



FIKE CORPORATION
704 SW 10th Street
Blue Springs, MO 64015
www.fike.com

FIK-CE4 Product Installation Document

PN LS10263-001FK-E:A 03/03/2021 ECN: 151526

1 Description

The FIK-CE4 adds four audio circuits to the FIK-50W or FIK-125W. The FIK-CE4 mounts inside the FIK-50W / 125W cabinet.



NOTE: The installation and wiring of this device must be done in accordance with the NFPA 72 and the local ordinances.

1.1 Compatibility

The FIK-CE4 is compatible with the following Fike Series, Fire Alarm Control Panels, (FACPs).

- FCP-300-ECS
- FCP-2100-ECS



NOTE: For more information, refer to the Fike Series, ECS Installation Manual PN:LS10262-001FK-E.

1.2 Specifications

The following list the specifications..

- Standby Current: 20mA
- Alarm Current: 180mA

2 Board Layout and Mounting

1. Remove the AC power from the FIK-50W or FIK-125W control panel and disconnect the backup batteries.
2. Use the four supplied screws to mount the FIK-CE4 in the FIK-50W/125W cabinet as shown in Figure 1.

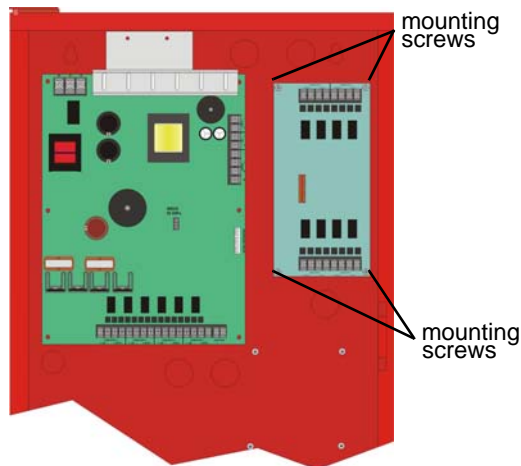


Figure 1 Mounting the FIK-CE4

3 Wiring

1. Connect the supplied audio expander cable harness (PN 130426) from the connector labeled, Audio Expander, on the FIK-50W/125W to the connector on the FIK-CE4. See Figure 2.

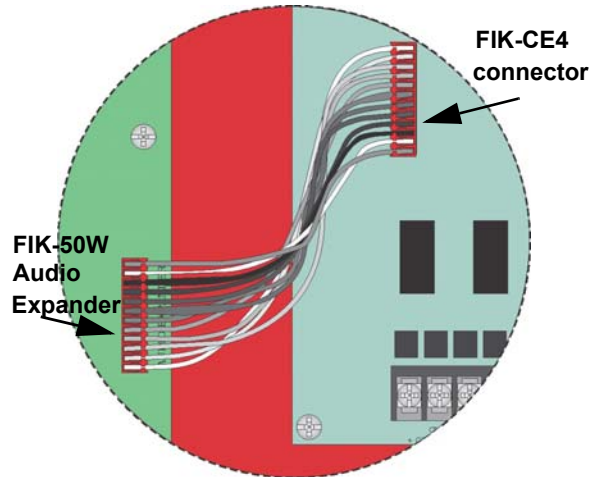


Figure 2 Audio Expander Wire Harness Connection

2. Wire the speakers for Class B supervision or wire for the Class A as shown in the Figure 3.

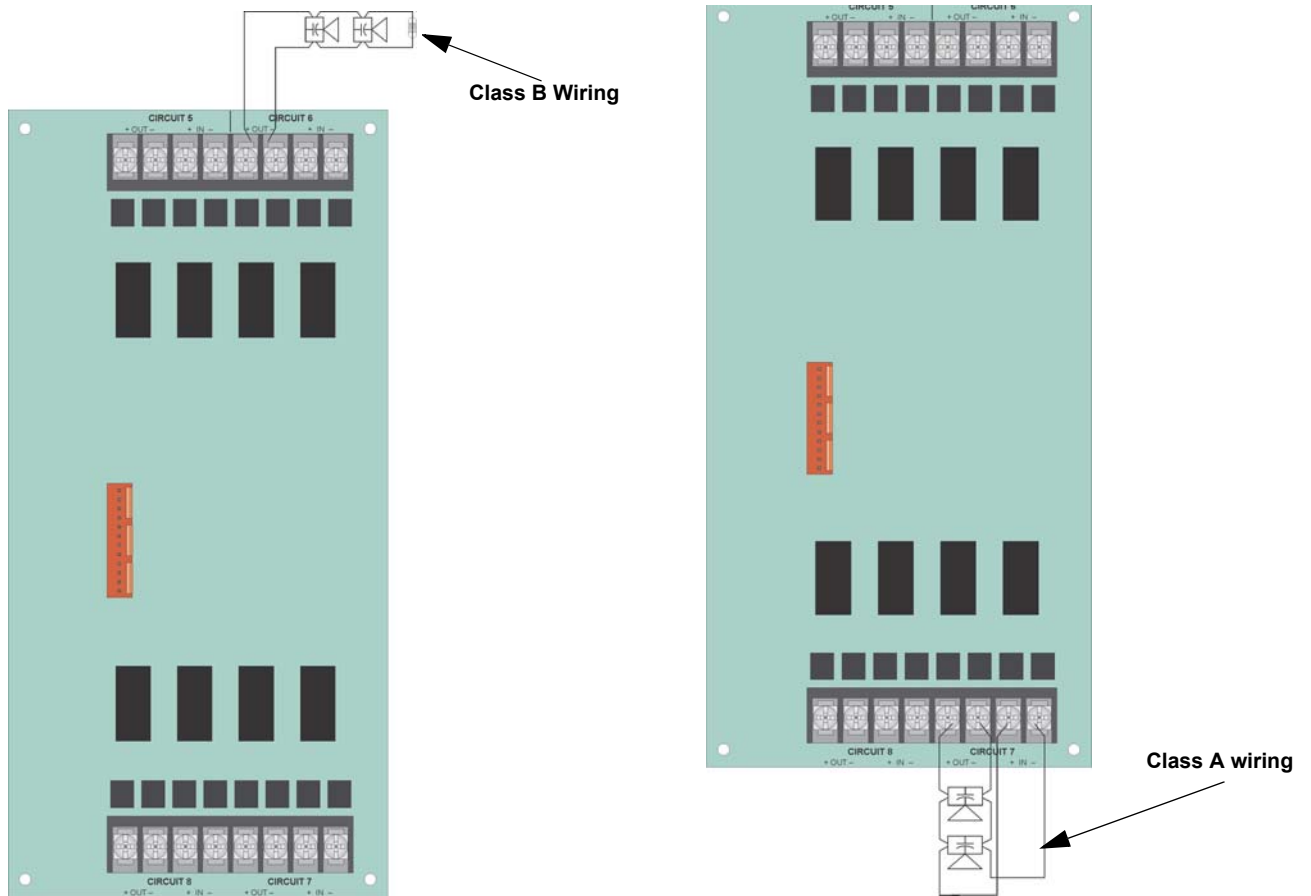


Figure 3 Speaker Wiring Configurations

3. Restore the AC power and reconnect the backup batteries.