Wire harness diagram

The Standard and WiFi Sensor Switches wire the same way. Know where power ends and the control circuit begins before you land terminals.

Wire jacket colors may vary. Follow the terminal functions shown.

This wiring diagram is for a 24-volt AC control circuit.

4 wires exit the main housing toward the bottom of the sensor.

Power pair → Hot and Common on the 24V AC source.

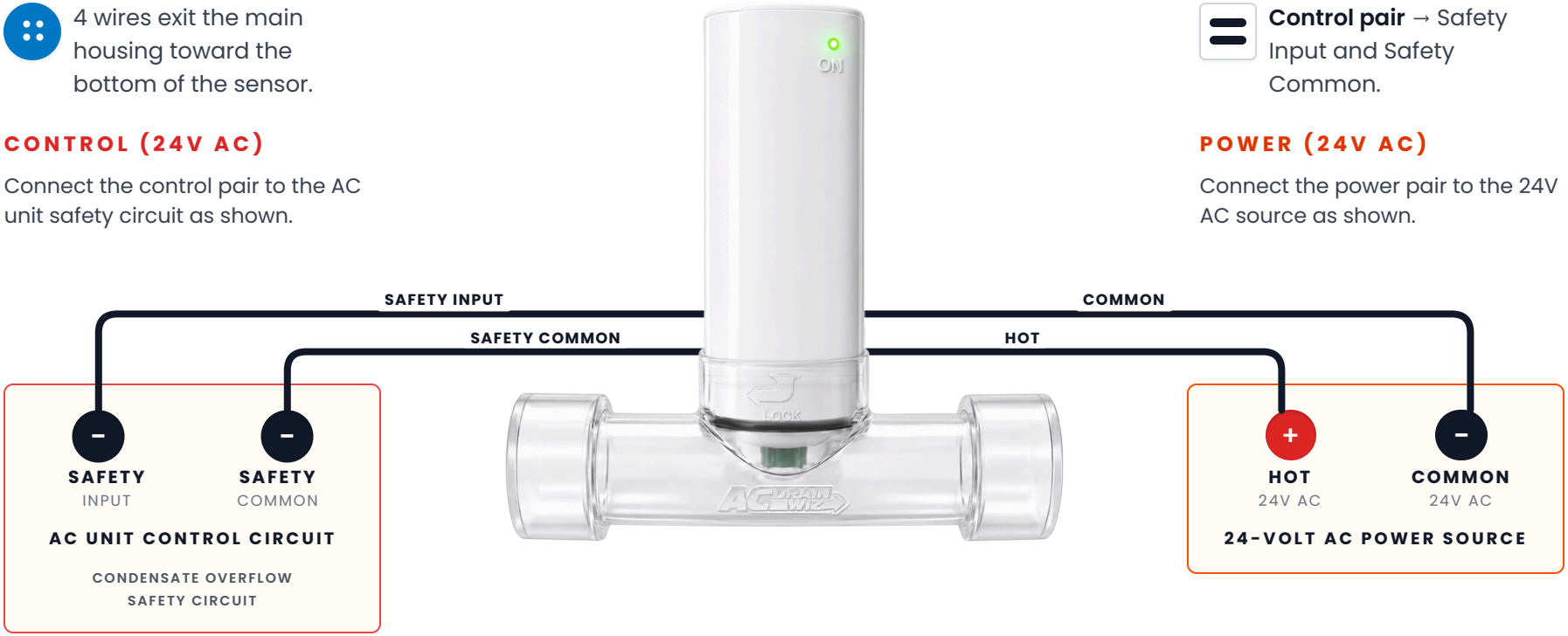
Control pair → Safety Input and Safety Common.

CONTROL (24V AC)

Connect the control pair to the AC unit safety circuit as shown.

POWER (24V AC)

Connect the power pair to the 24V AC source as shown.

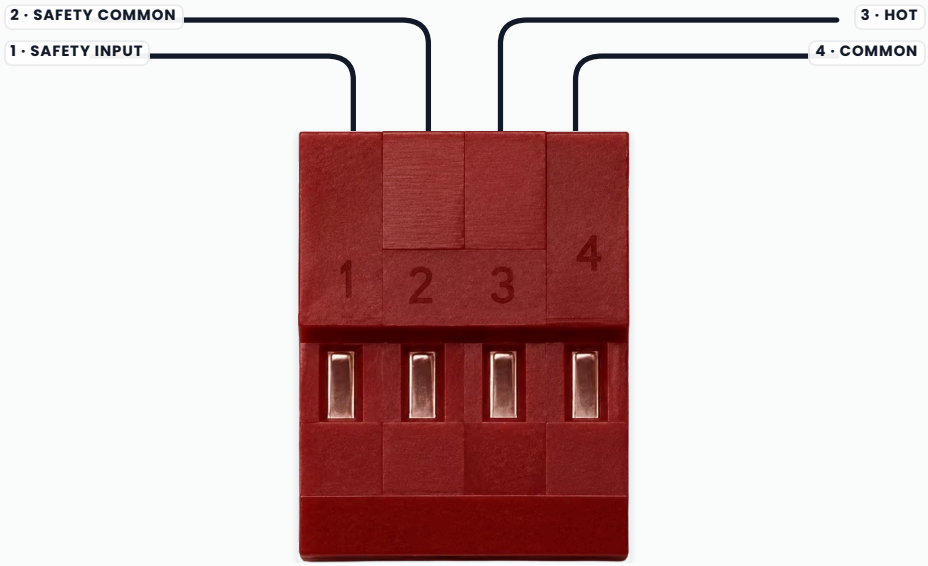


IMPORTANT SAFETY INSTRUCTIONS

- Turn off power before installation.
- Confirm all connections are tight, insulated and wired according to the diagram before powering the system.

Harness connector close-up

The pin numbers molded into the connector match the four field leads. Use them to confirm which lead is which before you land terminals.



Plug into the sensor's internal board

Factory-installed connector inside the sensor housing. The four leads you wire in the field are the other end of this harness.

1 Safety Input
→ AC unit safety circuit

2 Safety Common
→ AC unit safety circuit

3 Hot
→ 24V AC source

4 Common
→ 24V AC source

Wire jacket colors may vary. Follow the terminal functions shown.