

The RDM-2INC Dual Incandescent Dimming Module 2400 W (x2) incandescent dimmer is designed for use with the RDA series of enclosures, in an AMX Lighting™ modular digital dimming system. It can dim incandescent lights, cold-cathode, neon and two-wire dimmable ballasts. The module's 120, 240, and 277 VAC ratings are CE, UL, and C-UL approved.

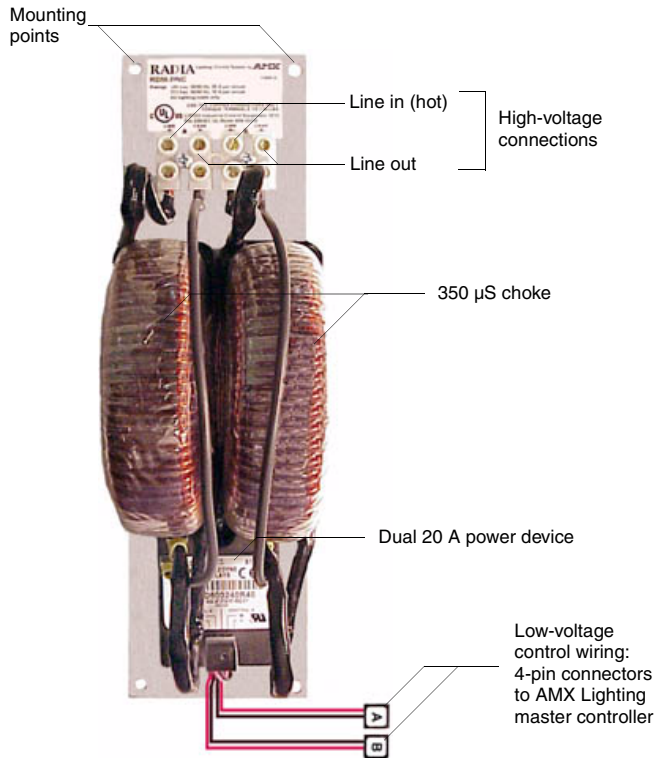


FIG. 1 RDM-2INC

RDM-2INC UL and C-UL Ratings

- 120 VAC, 50/60 Hz, 2400 W
- 240/277 VAC, 50/60 Hz, 2400 W

Suggested Dimmed Loads

- Incandescent
- Low-voltage
- Neon, cold-cathode
- Two-wire, phase-controlled ballast

Specifications

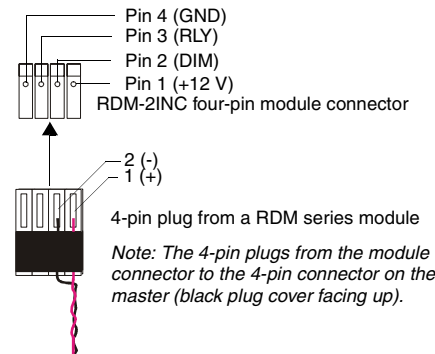
- Dimensions (HW): 10.0" x 2.75" (25.4 cm x 6.99 cm)
- Phase dependant
- Use wires rated at 75°C (167°F)
- Torque terminals to 7 in-lbs. (0.8 N/M)
- Max. wire size: 10 AWG (4 mm²)
- Wire stripping length: 0.28" (7 mm)
- Weight: 6.5 lbs. (2.948 kg)
- BTU/hr: 600
- Control current: 45 mA @ 12 VDC per dimmer, 90 mA total

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.
- Run all low-voltage and control wires away from heat producing parts of the dimmer.
- Each dimming circuit must have a separate neutral connection.
- All electrical ratings are for continuous duty.

- AC lighting loads only.
- 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-2INC to the AMX Lighting Master



AMX Corporation reserves the right to alter specifications without notice at any time.
For full warranty information, refer to the AMX Instruction Manual(s) associated with your Product(s).

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