

Control4® 8-Channel Dimmer



Control4® 8-Channel Dimmer C4-DIN-8DIM-E

The Control4® 8-Channel Dimmer controls up to eight (8) 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) Transformers, Magnetic (iron core) Low Voltage Transformers, Fluorescents, Compact Fluorescents, LEDs and Motors. The 8-Channel Dimmer automatically detects the load type and sets the appropriate dimming mode.

- Controls up to eight (8) 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 or 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 use for factory default or various IP 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



Control4® 8-Channel Dimmer

Model Number	C4-DIN-8DIM-E			
Power Requirements	100-277VAC, 50/60 Hz			
Line Feeds (Circuits)	1 or 2			
Power Consumption	4W			
Supported Load Types	Incandescent, Halogen, Electronic Low Voltage Transformers (ELV), Magnetic (Iron Core) Low Voltage Transformers (MLV), Fluorescents, Compact Fluorescents, LEDs, Motors			
Control Communications	Ethernet			
Module Load Ratings in Control4® Panel				
	120V	240V	277V	
Module Max with Two Line-Ins	3200W	6000W	6000W	
Line-In 1 Max	1920W	3840W	3840W	
Line-in 2 Max	1920W	3840W	3840W	
Module Max with One Line-In	1920W	3840W	4400W	
Module Load Ratings in Standard DIN Rail Panel				
	120V	240V	277V	
Module Max with Two Line-Ins	1920W	3840W	N/A	
Line-In 1 Max	1000W	2000W	N/A	
Line-in 2 Max	1000W	2000W	N/A	
Module Max with One Line-In	1920W	3840W	N/A	
Individual Channel Load Ratings				
		120V	240V	277V
Incandescent, Tungsten, Halogen, Electronic (Solid State) Low Voltage Transformers (ELV), Magnetic (Iron Core) Low Voltage Transformers (MLV)	Max Dimmable:	1000W	2000W	2300W
	Max Non-dimmable:	500W	1000W	1150W
	Min:	2W	2W	2W
Fluorescent, Compact Fluorescent (CFL)	Max Dimmable:	500W	1000W	1150W
	Max Non-dimmable:	250W	500W	575W
	Min:	2W	2W	2W
LED	Max Dimmable:	200W	400W	460W
	Max Non-dimmable:	200W	400W	460W
	Min:	2W	2W	2W
Motors	Max Dimmable:	N/A	N/A	N/A
	Max Non dimmable	1/8 HP	1/8 HP	1/8 HP
	Min:	N/A	N/A	N/A
Connectors				
Sixteen (16) Line Voltage Screw Terminals (Line 1, Line 2, Line 3, Line 4, Neutral, Earth Ground, Loads 1-8, Aux In, Aux Out, unused)	One (1) 26AWG to 12AWG (.12mm ² to 4mm ²) per terminal			
One (1) Ethernet	RJ-45			
Environmental				
Operational Temperature	32° F - 104° F (0° C - 40° C)			
Humidity	5% - 95% Non-condensing			
Storage	-4° F - 158° F (-20° C - 70° C)			
Dimensions				
H x W x D	8.5" x 4.3" x 2.3" (215 mm x 109 mm x 57 mm)			
DIN Module Width	12M			
Weight	2.8 lbs (1.3 kg)			
Shipping Weight	3.2 lbs (1.4 kg)			

