

6815

SLC Expander

Product Installation Document

Section 1 Description

The 6815 SLC Expander offers the feature to add additional addressable devices to a compatible Fire Alarm Control Panels (FACP). The installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

1.1 Compatibility

The 6815 is used with the compatible Honeywell Silent Knight and Farenhyt Series Fire Alarm Control Panels FACP's:



NOTE: For information on the compatibility and programming, refer to the FACP Installation Manual.

1.2 Specifications

Table 1 lists the specifications.

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

Table 1 Specifications

Section 2 Mounting

You can mount the 6815 in a compatible FACP cabinet, in the 5895XL or RPS-1000 intelligent power module cabinet, or in the SK-NIC-KIT remote mounting kit.



WARNING:

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

To mount the 6815, do the following steps.

1. Remove the power from the panel.
2. If you mount the 6815 in an FACP or 5895XL, use the standoffs located under the panel assembly and secure with screws provided with the 6815.
-OR-
3. If you mount the 6815 in a 5815RMK or SK-NIC-KIT, position the 6815 board(s) as shown in Figure 1 and snap them into place on the plastic standoffs.

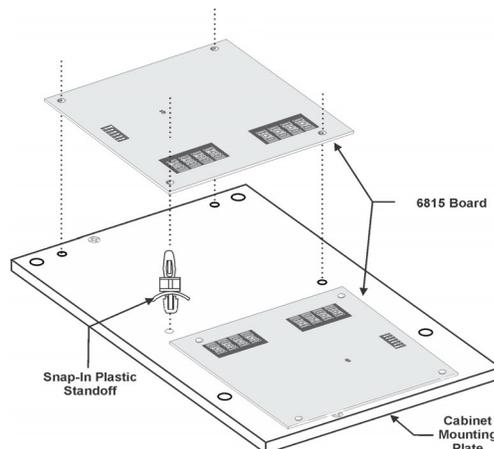


Figure 1 Standoff Installation and 6815 Board Mounting

Section 3 Wiring

See Table 2 and Figure 2 to wire a 6815 to a compatible FACP or the 5895XL.

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

Table 2 6815 to FACP Connections

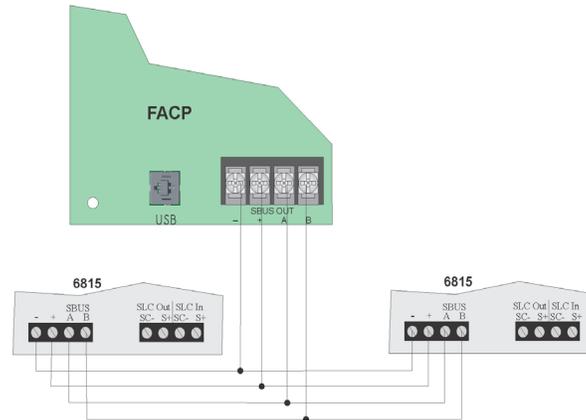
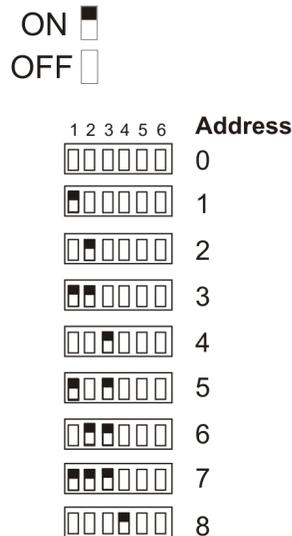


Figure 2 6815 Connection to the Control Panel

3.1 Setting DIP Switches

Use the on-board DIP switches to select an ID number for the 6815. Refer to Figure 3 to see how to set the DIP switches for the desired ID number. After you set the ID number, use the JumpStart program to add the 6815 to the System. You can also manually add the 6815 to the System.



*Note: Address 0 cannot be used.

Figure 3 Set DIP Switches on the 6815

Honeywell Silent Knight

12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.silentknight.com

LS10173-001SK-E | B | 07/21
©2021 Honeywell International Inc.

Honeywell