

## Overview

The RDA-PSM Power Supply (FG606-90) is a 30 W module providing an un-regulated output of 12 VDC at 2.5 Amps. The power supply module is designed for use with the RDA series of Radia enclosures.

The RDA-PSM is used to supply extra power to Radia control cards when the amount of power required to drive the modules exceeds the 300 mA supply on each controller.

The module's voltage and current ratings are CE, UL, and C-UL approved.



FIG. 1 RDA-PSM

## RDA-PSM UL and C-UL Ratings

- Output: 12 VDC @ 2.5 A output
- Input: 120 VAC

## Suggested Switched Loads

- Incandescent
- Low-voltage
- Motors
- Switched outlets
- Fluorescent

## Specifications

- Dimensions (HW): 10.00" x 2.75" (25.40 cm x 6.99 cm)
- Non-phase dependant
- Use wires rated at 75°C (167°F)
- Torque terminals to 16 in-lbs. (1.84 N/M)
- Max. wire size: 10 AWG (4 mm<sup>2</sup>)
- Wire stripping length: 0.35" (9 mm)
- Fuse rating: GMA 1 A
- Weight: 2.0 lbs. (0.91 kg)
- BTU/hr: 17
- Provides 2500 mA to drive RDM modules
- Dual 2-pin connectors provided

## Caution: Pre-Installation Notes

- All Class 1 wiring must be connected to proper terminals.
- Disconnect power while installing or connecting the unit.
- Keep top and bottom air vents clear at all times.
- Test loads for shorts before connecting.
- Use low-voltage wires with a 300 volt rating or greater.
- Use field installed copper conductors.
- All electrical ratings are for continuous duty.
- For indoor use only.

Wiring Diagram

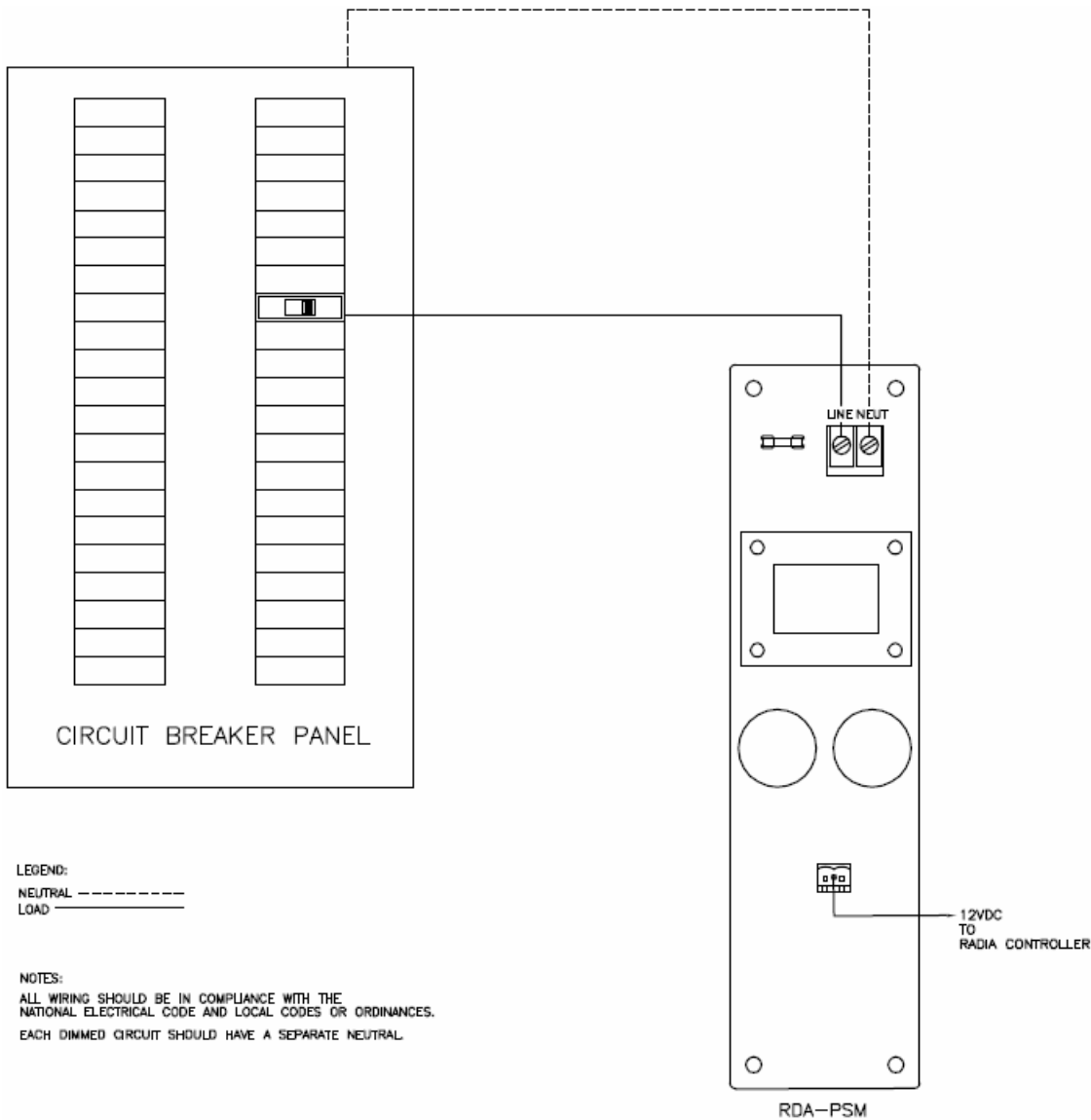


FIG. 2 RDA-PSM LIGHTING MODULE WIRING

