, DOC-FW106-UM R1.1 section for more details.

ATTENTION

The products must be installed in accordance with NFPA 70, NFPA 72, CAN/ULC-S524, and/or Canadian Electrical Code depending on country of installation. Check information of equipment used in the system by other manufacturers for any guidelines or restrictions.



INSTALLATION

1. Remove all system power before installation, first battery then AC. (To power up, connect the AC first, then the battery.)
2. Mount the FW347 ROU onto the back box of the FW106 FACP using two #4-40 screws provided, see Figure 1. There are 8 identical slots for the installation in the back box. They are shared by the FW327 ALU, the FW337 NOU, the FW347 ROU, and the FW357 XNU, see Figure 2.

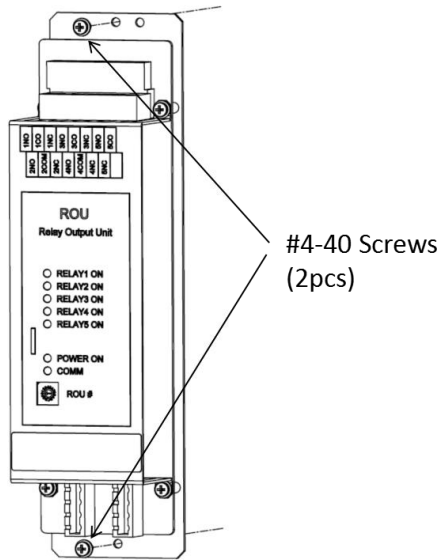


Figure 1. FW347 NOU Installation

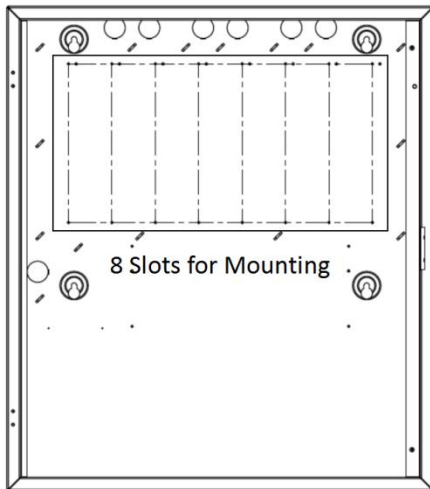


Figure 2. FW106 FACP Mounting Positions

3. Connect the FW347 with the FW201 AMI and/or the other units through the two 4-pin terminals for CAN Bus and Input: 24VDC, using the wires and terminals provided, see Figure 3. The terminal upside is for the relay output circuits.

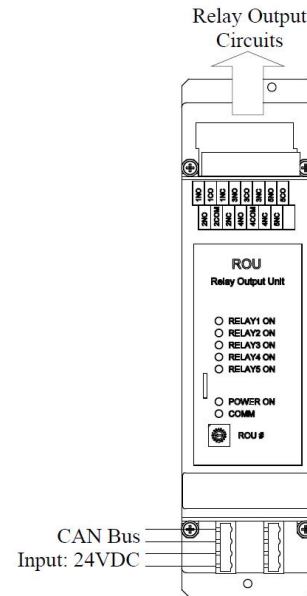


Figure 3. FW347 Terminals

4. For more details about the FW347 installation, please refer to the installation and operation manual *DOC-FW106-UM, Relay Output Circuit Wiring* section.