

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 FACP's. 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

Table 1: ANN-S/PG 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 | 6,000 ft. (1,829 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) |

Mounting

The ANN-S/PG has a plastic enclosure that is surface mounted.

To mount the ANN-S/PG enclosure:

1. Remove the ANN-S/PG cover. Use a small screw driver if necessary.
2. Remove the ANN-S/PG circuit board from the enclosure base by pushing outward on one of the snap retaining tabs at the bottom (as orientated in Figure 1) and lifting the circuit board out.

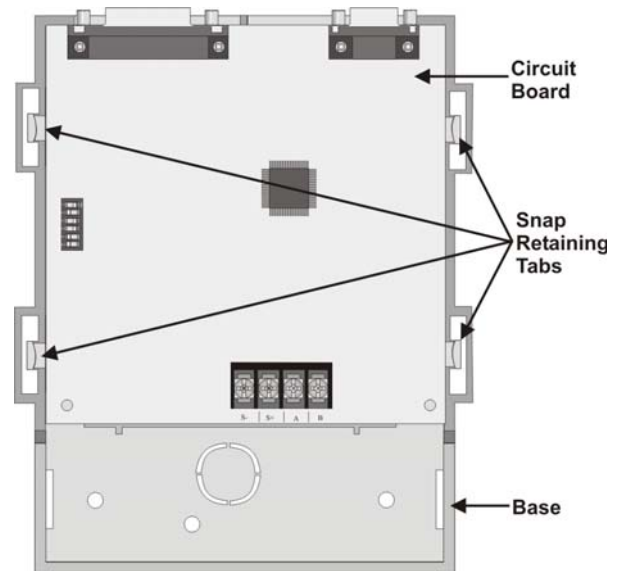


Figure 1: ANN-S/PG Circuit Board And Enclosure Base

3. Remove knockout if running wires through the back of the base, and mount the base using any of the mounting holes provided (Figure 2). Mounting hardware not included.

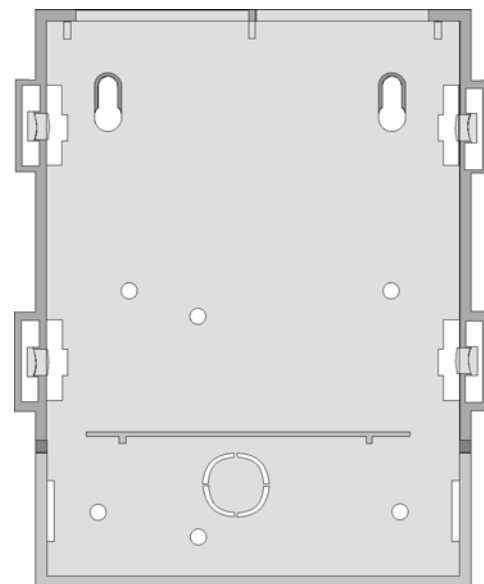


Figure 2: Enclosure Base

4. Snap the circuit board back in the base so the snap retaining tabs hold it in place.

Note: It may be necessary to wire to the circuit board before placing it back in the base. See *Wiring to a FACP*.

Wiring to a FACP

See Table 2 and Figure 3 to terminate the wiring.

Table 2: ANN-S/PG to FACP Connections

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

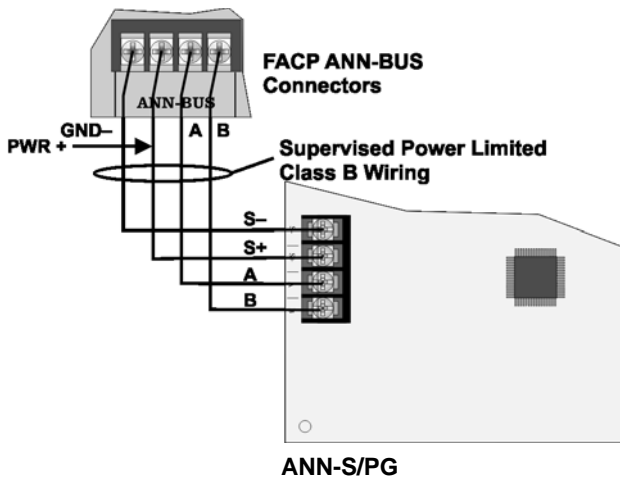
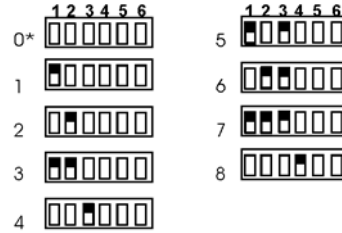


Figure 3: Wiring the ANN-S/PG to the FACP

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 4 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 4: 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.



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