

SI-ID

Installation Instructions



Description

The SI-ID is a single input interface 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.

Mounting the Unit

1. Remove the lid to open the unit. See Figure 1.

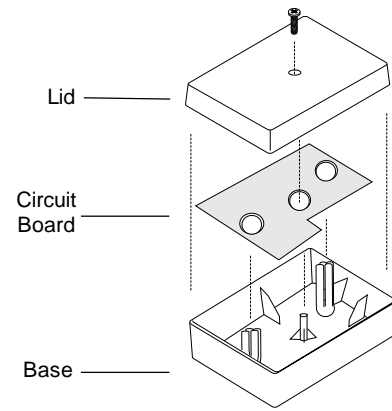


Figure 1. Exploded View



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. See Figure 2.

Note

Devices are shipped with DIP switches set to 255. This is an invalid address. **The device will not communicate with the control panel until a valid address has been set.** Refer to the NX-2192 manual to determine the correct address setting for each unit.

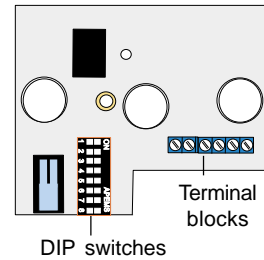


Figure 2. Circuit Board

3. Remove the wiring knockouts 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 directly to the wall.
6. Strip 1/4 inch (6.4mm) of insulation from the PinPoint wires. Connect the wires to the appropriate screw terminals and tighten the screws. See Figure 4.
7. Replace the lid and screw the unit together.
8. Test the unit when the PinPoint system is completely installed and the control panel is powered.

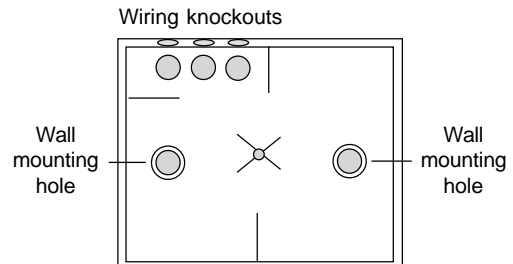


Figure 3. Base

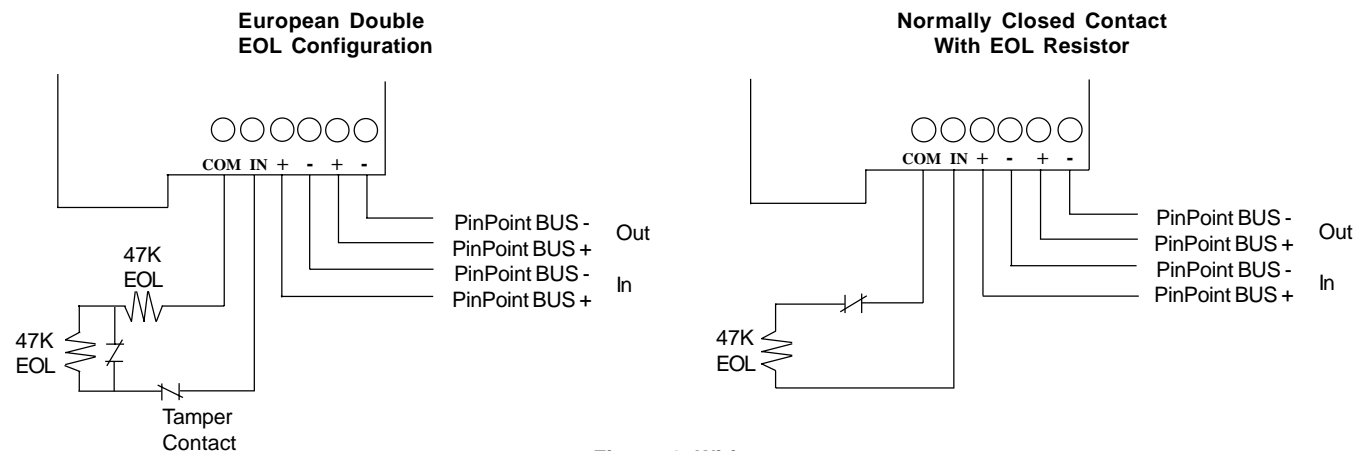


Figure 4. Wiring

Specifications

Housing material	Flame retardant ABS
Operating voltage	8 to 27VDC (as supplied by NX-2192)
Signaling voltage	4 to 9V
Current draw	250µA
Signaling current	20mA
Operating temperature	32 to 131°F (0 to 55°C)
Relative humidity	10 - 90% non-condensing
Maximum line length	10,000 feet (3km)
Dimensions:	
Width	3.3 inch (8.4cm)
Depth	1.3 inch (3.3cm)
Height	2.8 inch (7.1cm)
Color	White
Listings	UL 365, UL 609, UL 985, UL 1023, UL 1610, FCC
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 interference that may cause undesired operation.

Product Ordering

Product	Description
SI-ID	An addressable single input interface that allows you to connect a single non-addressable device to the NX-2192 PinPoint Bus Interface.



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