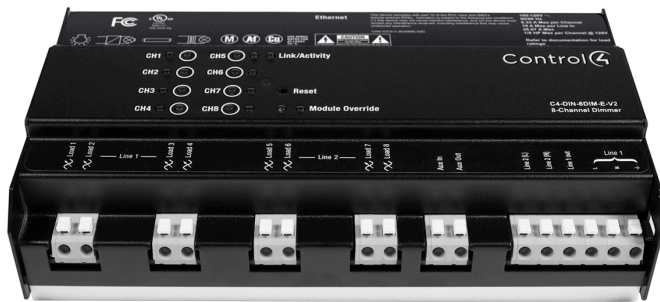


ADAPTIVE PHASE DIMMER

CENTRALIZED LIGHTING



8-CHANNEL ADAPTIVE PHASE DIMMER

C4-DIN-8DIM-E-V2

The Control4® 8-Channel Adaptive Phase Dimmer controls up to eight loads from one module in the Control4 system. It is an adaptive phase dimmer, so each channel supports a variety of load types including incandescent, halogen, electronic low-voltage (solid-state) transformer, magnetic (iron core) low-voltage transformer, fluorescent, compact fluorescent, LED, and motor. The 8-Channel Adaptive Phase Dimmer automatically detects the load type and sets the appropriate dimming mode.

- Controls up to eight loads and supports a variety of load types
- Each channel can be set to different dimming modes including Switch mode, Forward Phase mode, Reverse Phase mode, and Autodetect mode
- Channel buttons allow for toggling on/off or ramping up/down a load
- Channel Status LEDs indicate whether a load is on, off, or in short-circuit fault
- Module Override button allows toggling between the module override scene and all channels off or setting the module override scene to current channel levels
- Module Status LED indicates if module power is on with normal operation, off, or in thermal overload
- Link/Activity LED indicates system link status, communication activity, or firmware update status
- Reset button can be used for factory default or network configuration settings
- Auxiliary override connection allows a standard line-voltage toggle switch to control the attached lights before the control system is installed or in case the controller malfunctions
- Module can be installed in either a Control4 5- or 2-slot panel or a third-party DIN rail panel
- California Title 20 compliant (see ctrl4.co/title20 for more information on Title 20 / Title 24 compliance)

CONTROL4 8-CHANNEL ADAPTIVE PHASE DIMMER

Model number	C4-DIN-8DIM-E-V2
Power requirements	100-120VAC, 50/60 Hz, single phase only
Line in (circuits)	1 or 2
Power consumption	5W
Supported load types	Incandescent, halogen, electronic low-voltage transformer (ELV), magnetic (iron core) low-voltage transformer (MLV)*, fluorescent, compact fluorescent, LED, motor
Control communications	Ethernet

Module load ratings in Contro4® panel

Module max with two lines in	3200W
Line 1 in max	1920W
Line 2 in max	1920W
Module max with one line-in	1920W

Module load ratings in standard DIN rail panel

Module max with two lines in	1920W
Line 1 in max	1000W
Line 2 in max	1000W
Module max with one line in	1920W

Individual channel load ratings

Incandescent, tungsten, halogen	Max dimmable	1000W
	Min	2W
ELV, MLV*	Max dimmable	1000W
	Min (MLV)	18W*
Fluorescent, CFL	Max dimmable	500W
	Max non-dimmable	250W
	Min	2W
LED	Max dimmable	200W
	Max non-dimmable	200W
	Min (except MLV)	2W
	Min (with MLV trans.)	18W*
Motor	Max dimmable	N/A
	Max non-dimmable	1/8 HP
	Min	N/A

Connections

Line voltage screw terminals	16 (Line 1, Line 1 Neutral, Earth Ground, Line 1 Out, Line 2 Neutral, Line 2, Loads 1-8, Aux In, Aux Out)
Recommended wiring size	One 26 AWG to 12 AWG (0.12 mm ² to 2.5 mm ²) per terminal
RJ-45	2 ports—1 Ethernet in, 1 Ethernet passthrough

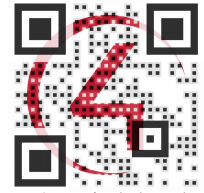
Environmental

Operational temperature	32°F to 104°F (0°C - 40°C)
Humidity	5% to 95% Non-condensing
Storage	-4°F to 158°F (-20°C - 70°C)
Heat dissipation	175 BTU/hr @120VAC

Dimensions

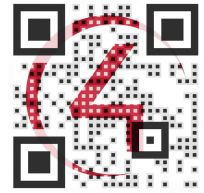
H x W x D	8.6 x 4.5 x 2.2 in. (219 x 115 x 57 mm)
DIN module width	12M
Weight	2.7 lbs (1.2 kg)
Shipping weight	3.2 lbs (1.4 kg)

MOST RECENT VERSION



ctrl4.co/8chdim-ds

INSTALLATION GUIDE



ctrl4.co/8chdim-ig

*Important! When dimming MLV loads, each transformer must be loaded to at least 50% of its maximum load.