Crestron **CNLDAB-4A**

4 Channel Fluorescent Dimming Module, 4-Wire 0-10V

The CNLDAB-4A dimming module provides 4 channels of dimming for fluorescent lighting fixtures equipped with Advance Mark 7® 0-10V fluorescent dimming ballasts. The CNLDAB-4A occupies a single module space in any CSTC cabinet, or two spaces in a CLC-6 cabinet. The unit is designed to communicate with the PAC2 control system, or any Crestron control system, via the Cresnet control network.

> *> 4 channels of 0-10V dimming for Advance Mark 7 4-wire type fluorescent ballasts*
>
> *> Relay switch control of non-dimmable loads*
>
> *> Suitable for 120 or 277 Volt AC*
>
> *> Occupies 1 module space in a CSTC lighting cabinet*
>
> *> Controlled by PAC2 or PAC2M automation control system*

SPECIFICATIONS

Load Ratings

Dimmer Channels: 4
Per Channel: 16 Amps
Module Total: 64 Amps
Load Types: 120V or 277V Advance Mark 7 0-10V 4-wire fluorescent dimming ballasts
Load Control: Analog 0-10 Volts DC dimming signal plus air-gap relay
Relay Rating: 20 Amp at 277 Volts AC, 1HP at 125 Volts AC
May not be compatible with some high inrush current loads

Power Requirements

Line Power: 120 or 277 Volts AC, 50-60Hz
Cresnet Power Usage: 4 Watts (0.17 Amp @ 24 Volts DC)

Connectors

NET: (1) 4-pin 5mm detachable terminal block, Cresnet slave port
Connects to Cresnet control network

BYPASS SW. INPUT: (1) 2-pin 5mm detachable terminal block
Accepts dry contact closure input to engage bypass mode

ANALOG CONTROL: (1) 5-pin 5mm detachable terminal block
Class 2 dimming control outputs 1-4
Control Voltage: 0-10 Volts DC, 39 mV resolution
Each output sinks to 26 mA

CIRCUITS #1 - 4: (4) 2-position captive screw terminals
Isolated Class 1 SPST relay switch circuits

Controls

CHNL BYPS: (1) 4-position DIP switch, selects which channels get activated in bypass mode
NORMAL/ALL OVERRIDE: (1) Slide switch, ALL OVERRIDE forces all channels to full on
ID CODE: (2) Rotary DIP Switches, set Cresnet ID

LED Indicators

NET POWER: (green) Indicates DC power supplied from Cresnet network
ID SELECT: (red) Indicates communication with Cresnet system
CIRCUITS #1 – 4: (red x4) Indicate when each relay is closed

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Occupies 2 module spaces in a CLC-6 cabinet (order optional MTPL-02074-1 space plate)
Occupies 1 module space in a CSTC cabinet

Weight

3.5 lbs (1.59 kg)

www.crestron.com | 800.237.2041