



ELECTRONIC LOW-VOLTAGE DIMMING AMPLIFIER

Project: _____

Location/Type: _____

Description

The DA210QE120I Dimming Amplifier is a solid-state unit intended to control separate lighting circuits regardless of phase. It provides a smooth dimming range using any VA-rated Lightolier® Controls wallbox dimmer, Compli Scenist® controller, or IYTEMODE® dimmer module. The unit is intended for wall or ceiling mounting.

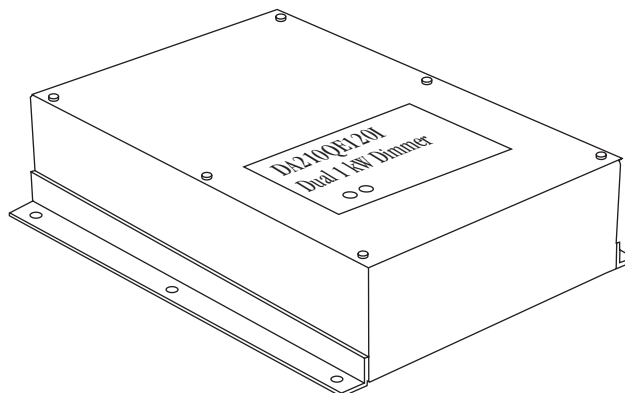
Applications

UL Listed to U.S. and Canadian safety standards for the following:

- Electronic Low-Voltage Incandescent Loads

Features

- Contains two high quality performance dimmers rated for 1000 watts each of electronic low-voltage or incandescent at 120VAC
- Can be mounted in a ceiling or wall configuration
- Reliable, solid-state circuitry
- Easily installed and wired
- Each unit is a fully enclosed, non-user serviceable module, which can be easily removed from the front and replaced
- Can be combined with any VA-rated Lightolier® Controls wallbox dimmer, Compli Scenist® controller, or IYTEMODE® dimmer module



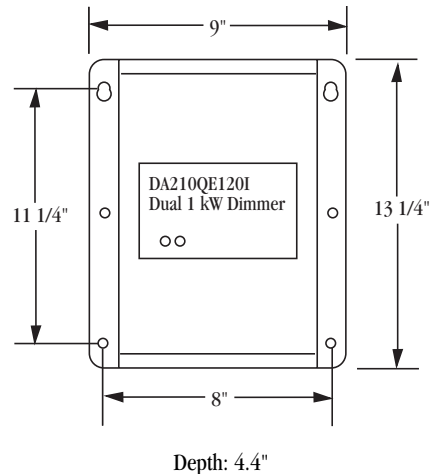
DIMMING AMPLIFIER - DA210QE120I

Product
Specifications

Specifications

Power:	One or two 120VAC single-phase, 10-amp circuits
Operating Voltage:	Input 108-132VAC, 60Hz Output regulated to 0.5% per 10-volt line variation
Load:	Two circuits, 1000 watts electronic low-voltage each
Input Control Voltage:	Any VA-rated Lightolier® Controls wallbox dimmer Any VA-rated LYTEmode® dimmer module (0-120VAC) Any VA-rated Compli Scenist® controller
Operating Temp:	0°C to 40°C
Enclosure:	Fully enclosed, self-contained, single-output unit
Compliance:	UL- and cUL-listed

Dimensions

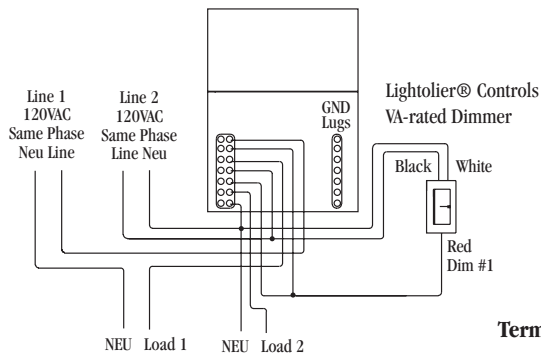


Wiring Diagrams

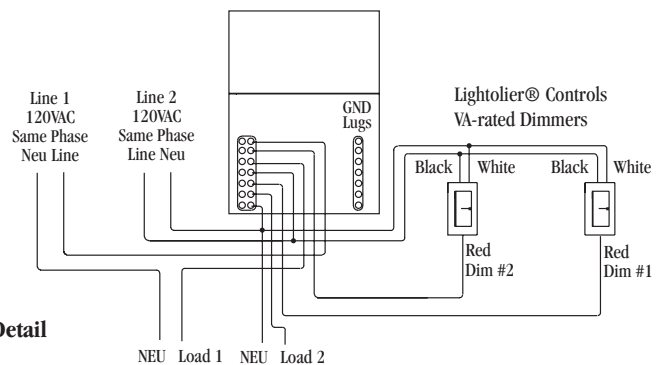
Consult Lightolier® Controls for input watts per ballast to calculate number of ballasts per device output.

For proper installation, all input circuits must be fed from the same phase.

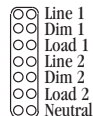
One-Channel Installation



Two-Channel Installation



Terminal Block Detail



- Wiring Notes:**
1. DA210QE120I input power must be fed from two 120-volt, 10-amp, single-pole, same phase sources. Use of three-wire, 120/240-volt sources is not permitted and will not function correctly.
 2. The heat sink will be warm to the touch and will emit an audible hum. Mount the device in an area that is neither heat- nor noise-sensitive.
 3. If common neutrals are used for dimmed circuits, performance problems, such as lamp sing and flickering, can result.



Lightolier Controls
A Genlyte Company
10911 Petal Street • Dallas, Texas 75238

For technical/sales assistance, call: 1-800-526-2731
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