Honeywell | Farenhyt™ Series

ECS-CE4
Audio Circuit Expander
Product Installation Document

1   Description

The ECS-CE4 is an Audio Circuit Expander that adds four audio circuits to the ECS-50W or ECS-125W. The ECS-CE4 mounts inside the ECS-50W or ECS-125W cabinet.

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

2   Compatibility

The ECS-CE4 is compatible with the following Honeywell Farenhyt Series FACPs:

- IFP-2100ECS
- IFP-300ECS
- IFP-100ECS
- IFP-1000ECS
- IFP-2000ECS

> **NOTE:** For more information, refer to the *FACP Installation Manual* or *ECS Series Manual* (PN 151455).

3   Specifications

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

4   Installation

1. Remove AC power from the ECS-50W or ECS-125W Amplifier and disconnect the backup batteries.
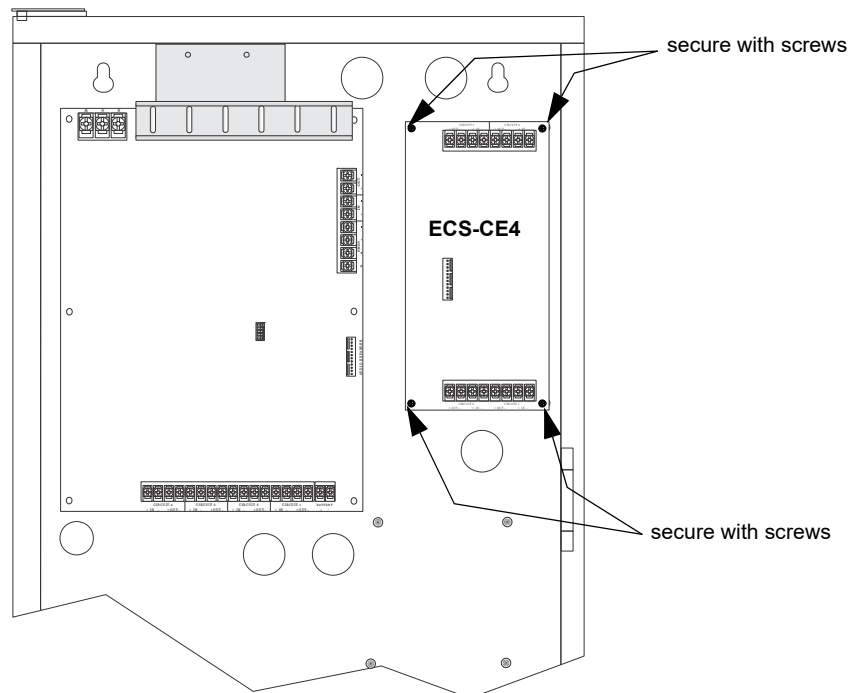2. Mount the ECS-CE4 in the ECS-50W or ECS-125W cabinet using the four supplied screws.

Figure 1 Mounting the ECS-CE4

5 Wiring

1. Connect the supplied audio expander cable harness (PN 130426) from the connector labeled *Audio Expander* on the ECS-50W or ECS-125W to the connector on the ECS-CE4.
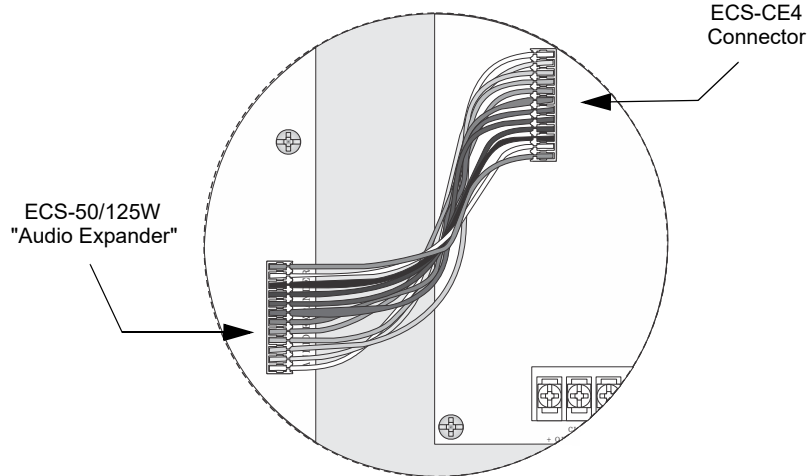

Figure 1.1 Audio Expander Wire Harness Connections

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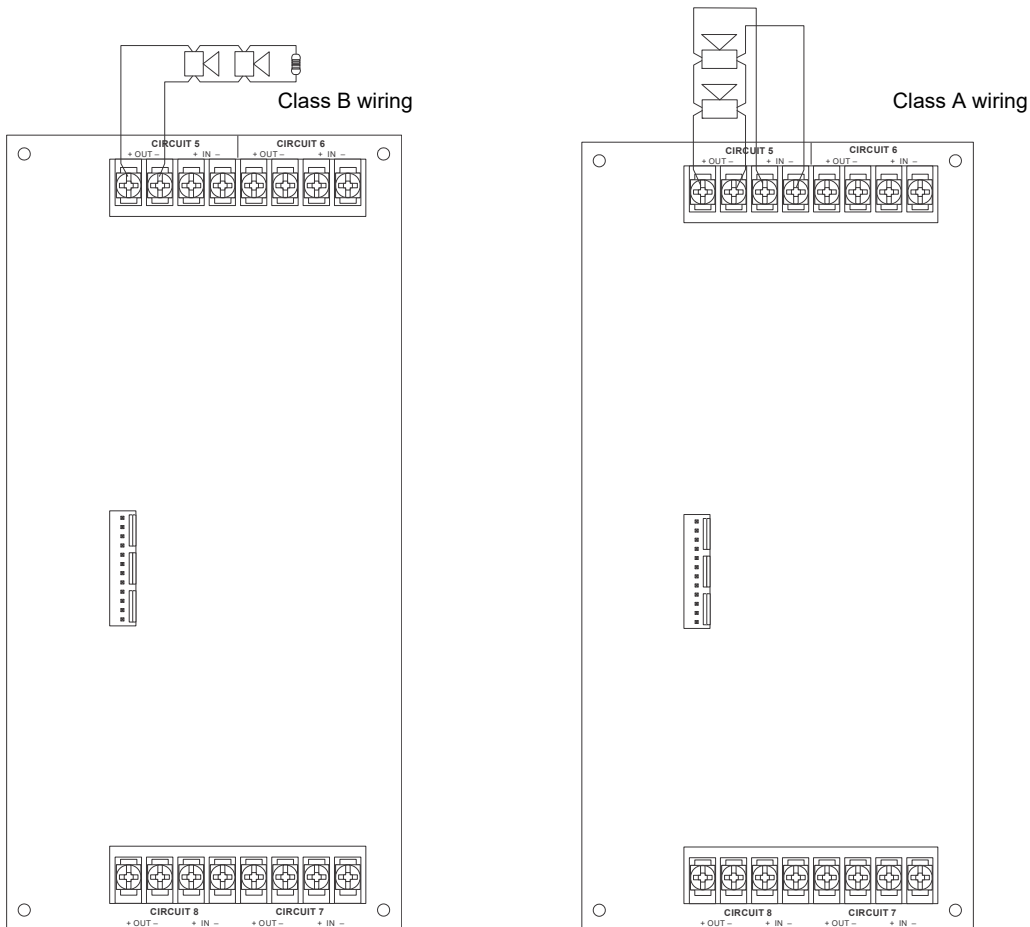

Figure 2 Speaker Wiring Configurations

3. Restore AC power and reconnect backup batteries.

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