5220 Direct Connect Module

Product Installation Document

PN 151409:B 12/6/2021 ECN: 151062

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 instruction 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 the NFPA 72 and the local ordinances.

1.1 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 86°F (30°C) non-condensing
- Dimensions: 6.5”W x 1.3125”H x 2.125”D (16.51 cm W x 3.33 cm H x 5.40 cm D)
- Terminal Wire Rating: 12 - 24 AWG

2 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.

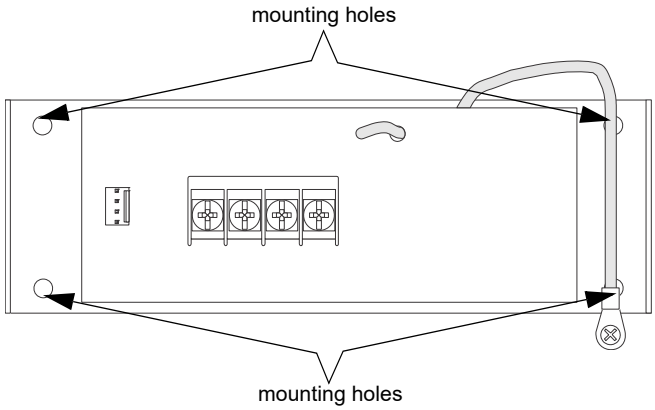


Figure 1 Mounting the 5220

3. Wire the 5220 as shown in Figure 2.
4. Replace the 5220 cover and secure it with the two self-tapping screws supplied.

3 Wiring

1. Connect the 5220 to the FACP as shown below.

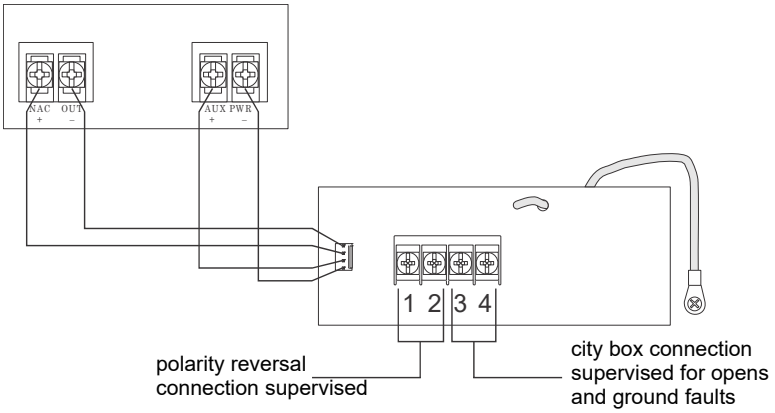


Figure 2 5220 Wiring Connections