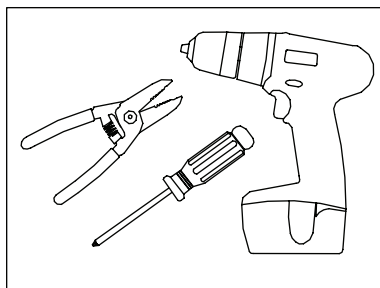
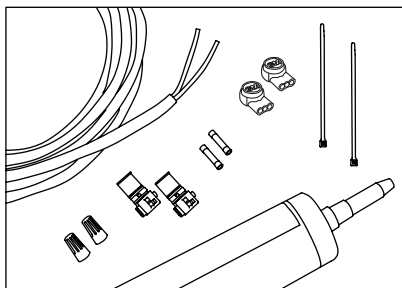


# Compact 12/25 Power Supply

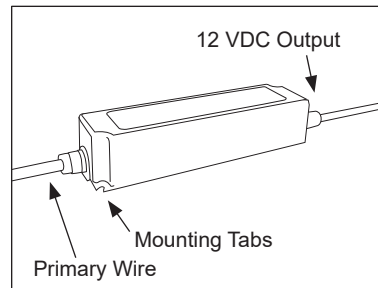
## Installation Guide for PN 410174 – NEC Class 2 Output



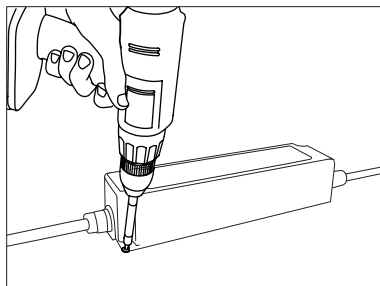
1. **Tools required:** Wire strippers, drill, and screwdriver



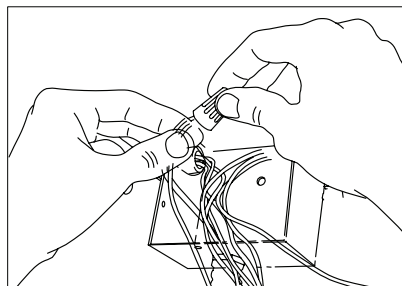
2. **Supplies required:** Conduit and electrical enclosure for power supply if not placed in a sign with polycarbonate face material, #6 pan head screws, UL Listed PLTC cable, electrical wire connectors (e.g., wirenuts), 1/2 in (13 mm) locknuts, silicone.  
**Europe:** Junction box, M3 pan head screws, 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 -35° to 60° C (Derate to 75% of load at 60° C). Power supply must be mounted in an enclosure (i.e., transformer can). Power supplies must have 2 in (50 mm) of space on each side and 2 in (50 mm) minimum from top of enclosure. If mounted inside a sign cabinet without a transformer can, UL requires that cabinet has a polycarbonate face.

Ensure power supplies are not overloaded by verifying output current is less than 2.1 DC Amps.

It is recommended to use a photo-cell or light sensor to prolong life of the power supply by turning it off during daylight hours.

### TROUBLESHOOTING

If sign is not functioning properly, check the following:

- Primary voltage is between 100-277 VAC
- Secondary voltage is 12 VDC
- Output current is 2.1 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 RED-TO-RED and BLACK-TO-BLACK

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

