The RDA-ENC6B (FG606-13) and RDA-ENC12B (FG606-14) enclosures provide secure mounting for all AMX Lighting and PROlink controllers, and lighting modules. The enclosures also contain circuit breakers. These enclosures are CE, UL, and C-UL approved. They include circuit breakers and terminals for multi-phase wiring. They also provide 18 knockouts for 1/2", 3/4", and 1" conduits.

**Installation Sheet**

**RDA-ENC6B and ENC12B Dimmer Enclosures w/Breakers**

The RDA-ENC6B (FG606-13) and RDA-ENC12B (FG606-14) enclosures provide secure mounting for all AMX Lighting and PROlink controllers, and lighting modules. The enclosures also contain circuit breakers.

**Enclosure Weights:**
- RDA-ENC6B: 16.5 lbs. (7.48 kg)
- RDA-ENC12B: 17.5 lbs. (7.94 kg)

**Dimensions between center lines (from FIG. 2):**

**RDA-ENC6B:**
- A to B = 16.0" (406.4 mm)
- B to C = 22.88" (581.2 mm)

**RDA-ENC12B:**
- A to B = 16.0" (406.4 mm)
- B to C = 22.88" (581.2 mm)

Radia enclosures must be mounted on a vertical surface with a minimum of 12" (304.8 mm) clearance above and below the enclosure.

**Installation Instructions:**
- For indoor use only.
- Mount on vertical surface only.
- Maintain 12" (304.88 mm) minimum clearance above and below the enclosure.
- Route class 1 conductors through upper conduit knockouts.
- Route class 2 conductors through lower conduit knockouts.
- Use 75°C (167°F) copper conductors only.
- Install filler plate #28-10500 (RDA-EFP) in all unused openings.
- Install only UL approved modules (see the UL Number Cross Reference to AMX Lighting ID table on page 2).

**Enclosure Weights:**
- RDA-ENC6B: 16.5 lbs. (7.48 kg)
- RDA-ENC12B: 17.5 lbs. (7.94 kg)

**Specifications**
- Maximum input wire #1/0 AWG (50mm²)
- Maximum line input is 140 A (per enclosure)
- Torque input wire to 44 in-lbs. (5.0 N/m)
- Wire stripping length: 0.67 inches (17 mm)
- Input 1 feeds channels 1, 4, 7, and 10
- Input 2 feeds channels 5 and 11
- Input 3 feeds channels 2, 8
- Input 3 feeds channels 3, 6, 9, and 12
- Breakers are UL 489 listed 10,000 AIC, 100% Switching Duty, Hydraulic-Magnetic

The following section cross references the UL ID module numbers and AMX Lighting module IDs. The modules identified are the only ones that can be used in the RDA-ENC6B and RDA-ENC12B enclosures.

**FIG. 1** Top, front, bottom, and side views of the RDA-ENC6B and RDA-ENC12B enclosures

**Installation Instructions:**
- For indoor use only.
- Mount on vertical surface only.
- Maintain 12" (304.88 mm) minimum clearance above and below the enclosure.
- Route class 1 conductors through upper conduit knockouts.
- Route class 2 conductors through lower conduit knockouts.
- Use 75°C (167°F) copper conductors only.
- Install filler plate #28-10500 (RDA-EFP) in all unused openings.
- Install only UL approved modules (see the UL Number Cross Reference to AMX Lighting ID table on page 2).
### UL Number Cross Reference to AMX Lighting ID

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### UL Number Cross Reference to AMX Lighting ID (Cont.)

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**Lighting Application Drawings**

**FIG. 3** ENC6B and ENC12B Power Distribution

**FIG. 4** ENC6B and ENC12B Input Terminal Block Wiring

**Note:**

LINE INPUTS: 140 A MAX PER ENCLOSURE

Use 75° C copper conductors only.

Torque terminals to 44 in-lbs.