

FIRE·LITE® ALARMS by Honeywell

ANN-S/PG Serial/Parallel Printer Interface Module Installation Instructions

The ANN-S/PG Serial/Parallel Printer Interface Module (ANN-S/PG) connects a compatible fire alarm control panel (FACP) directly to a printer to print event history. You can also print system event logs in real time and detector status from addressable FACPs. 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.

Specifications

Operating Voltage: 24 VDC

Current (Alarm and Standby): 50 mA

Ambient 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

Mounting

The ANN-S/PG comes 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 screw driver if necessary.
2. Remove the ANN-S/PG circuit board from the base by pushing outward on the base snap retaining tabs and lifting the circuit board out.

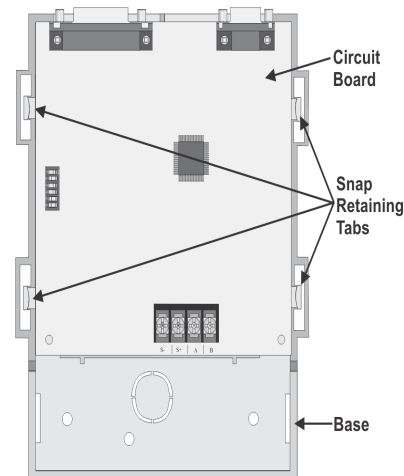


Figure 1: ANN-S/PG Circuit Board And Plastic Base

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.

Wiring to a FACP

See Table 1 and Figure 2 to terminate the wiring.

Table 1: ANN-S/PG to FACP Connections

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

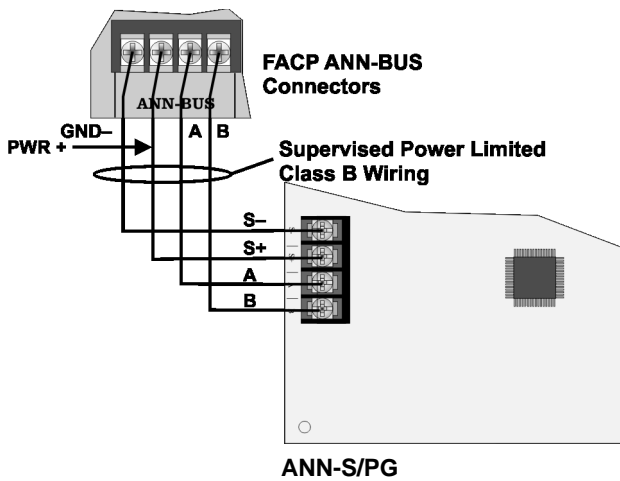
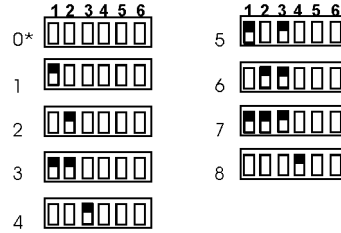


Figure 2: Wiring the ANN-S/PG to the FACP

Setting DIP Switches

Each ANN-S/PG connected to a compatible FACP requires an ID number which is set using the DIP switches on the ANN-S/PG circuit board. Refer to Figure 3 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.

ON Number Next to DIP Switch is the Corresponding ID Number
 OFF



*Note: Address 0 cannot be used

Figure 3: ANN-S/PG DIP Switch Settings Used to Set the ID Number

Connecting to a Printer

You need to provide either a pass-through 9-pin serial cable or a 25-pin-to-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.



One Fire Lite Place
 Northford, CT 06472
 USA TEL: (203)484-7161
 www.firelite.com
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