FIRE·LITE ALARMS
by Honeywell

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ANN-S/PG Serial/Parallel Printer Interface Module Product Installation Document

1 General

The ANN-S/PG Serial/Parallel Printer Interface Module connects a compatible fire alarm control panel (FACP) directly to a printer to print event history, system event logs, and detector statuses. This document is for quick reference. For more information, refer to the FACP installation manual.

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

2 Specifications

Operating Voltage	24 VDC
Current (Alarm and Standby)	50mA
Max Per FACP	1
Operating Temperature	32°F to 120°F (0°C to 49°C)
Max Wiring Distance from FACP	6000 ft. (1829 m)
Mounting	Surface
Dimensions	6"W x 7-3/4"H x 1-7/16"D (15.2 cm W x 19.7 cm H x 3.7 cm D)
Parallel Port	Ancillary
Serial Port	Primary Fire Signaling

3 Mounting

The ANN-S/PG ships in a plastic enclosure which must be mounted inside the annunciator or accessory cabinet.

To mount the ANN-S/PG plastic enclosure into the appropriate cabinet:

1. Remove the ANN-S/PG cover. Use a small screwdriver if necessary.
2. Remove the ANN-S/PG circuit board from the base by pushing outward on the base snap retaining tabs and lifting out the circuit board.
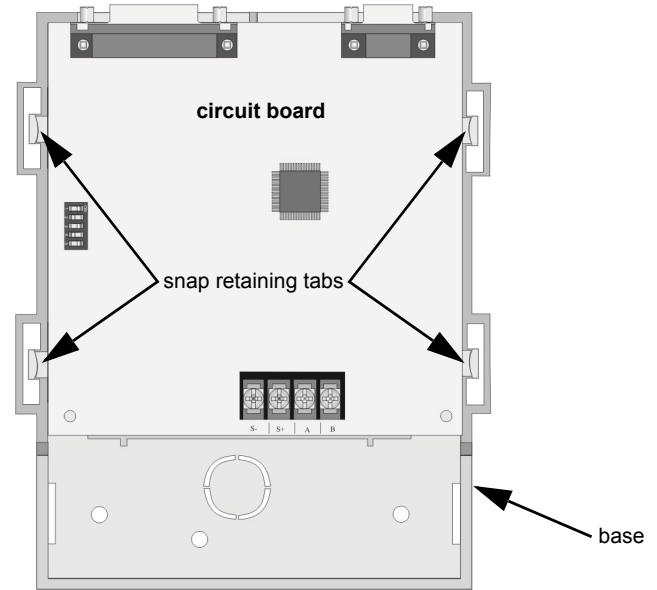

Figure 1 ANN-S/PG Circuit Board And Plastic Base

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 to a FACP

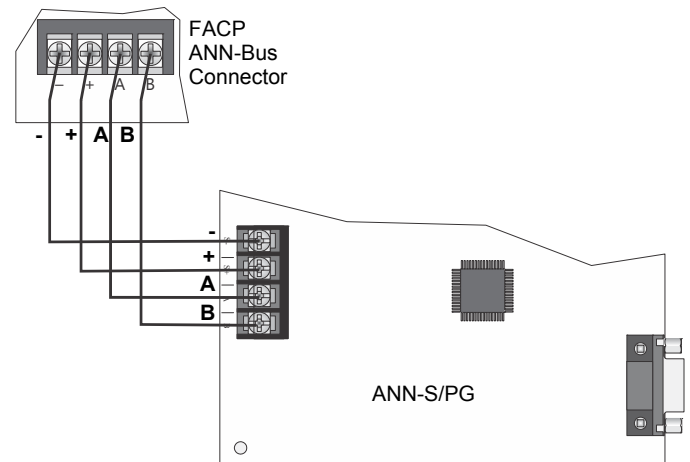Terminate the wiring as shown in the diagram and table below.

Figure 2 Wiring the ANN-S/PG to the FACP

ANN-S/PG Terminals	FACP ANN-BUS Terminals
B	B
A	A
S+	PWR+
S-	GND –

Table 1 ANN-S/PG to FACP Connections

5 Setting DIP Switches

Each ANN-S/PG connected to a compatible FACP requires an ID number (SLC address) which is set using the DIP switches on the ANN-S/PG circuit board. Refer to the figure below to see how to position the DIP switches for the desired ID number. See the FACP installation manual for specific information on device ID assignments. *Note that address 0 is invalid and cannot be used.*
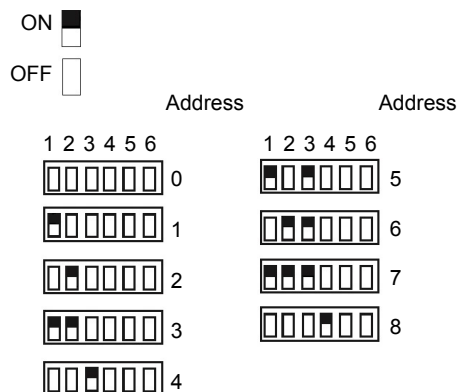

Figure 3 DIP Switch Settings

6 Connecting to a Printer

Cables are not supplied with the ANN-S/PG. Use either a pass-through 9-pin serial cable or a 25-pin Centronics® parallel cable to connect the ANN-S/PG to the printer. Using the appropriate printer cable, connect the cable to the serial or parallel port on the ANN-S/PG, and then connect it to the printer.