## Description

The SI-ID is a single input device that allows you to connect a single non-addressable device to the PinPoint system. The system provides flexible and reliable two-way communication between the device and the controller.

## Installation

1.  Remove the lid to open the unit (*Figure 1*).

⚠ **CAUTION**  **You must be free of static electricity before handling sensor circuit boards. Touch a grounded, bare metal surface before touching circuit boards or wear a grounding strap.**

2.  Set the PinPoint address DIP switches (*Figure 2*). Devices are shipped with DIP switches set to 255. This is an invalid address. The device will no communicate with the controller until a valid address has been set. Refer to the controller's manual to determine the correct address setting for each unit.

3.  Remove the wiring knockouts (*Figure 3*) most convenient for your installation.

4.  Pull the PinPoint wiring through the wiring holes

5.  Mount the unit by either using a standard double gang receptacle box or using two #6 screws to mount the unit through the wall mounting holes (*Figure 3*) directly to the wall.

6.  Strip 1/4 inch (6.4 mm) of insulation from the PinPoint wires. Connect the wires to the appropriate screw terminals (*Figure 4*) and tighten the screws.

7.  Replace the lid and screw the unit together (*Figure 1*).
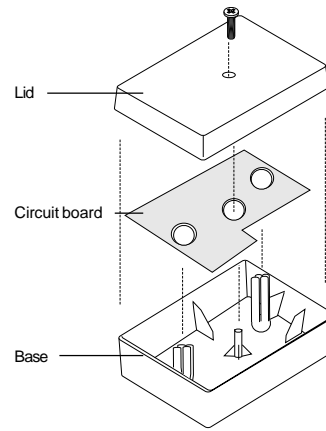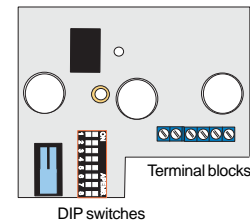
Figure 1.    Exploded view



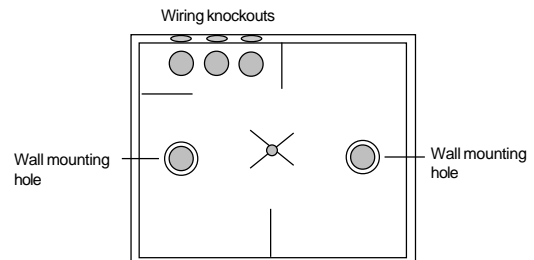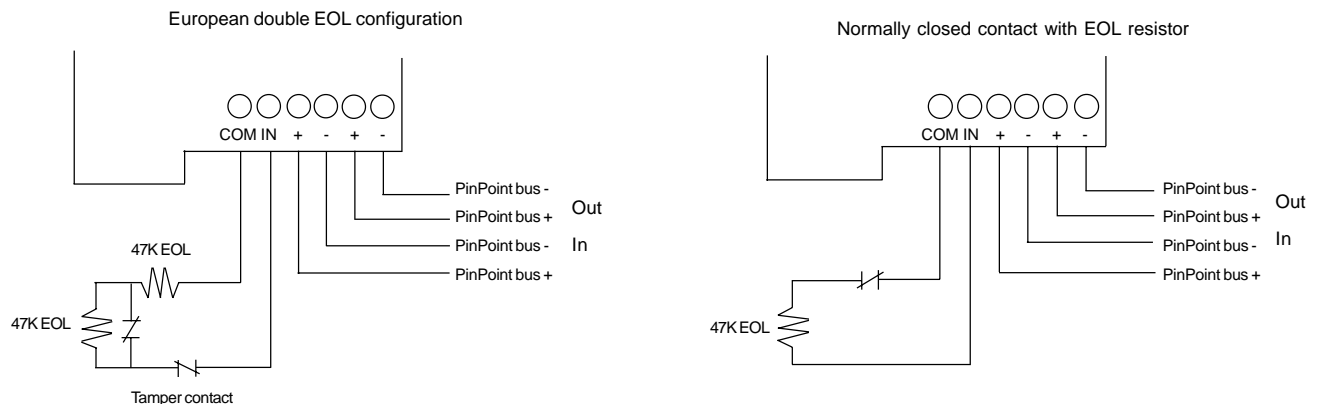Figure 2.    Circuit board



Figure 3.    Wiring diagram



Figure 4.    Wiring

## Specifications

| | |
|---|---|
| Housing material | Flame retardant ABS |
| Operating voltage | 8 to 27 VDC (as supplied by the panel) |
| Signaling voltage | 4 to 9 V |
| Current draw | 250mA |
| Signaling current | 20mA |
| Operating temperature | 32 to 131°F (0 to 55°C) |
| Relative humidity | 10 to 90% non-condensing |
| Maximum line length | 10,000 feet (3 km) |
| Dimensions: | |
| Width | 3.3 in. (8.4 cm) |
| Depth | 1.3 in. (3.3 cm) |
| Height | 2.8 in. (7.1 cm) |
| Color | White |
| Listings | UL 365, UL 609, UL 985, UL 1023, UL 1610, FCC, CE |

Inputs:

| Input loop resistance (47K EOL included) | Reported to panel |
|---|---|
| > 1Meg Ohm | Open |
| 47K ± 5% | Single EOL |
| 94K ± 5% | Double EOL |
| < 20 Ohm | Short |

## FCC compliance

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interferences tha may cause undesired operation.

## Product ordering

| Product | Description |
|---|---|
| SI-ID | Addressable single input interface that allows you to connect a single non-addressable device to the PinPoint bus. |