

1. GENERAL INSTALLATION FOR DC SERIES AUTO NEON TRANSFORMERS

Tube Load

Automatically adjusts to tube length including electrodes from minimum to maximum output listed in footage chart. (See applicable footage chart). Maximum length in feet may vary according to GTO leads length and environment. Always deduct 1 foot per each pair of electrodes. Footage for mercury is based on operation in temperatures above 4C (40F). **DO NOT**

OVERLOAD, exceeding the maximum tube length indicated in the footage chart.

Auto Shutdown

Built in protection circuit will activate and shutdown the power supply if unit is Overloaded.

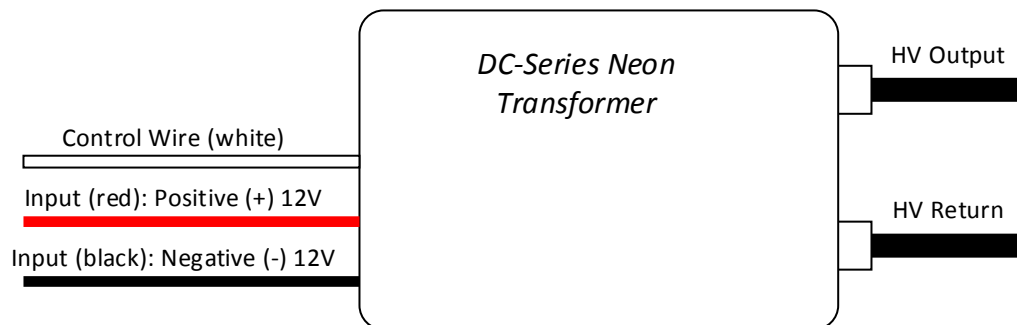
Installation

- The power supply units as-is are intended for **INDOOR USE**. But they may be used for outdoor applications if mounted in metal weatherproof enclosure/box.
- This unit can be installed on either metallic or non-metallic surfaces.
- Always provide adequate ventilation to power supply.
- Keep overall length of GTO leads under 6 feet (2m).
- Always keep a minimum of 1 inch between GTO leads and any metallic surfaces.
- When using multiple power supplies on one sign, be sure to keep at least 3 inches between each unit.
- Never cross GTO leads.
- Never run GTO leads across the power supply.
- Keep GTO leads as equal in length as possible.
- Always keep installation in conformity with all local electric codes.
- Modification of any type including cutting/removing of AC cord, tampering with on/off switch or tampering with casing will void any existing product warranty. **NO EXCEPTIONS.**

2. WARRANTY

*The DC Neon Power Supplies (DC20, DC45, DC75) are warranted to be free from defects in materials and workmanship by a One Year Limited Warranty from invoice date.

Basic Wiring of DC-Series Neon Transformers (DC45 & DC75)



Control wire: this wire turns the unit off when connected to negative (-) input. This can be used to modulate the transformer's output (in other words, to make the neon flash on & off).

The HV Output & Return lines can be connected to either side of the neon tube.