



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

FIK-6815 SLC Expander Product Installation Document

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1 Description

The FIK-6815 SLC Expander is used to add the additional addressable devices to the compatible Fike Series, Fire Alarm Control Panels (FACPs).



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-6815 can be used with the compatible Fike Series, Fire Alarm Control Panels (FACP's).



NOTE 1: For compatibility, programming and more information see FACP Installation Manual.

1.2 Specifications

- Standby Current: 78mA
- Alarm Current: 78mA
- Operating Voltage: 24VDC
- Operating Temperature: 32°F to 120°F (0°C to 49°C)

2 Mounting

You can mount the FIK-6815 in any of the following compatible FACP cabinets:

- FIK-RPS1000 Intelligent Power Module cabinet
- FIK-NIC-KIT Remote Mounting Kit



WARNING: The electronic components on the FIK-6815 and the panel are sensitive to electrostatic discharge. Wear a grounding strap when handling any of the boards.

To mount the FIK-6815, do the following steps.

1. Remove the power from the panel.
2. If you mount the FIK-6815 in an FACP, use the standoffs located under the panel assembly and secure with the screws provided with the FIK-6815. *-OR-*
3. If you mount the FIK-6815 in the FIK-NIC-KIT, position the FIK-6815 board(s) and snap them into place on the plastic standoffs as shown in Figure 1.

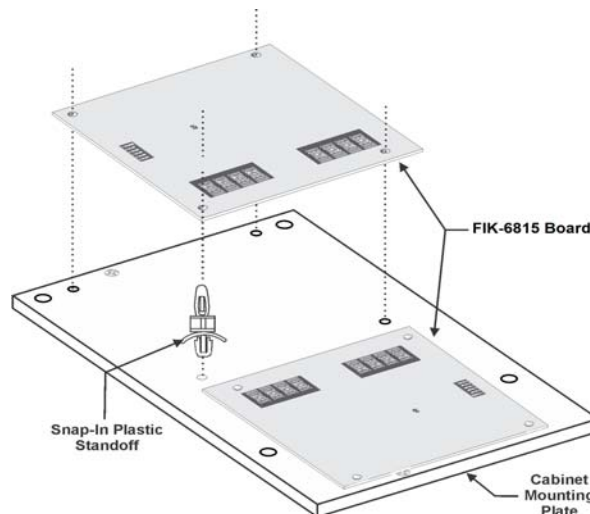


Figure 1 Standoff Installation and FIK-6815 Board Mounting

3 Wiring

To wire the FIK-6815 board to a compatible FACP, refer to Table 1 and Figure 2.

FIK-6815 Terminals	FACP SBUS Out Terminals
+	+
-	-
A	A
B	B

Table 1 FIK-6815 to the FACP Terminal Connections

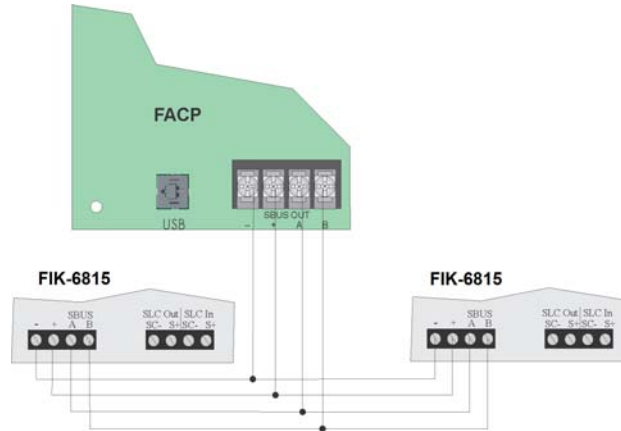
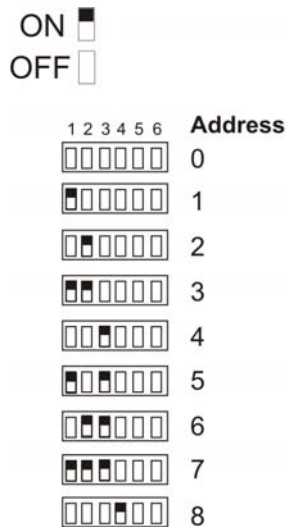


Figure 2 FIK-6815 Connection to the Control Panel

3.1 Setting DIP Switches

Use the onboard DIP switches to select an ID number to assign to the FIK-6815. To determine how to set the DIP switches for the desired ID number, refer to Figure 3.

Once the ID number is set, you must use the JumpStart[®] Program to add the ID number to the FIK-6815 to the System, or you can manually add the ID number to the System.



*Note: Address 0 cannot be used.

Figure 3 Set DIP Switches on the FIK-6815