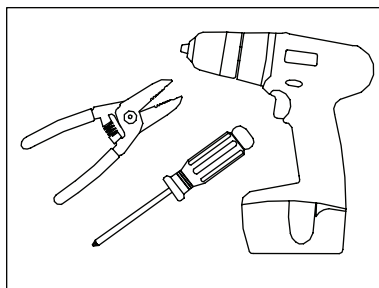
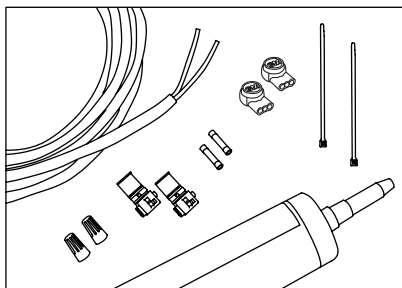


Compact 24/40 Power Supply

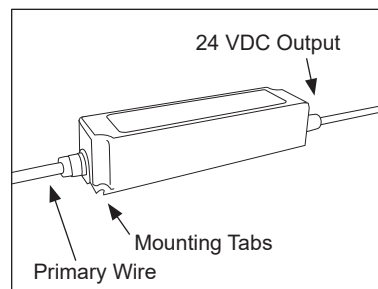
Installation Guide for PN 410175 – NEC Class 2 Output



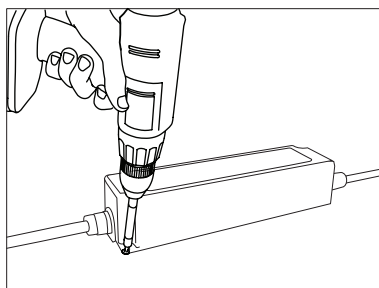
1. **Tools required:** Wire strippers, drill, and screwdriver



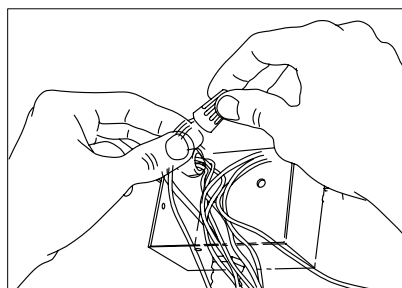
2. **Supplies required:** Conduit and electrical enclosure for power supply if not placed in a sign with polycarbonate face material, #6 pan head screws, UL Listed PLTC cable, electrical wire connectors (e.g., wirenuts), ½ in (13 mm) locknuts, silicone.
Europe: Junction box, M3 pan head screws, PLTC cable, silicone, 3M™ Scotchlok™ connectors.



3. **Power Supply:** Identify primary wires, secondary wires, and location of mounting tabs.



4. **Mount Power Supplies:** Use mounting tab in corner to secure power supply.



5. **Connect Primary CAUTION:** Have a licensed electrician connect primary.

NOTE: Power supply operating temperature is -40° to 60° C. Power supply must be mounted in an enclosure (i.e., transformer can). Keep proper ventilation around unit and do not stack any object on it. Also, a 4-6 in (10-15 mm) clearance must be kept when adjacent device is a heat source. If mounted inside a sign cabinet, UL requires that cabinet and face are made with enclosure rated materials.

Ensure power supplies are not overloaded by verifying output current is less than 1.67 DC Amps.

It is recommended to use photo-cells or light sensors to prolong life of the power supply and to keep unit at maximum operating efficiency.

TROUBLESHOOTING

If sign is not functioning properly, check the following:

- Primary voltage is between 90-305 VAC
- Secondary voltage is 24 VDC
- Output current is 1.67 Amps or less
- Power supply is not overloaded (Reference Power Supply Capacity Chart in product installation guide or SloanLED.com)
- There are no shorts in secondary wiring
- All secondary connections are made per product installation guide

SloanLED products carry a limited warranty.
For complete details refer to warranty policy found at SloanLED.com

