

Point Pickup Module

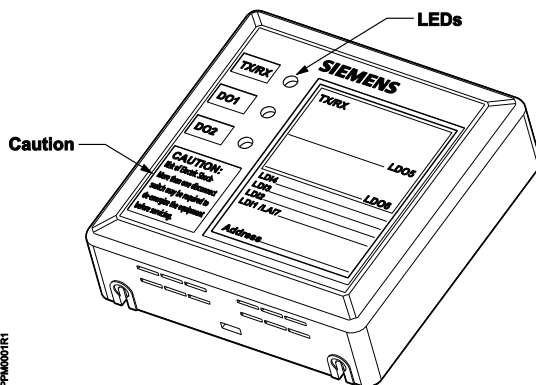


Figure 1. Point Pickup Module.

Product Description

The Siemens Point Pickup Module Controller is a slave I/O device that communicates in P1 FLN. It is designed to allow point expansion for other Siemens controllers and reside on any APOGEE Siemens Building Technologies control system.

Product Numbers

Point Pickup Module

PPM-1U32.PPR

Accessories

Point Pickup Module DIN KIT PPM-DIN.KIT

See the *Point Pickup Module DIN Kit* Installation Instruction (550-990).

Warning/Caution Notations

WARNING:		Personal injury/loss of life may occur if you do not follow the procedures as specified.
CAUTION:		Equipment damage, or loss of data may occur if you do not follow the procedures as specified.

Required Tools

- Small Flat-blade screwdriver
- Cordless drill/driver set

Expected Installation Time

15 minutes

Prerequisites

- Wiring conforms to NEC and local codes and regulations. For more information, refer to the *Wiring Guidelines manual* (125-3002).
- 24 Vac Class II power source available.
- Supply power to the controller is OFF.
- Any application specific hardware or devices installed.

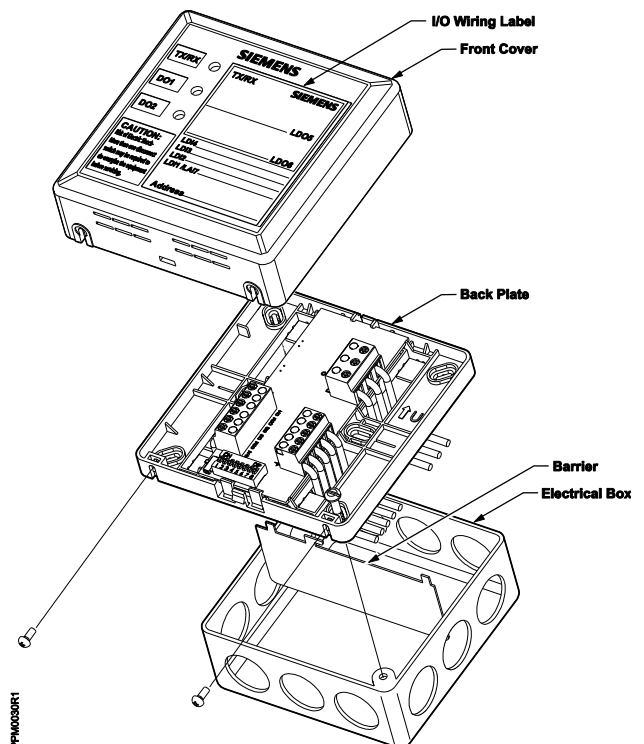


Figure 2. PPM assembly with 4"x4" electrical box.

Installation

1. Disconnect power.
2. Install barrier onto backplate.

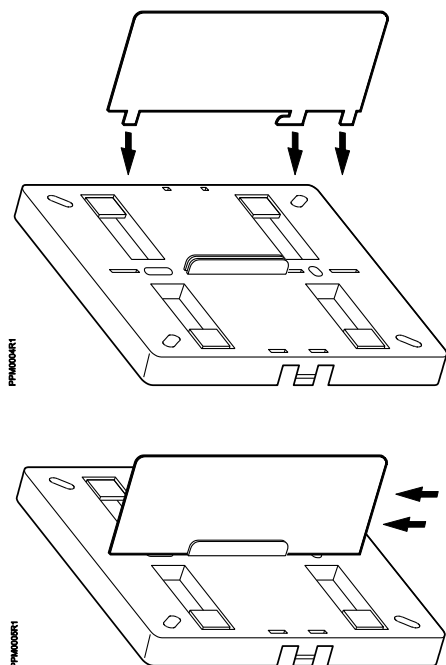


Figure 3. Installing the barrier.

3. Run wiring up through backplate to terminals.

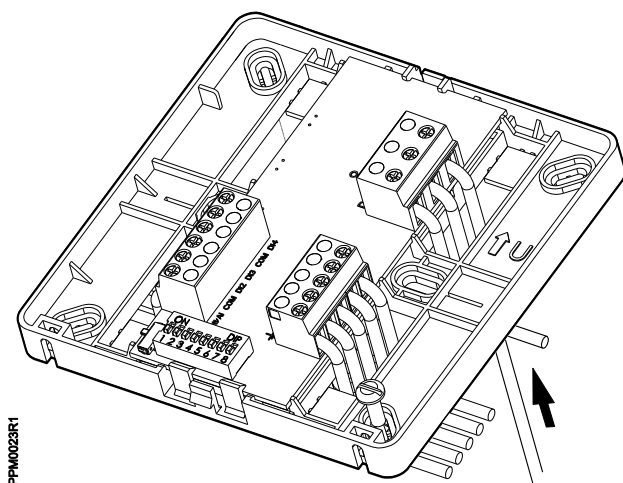


Figure 4. Routing I/O wiring.

4. Connect wiring to power and I/O terminals.

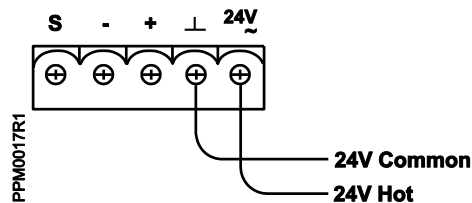


Figure 5. Power Wiring.

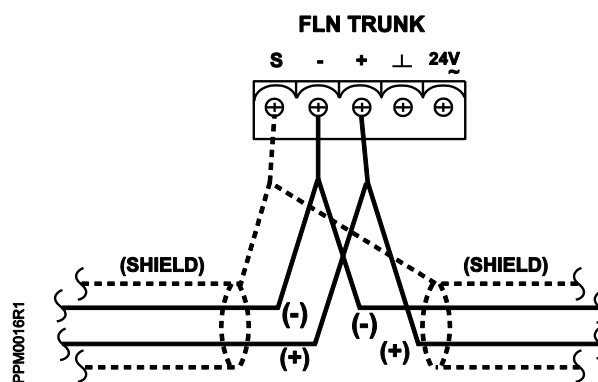


Figure 6. FLN Wiring.

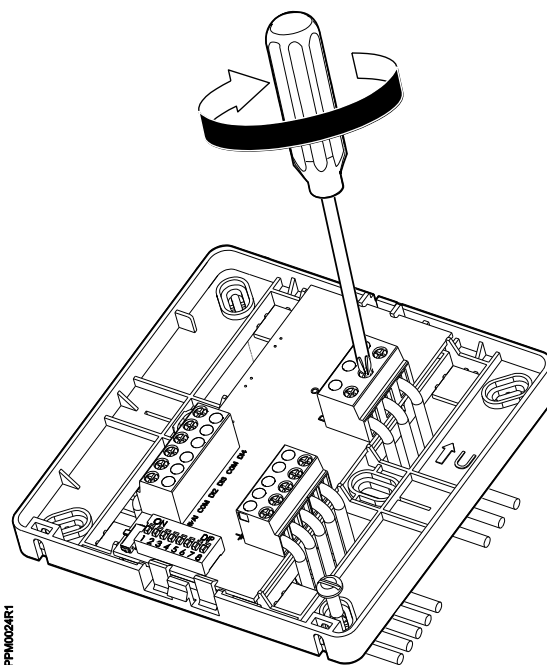


Figure 7. Wiring I/O to terminals.

5. Mount backplate to electrical box.

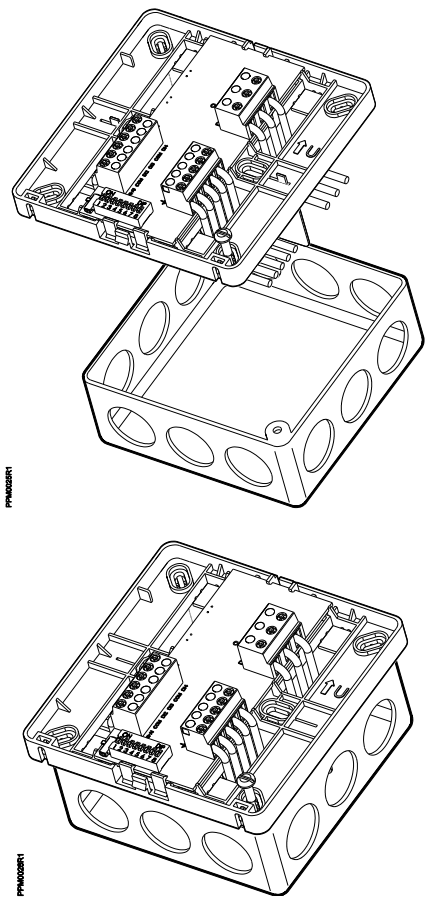


Figure 8. Mounting Back plate to electrical box.

6. Set address using DIP Switches. Binary 0 to 255 from positions 1 through 8.
Example 1: Switch 1 and 2 ON = Address 3.
Example 2: Switch 1 and 4 ON = Address 9.

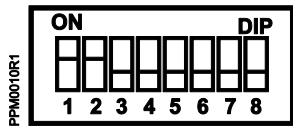


Figure 9. DIP Switches (showing address 3).

7. Restore power.
8. Verify power, TX/RX LED is ON solid.

9. Snap front cover on.

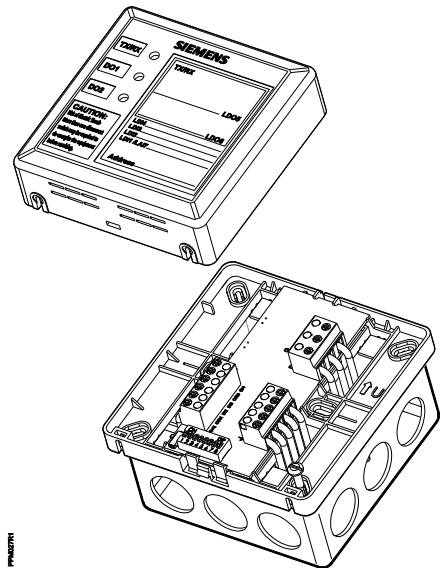


Figure 10. Installing Front cover to back plate.

Table 1. Logical Point Descriptions.

Logical Point #	Description (on board)
1	DI 1
2	DI 2
3	DI 3
4	DI 4
5	DO 1
6	DO 2
7	AI 1

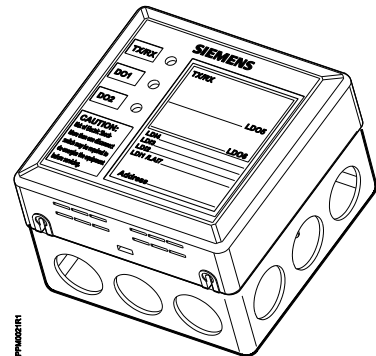


Figure 11. PPM on 4x4 inch Electrical Box.

10. Record logical point assignments on label.
The installation is now complete.

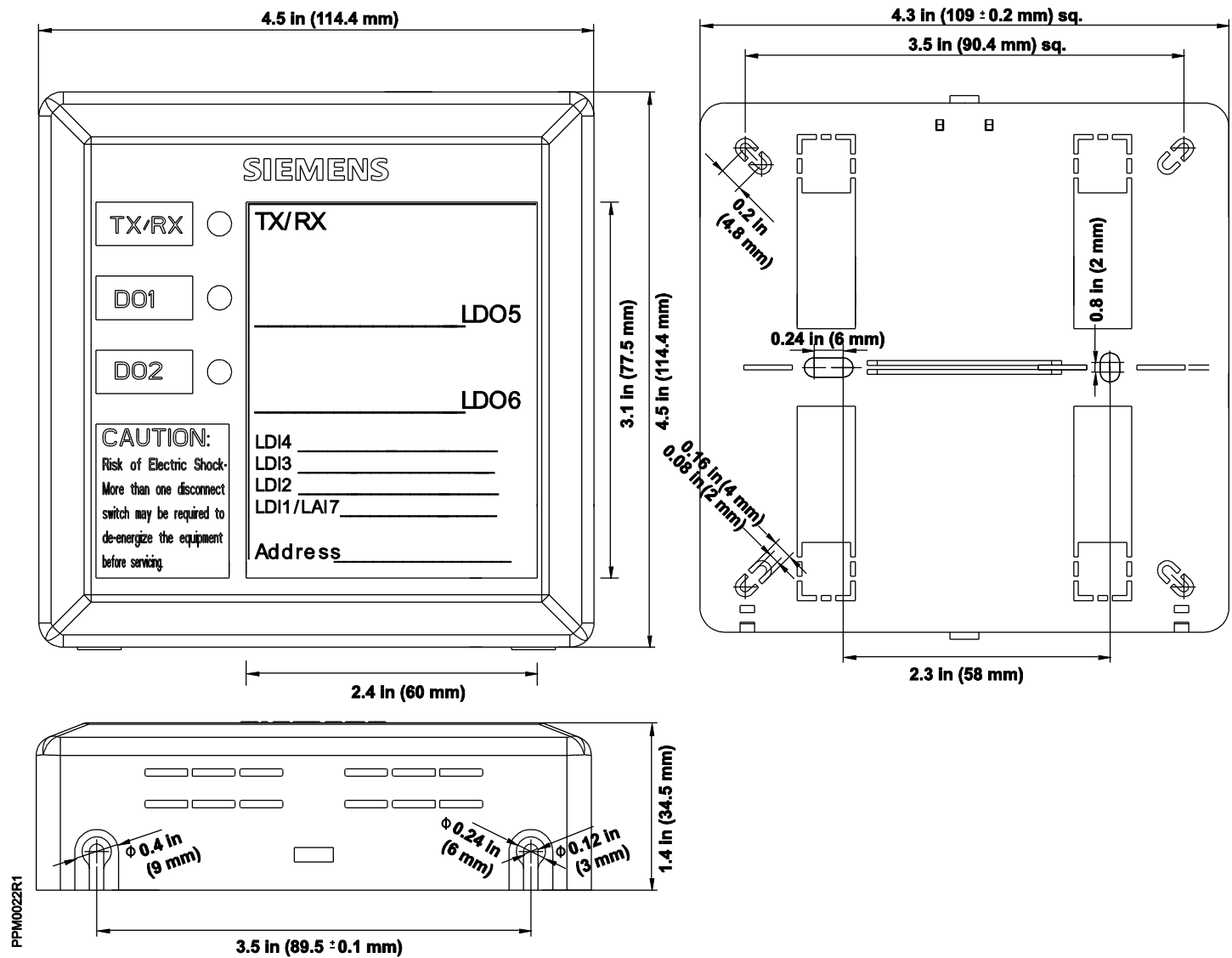


Figure 12. PPM Dimensions.



The PPM may not fit in smaller junction boxes if using multiple or lower gauge wires. A larger junction box or expansion box may be needed in these cases.

Wiring Diagrams

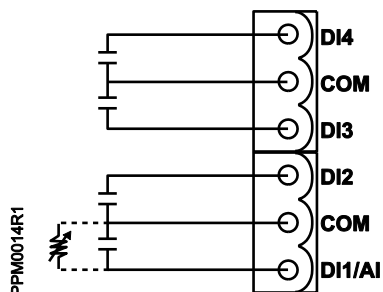


Figure 13. AI/DI Wiring.

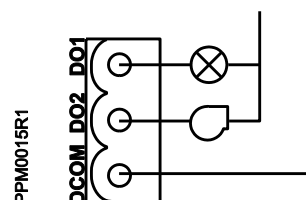


Figure 14. DO Wiring.

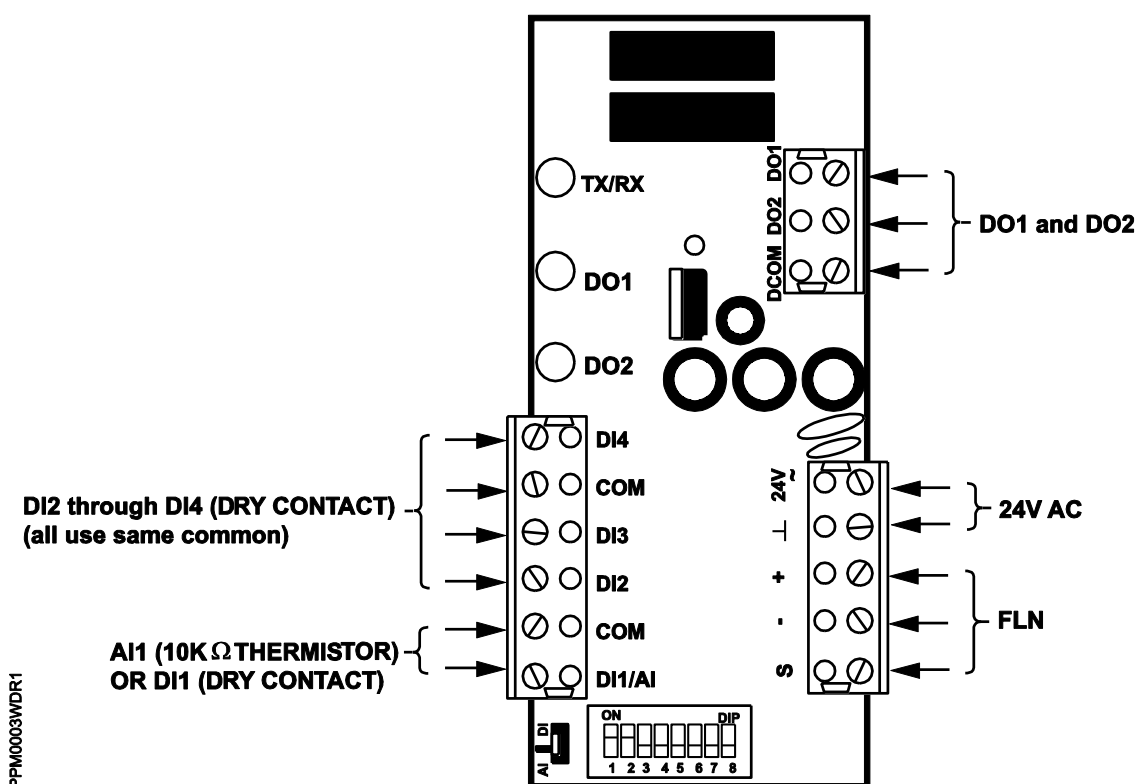


Figure 15. PPM Wiring Diagram.

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