

## **PSDH105 2H/1C DIGITAL NON-PROGRAMMABLE THERMOSTAT**

- **Electronic Accuracy**
- **Non-Programmable**
- **Large, Easy-To-Read Digital Display**
- **Temperature Swing Adjustment to as close as + or - 1/4° F/C**
- **Low Battery Indicator**
- **Auxiliary and Emergency Heat Indicator**
- **Emergency Heat Position**
- **Optional Decorative Wall Plate**
- **5 Minute Compressor Delay**
- **5 Minute Minimum On Time**

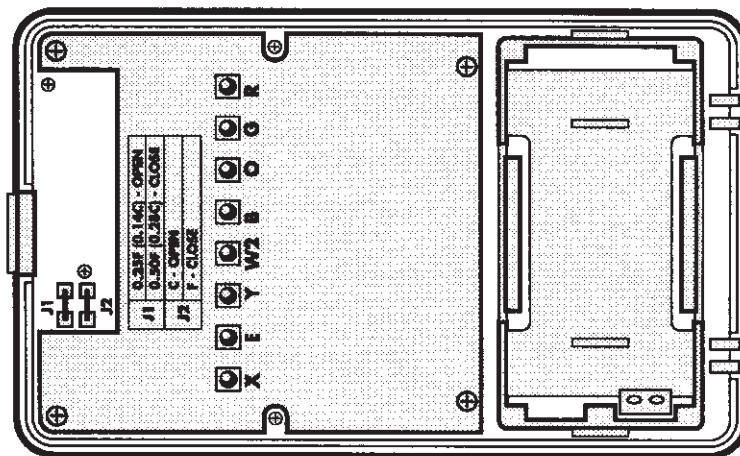
### **COMPATIBLE WITH:**

- 1 or 2 Stage Heat / 1 Stage Cool Heat Pumps

### **NOT COMPATIBLE WITH:**

- Multi-Stage Gas or Oil Furnace
- 3 Wire Hydronic Systems
- 120V or 240V Systems (Without Transformer)

# LUXPRO<sup>®</sup> PSDH105



## GENERAL DESCRIPTION:

4½" (115mm) wide x 2¾" (70mm) tall x 1½" (38mm) deep

Optional Wall Plate: 4¾" (120mm) wide x 5" (125mm) tall x ⅛" (4mm) thick.

**Description:** Battery powered digital thermostat with a large easy-to-read display.

Temperature control adjustable from factory set at ± ½° F/C.

Adjustable to ± ¼° F/C.

## SPECIFICATIONS:

**Electrical Ratings:** 1½ AMPS at 24v AC. System or Battery Powered: 2 "AA" Batteries (included).

**Temperature Control Range:** 45°F to 90°F (7° to 32°). Accuracy: ±1°F over a range of 50°F to 95°F.

**Compatibilities:** 1 or 2 Stage Heat / 1 Stage Cool Heat Pumps. 2 Wire Zone Hydronic Systems and Hydronic Air Handling Systems.

**Terminals:** R, G, O, B, W2, Y, E, X. Solid Pin Connectors.

### Environmental Limits:

Moisture and Dust: meets IP20.

Operating Humidity: 20% to 90% non-condensing.

Operating Temperature: +32°F to +95°F (+0°C to +35°C).

Storage Temperature: -4°F to +130°F (-20°C to +54°C).

Electrical Immunity: meets relevant CE specifications.



**LUX Products Corporation** 6000 I Commerce Parkway • Mt. Laurel, NJ 08054  
(856) 234-7905 • FAX (856) 234-7825 • [www.luxproproducts.com](http://www.luxproproducts.com)

JOB NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

UNIT DESIGNATION: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

MODEL NO.: \_\_\_\_\_

SUBMITTED FOR:  APPROVAL  RECORD

LOCATION: \_\_\_\_\_