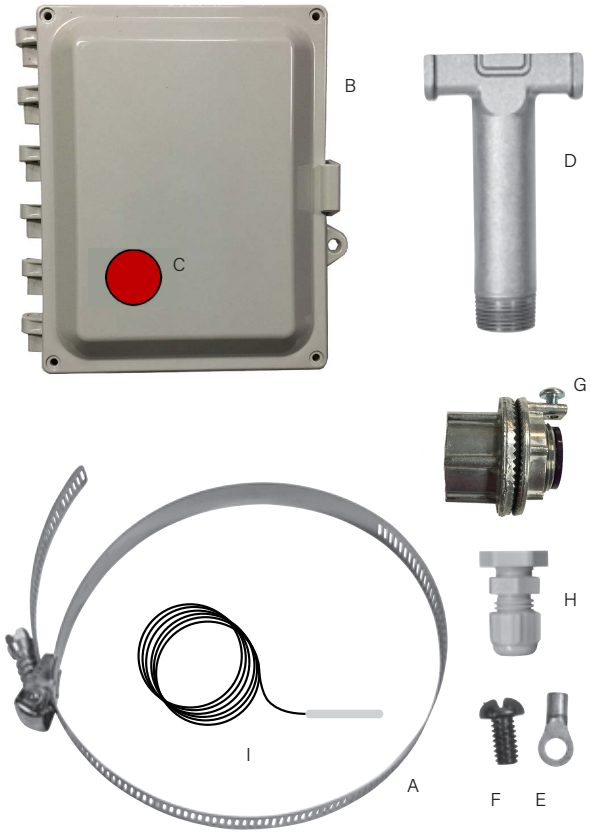
OLC-PC

Electronic Temperature Control and Monitor Light



A. Pipe Straps (2) fit up to 6" NPS (nominal pipe size)

B. Polycarbonate Enclosure (8" x 6" x 4")(A421ABC-2C is inside the enclosure*)

C. LED Light

D. 3/4" Stand-off Pipe

E. Ring Connector

F. Ground Screw

G. Hub with ground screw

H. Cord Grip

I. Thermistor sensor

* Instructions for A421ABC-2C are included.

DESCRIPTION

The Delta-Therm OLC-PC-120 and OLC-PC-240 are electronic temperature controls with a monitor light. The device provides visual monitoring of when power is being applied to field terminated self-regulating and constant wattage cables.

The OLC-PC is supplied complete with prewired A421ABC-2C thermostat, exterior LED light, stand-off and all of the necessary components to install the device for either line or ambient sensing applications.

OLC-PC FEATURES

Contains One Prewired A421ABC-2C Thermostat

- A421ABC-2C Electrical Rating:
  - 15 Amps At 120 VAC
  - 10 Amps At 240 VAC
  - 10 Amps at 208 VAC
- A421ABC-2C can be used for Line or Ambient Sensing and has an Adjustable Setpoint.
- NEMA 4X Polycarbonate Enclosure
- Lockable Enclosure
- 7.5" x 9.5" x 5.5" Enclosure provides room to make connections
- Hinged Cover is Easy to Open and Close
- 100,000 Hours of LED Light Operating Life
- Vibration Resistant
- Large Viewing Angle
- Suitable for Wet Locations
- 120, 208 or 240 VAC

NOTE

Must specify voltage when ordering:

OLC-PC-120 for 120VAC
OLC-PC-240 for 208 or 240VAC

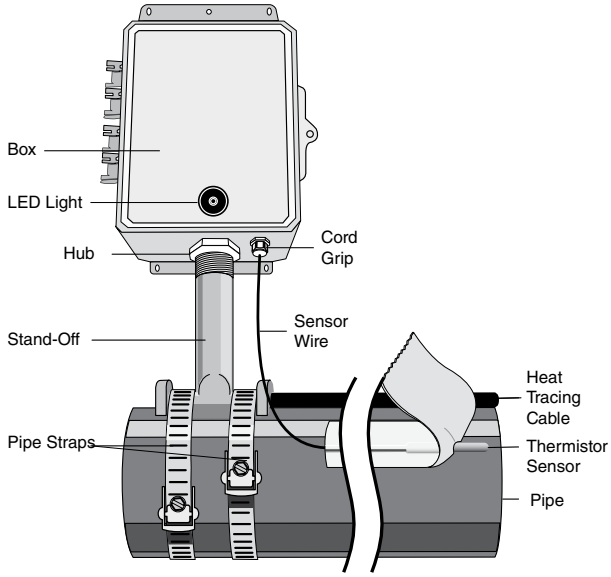
ADDITIONAL REQUIRED MATERIALS

- Heat Trace Cable (Self-Regulating or Constant Wattage)
- Power Termination Kit or Splice Kit

Installation Instructions

OLC-PC

Electronic Temperature Control & Monitor Light for Ordinary Locations

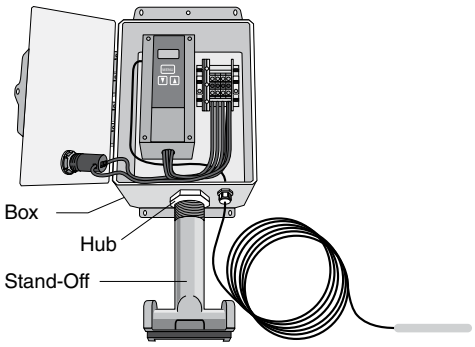


Detail 1. Finished installation of the OLC-PC when installed for line sensing applications.

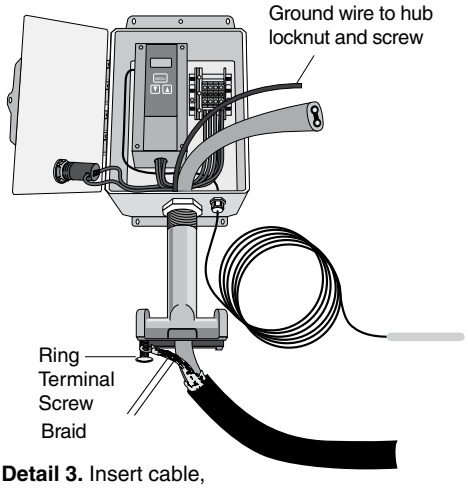
INSTALLATION

1. Screw the hub onto the stand off and remove hub locknut. Open OLC-PC panel door, place box on hub, and secure with locknut. Refer to Detail 2.
2. Terminate heat trace cable following the instructions included with the power connection kit. Refer to Detail 3.
3. Connect heat trace cable to the internal lead wires (labeled LOAD L1 & L2/N). Refer to Detail 4.
4. Connect ground wire to hub locknut and screw.
5. Connect electrical power as shown in Detail 4.
6. For line sensing applications attach the thermistor directly to pipe, under insulation. For ambient sensing applications mount sensor in a suitable location, do not locate in direct sunlight or on surfaces which absorb heat. Connect thermistor sensor to OLC-PC with cord grip or conduit. Do not mix with line voltage wiring.

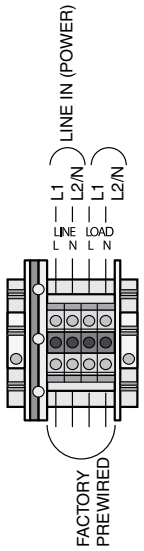
See A421 Instructions for programming.



Detail 2. Box on stand-off with open OLC-PC door.



Detail 3. Insert cable, attach ring terminal, ground wire and braid.



Detail 4. Terminals

TECHNICAL SUPPORT
Please call 1-800-526-7887 with any questions.