AUXILIARY ARC LAMP CONTROL Model LD-2

SPECIFICATION SHEET AND OPERATION

- This relay will turn on the auxiliary arc lamp (quartz or incandescent) during a cold start or a hot start and will turn it off automatically when the HID lamp has reached its acceptable intensity level.
- This relay can be used on most of HID lamp up to 450 watts reducing the inventory of relays.
- It is a solid state encapsulated device which makes it compact and noiseless.
- It is CSA and UL approved and has a 12 month guarantee.
- It is supplied with 200°C leads and will work at 96°C on housing near rivet.
- It is rated 400 watts at 120 volts for the auxiliary lamp.

NOTE: This relay doesn't work on CWI ballast

The wiring diagram shows how the relay should be connected:

- The white lead is the common connection for the neutral of the AC to the ballast, the auxiliary lamp and the HID lamp.
- The black lead is connected to the 120 volts either direct from the line or from a tap of the ballast.
- The red lead is connected to the auxiliary lamp.
- The yellow lead is used for HPS lamp using a ballast having a 120 volts open circuit voltage.
- The blue lead is used for all other HID lamps using a ballast having an open circuit voltage of 200 to 330 volts.