

315-040

LED Input/Output Module Product Installation Document

1 General

The 315-040 provides a way to customize a remote annunciator when used with a compatible addressable fire alarm control panel (FACP).

For more detailed information, refer to the FACP manual.



NOTE: Installation and wiring of this device must be done in accordance with national and local ordinances.

2 Specifications

ANN-BUSCOMM-BUS Operating Voltage		24 VDC
Max. Current	Alarm	200 mA
	Standby	35 mA
	Each LED	10 mA
Operating Temperature		32° to 120° F (0° to 49° C)
Max Wiring Distance from FACP		6,000 ft (1,829 m)
Intended for Indoor Use in a Dry Location Only		

Table 1 315-040 Specifications

3 Mounting the 315-040 Enclosure

The 315-040 comes in a plastic enclosure which must be mounted inside the annunciator or accessory cabinet.

To mount the 315-040 plastic enclosure into the appropriate cabinet:

1. Remove the 315-040 cover. Use a small screwdriver if necessary.

2. Remove the 315-040 circuit board from the base by pushing outward on the base snap retaining tabs and lifting out the circuit board.

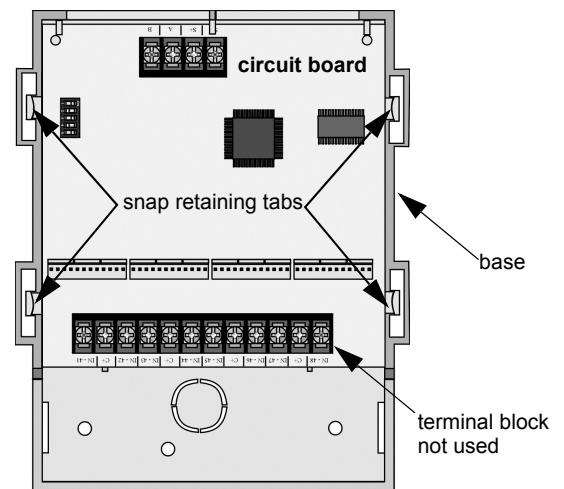


Figure 1 315-040 Circuit Board And Plastic Base

3. Mount the plastic base into the appropriate accessory cabinet.
4. Replace the circuit board in the plastic base.



NOTE: It may be necessary to connect the wiring to the circuit board before the board is replaced into the base.

4 Wiring the 315-040 to the FACP

Terminate the wiring as shown in the diagram and table below. Note that wiring connections are supervised and power-limited.

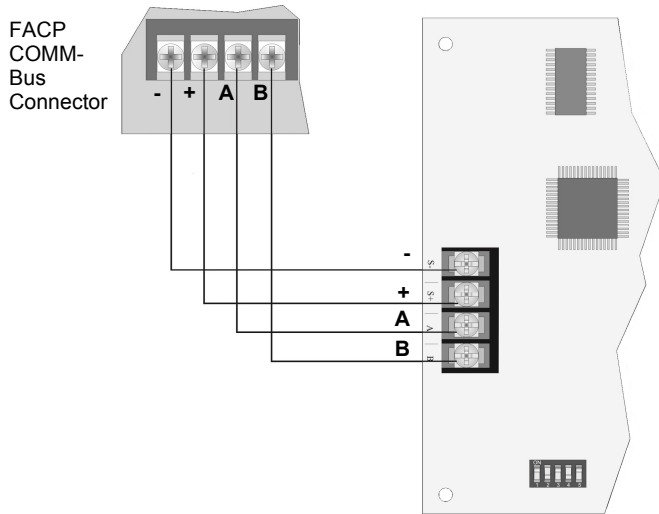


Figure 2 315-040 Connection to the FACP

315-040 Terminals	FACP Terminals (COMM-Bus Connector)
B	B
A	A
S+	+
S-	-

Table 2 315-040 to FACP Connections

5 Wiring the LED Outputs

The 315-040 has four 12-pin connectors (P/N 130092) used to connect LEDs. All LED outputs use a common pin on each connector for LED power (see figure below). Current is limited through each output so no series resistor is required.

Wire the LED outputs as shown in below. Note that Connectors P3 and P4 are wired the same as P2.

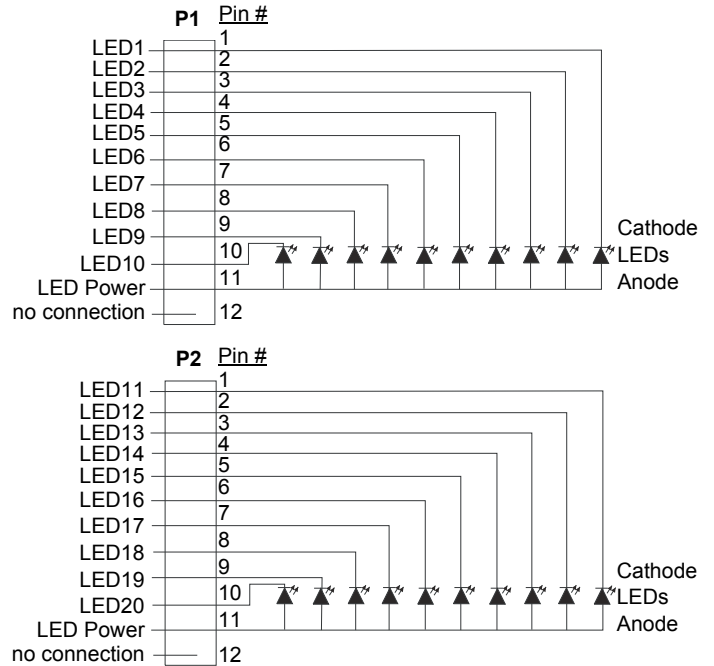


Figure 3 315-040 LED Outputs

6 Setting the DIP Switches

Each 315-040 requires a unique ID number which is set using the DIP switches on the 315-040 circuit board. See the diagram below for DIP switch settings. Note that address 0 is invalid and cannot be used.

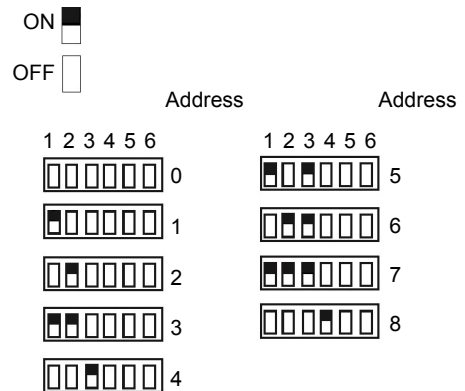


Figure 4 DIP Switch Settings

Honeywell Morley-IAS

12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.morley-ias.co.uk

LS10225-001HM-E | A | 08-18
©2018 Honeywell International Inc.

Honeywell