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# FIK-RA100BD Product Installation Document

PN LS10260-001FK-E:A 03/03/2021 ECN: 151526


## 1 Description

The FIK-RA100BD is the replacement annunciator board used with the Fike Series, ECS System. The FIK-RA100BD is housed in the Fike Series, ECS fire alarm control panel (FACP) cabinet. The FIK-RA100BD is housed in the FIK-RA100 remote annunciator 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-RA100BD is compatible with the Fike Series, Fire Alarm Control Panels (FACPs).

 **NOTE:** For more information, see the FACP Installation Manual.

### 1.2 Specifications

- Standby Current: 20 mA
- Alarm Current: 25 mA
- Operating Voltage: 24VDC
- Operating Temperature: 32°F to 120°F (0°C to 49°C)

## 2 Mounting

1. Remove the AC power from the ECS FACP.
2. Open the cabinet to access the annunciator board.
3. Remove the FIK-RA100 from its mounting location as shown in Figure 1.
4. Install the new annunciator board.

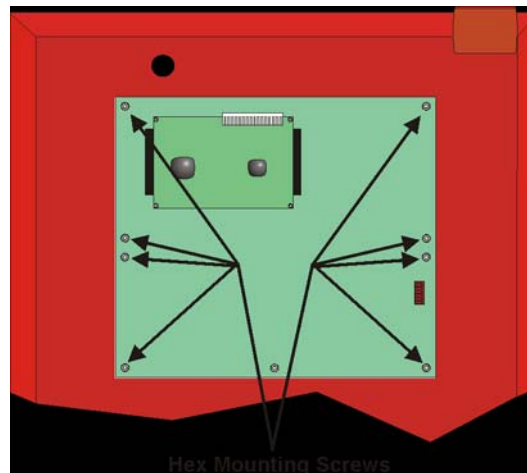


Figure 1 FIK-RA100 Mounting Screws

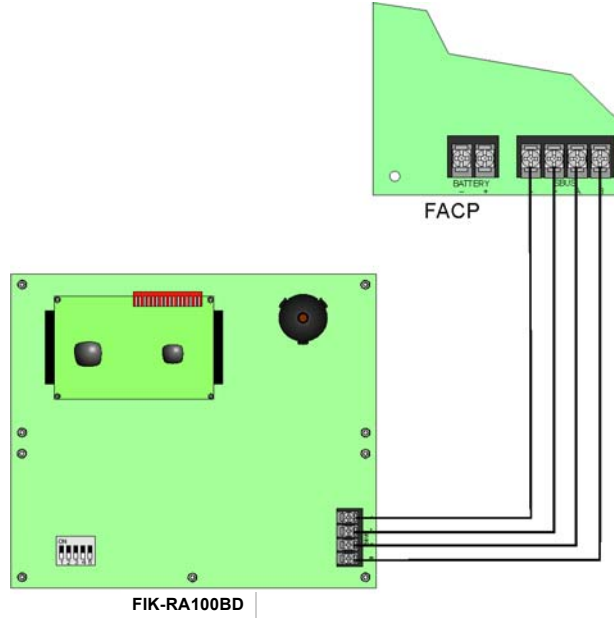
### 3 Wiring the FIK-RA100BD

To wire the FIK-RA100BD, refer to Table 1 and Figure 2.

FIK-RA100BD Terminals	ECS FACP SBUS Terminals
SB	B
SA	SA
S+	+
S-	-

**Table 1 FIK-RA100BD to ECS FACP Terminal Connections**

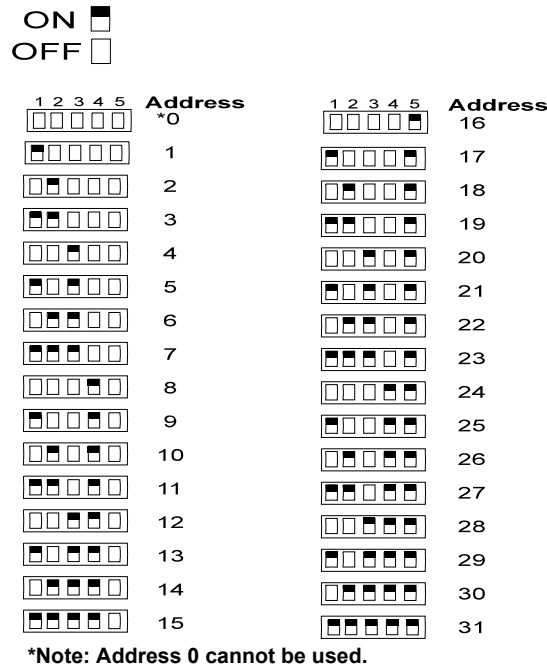
Figure 2 shows the wiring connections of the FIK-RA100BD to the FACP.



**Figure 2 Wiring the FIK-RA100BD**

### 4 Programming

The FIK-RA100BD must have the dip switches set to match the existing FIK-RA100BD, if possible. See Figure 3 for the device IDs and the corresponding dip switch settings. If you match the existing device ID, you need to program the new FIK-RA100BD. If you use a different device ID, you must program the FIK-RA100 into the Fike, ECS FACP. For programming information, refer to the Fike Series, ECS Installation Manual (PN LS10262-001FK-E).



**Figure 3 DIP Switch Settings for the FIK-RA100BD Device ID**