

RDM-2SWM Dual Switch Module, 20 A

Overview

The RDM-2SWM Dual Switch Module (**FG606-51**) is a 20 A general-purpose relay module built for the economical switching of incandescent lamps, switched low-voltage transformers, switched fans, and small motors.

It uses positive air gap relays. The RDM-2SWM is designed for use with the RDA series of enclosures, in an AMX Lighting modular digital dimming system.

This module's 120, 240, and 277 VAC ratings are CE, UL, and C-UL approved.

RDM-2SWM UL and C-UL Ratings

- General purpose: 2400 W
- Resistive: 2400 W
- Ballast: 2400 W
- Motor: 277 VAC, 1 hp

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 7 in-lbs. (0.8 N/M)
- Max. wire size: 10 AWG (4 mm²)
- Wire stripping length: 0.28" (7 mm)
- Weight: 0.5 lbs. (0.227 kg)
- BTU/hr: 5
- Control current: 85 mA @ 12 VDC

Caution: Pre-Installation Notes

- All Class 1 wiring must be connected to proper terminals.
- All control 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.
- This module may require extra power from the AxLink connection or an external power supply connected to the control card.

Connecting the RDM-2SWM to the AMX Lighting Master

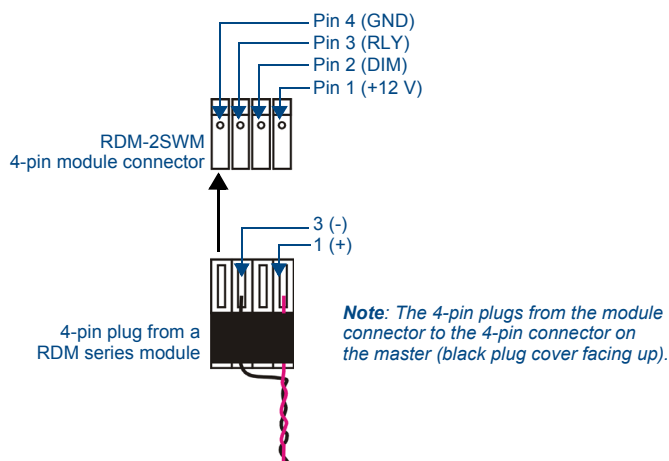


FIG. 2 RDM-2SWM connections

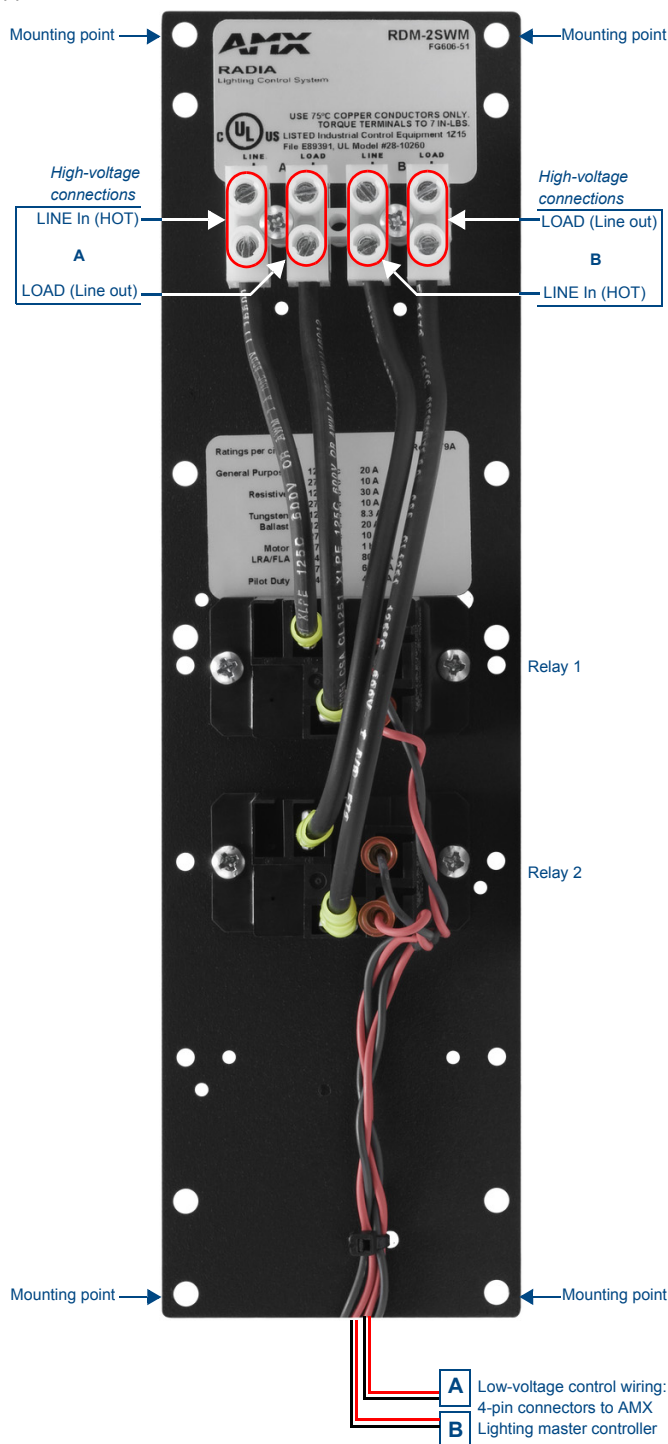


FIG. 1 RDM-2SWM

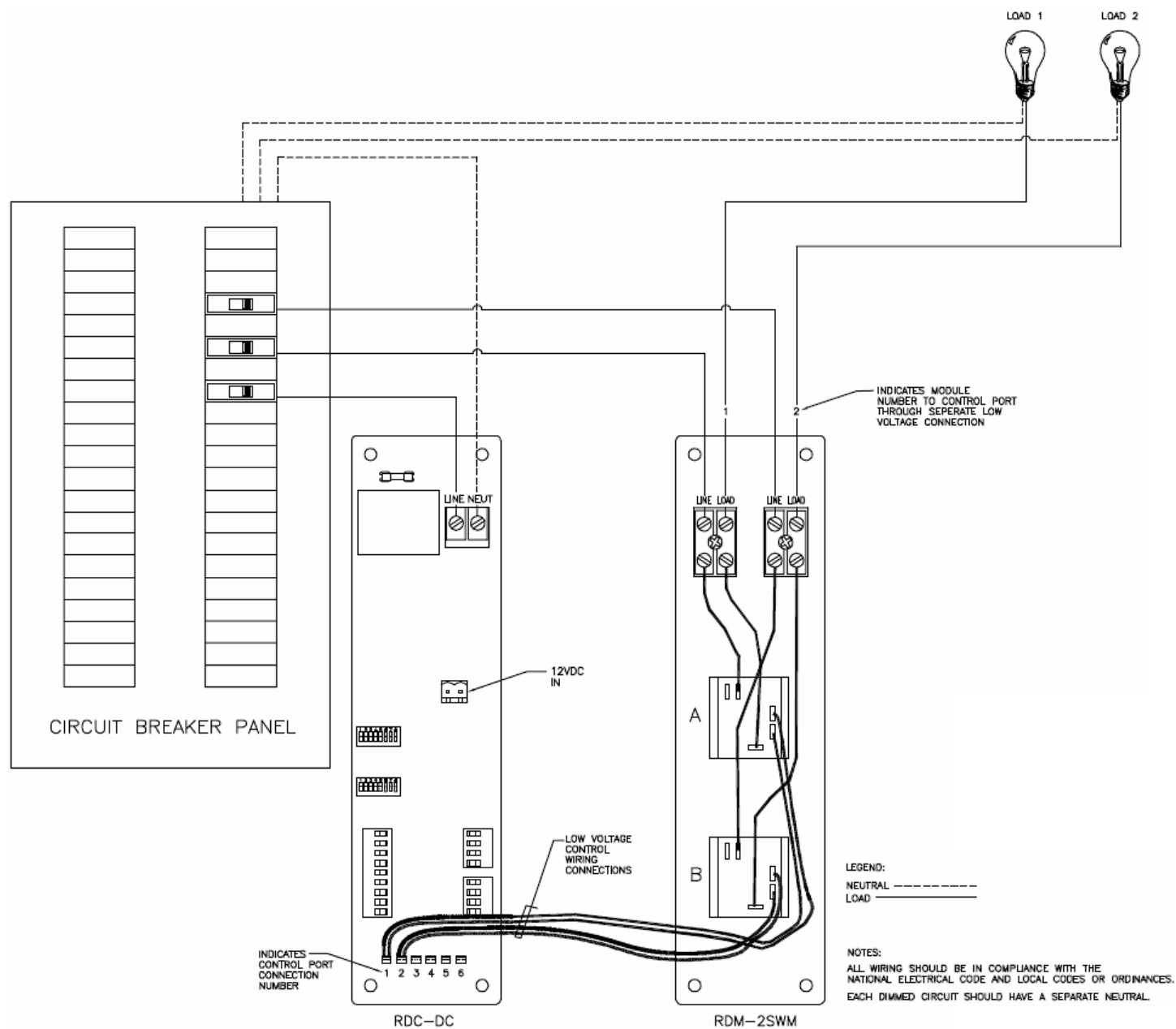


FIG. 3 RDM-2SWM Lighting Module Wiring