

# 5220

## Direct Connect Module Product Installation Document

### 1.1 Description

The 5220 is a direct connect module used to connect a fire alarm control panel (FACP) to a city box or polarity reversal communicator. The following instructions are generic installation instructions, refer to the FACP installation manual for compatibility and usage.



**NOTE:** Installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

### 1.2 Specifications

- Operating Voltage: 19.4 to 28 VDC
- City Box Current: 1 A for 1 Second, max coil resistance 30 ohms
- Ambient Temperature: 32°F to 120°F (0°C to 49°C), or humidity within the range of 10%-93% at 30°C (86°F) non-condensing
- Dimensions: 6-1/2"W x 1-5/16"H x 2-1/8"D (16.51 cm W x 3.33 cm H x 5.40 cm D)
- Terminal Wire Rating: 12 - 24 AWG

### 1.3 Mounting

The 5220 comes equipped with its own cabinet assembly. The 5220 is intended for indoor use only in a dry location.

1. Remove the cover from the 5220.
2. Mount the 5220 with four screws in the holes shown in Figure 1.1.

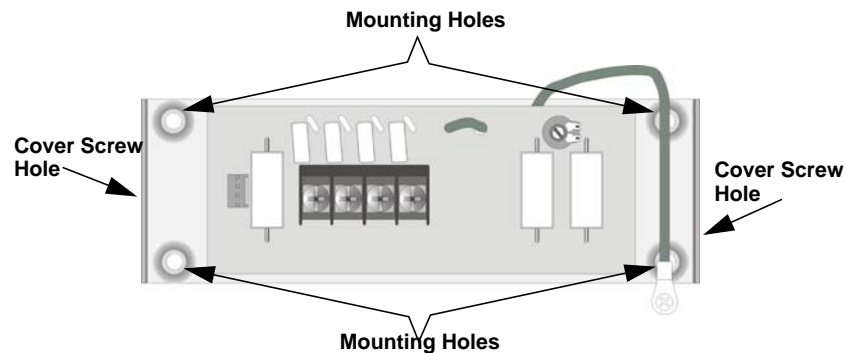
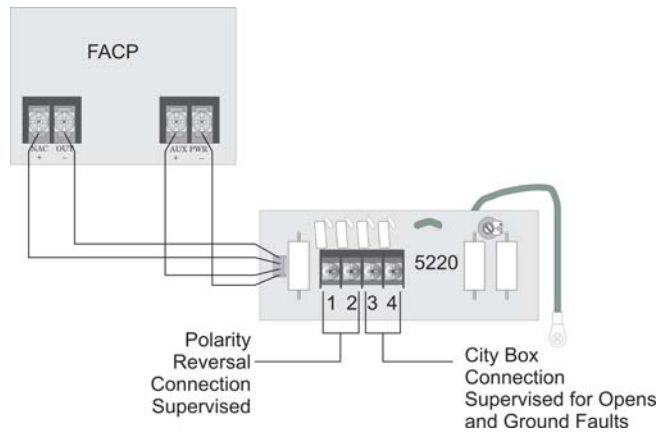


Figure 1.1 Mounting the 5220

3. Wiring the 5220 as shown in Figure 1.2.
4. Replace the 5220 cover and secure it with the two self-tapping screws supplied.

### 1.4 Wiring

1. Connect the 5220 as shown in Figure 1.2.



**Figure 1.2 5220 Wiring Connections**