8-CHANNEL FORWARD PHASE DIMMER
CENTRALIZED LIGHTING

CONTROL4 8-CHANNEL FORWARD PHASE DIMMER
C4-DIN-8FPD-E

The Control4® 8-Channel Forward Phase Dimmer controls up to eight loads from one module in the Control4® system. It is a forward-phase dimmer, so each channel supports a variety of load types including incandescent, halogen, magnetic (iron core) low-voltage transformer, fluorescent, compact fluorescent, LED, and motor.

- Controls up to eight loads and supports a variety of load types
- Each channel can be set to a dimming or non-dimming 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 restoring 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 into a third-party DIN rail panel
- California Title 20 compliant (see *ctrl4.co/title20* for more information on Title 20—Title 24 compliance)

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CONTROL4® 8-CHANNEL FORWARD PHASE DIMMER

Model Number	C4-DIN-8FPD-E
Power requirements	100-120VAC, 50/60 Hz
Line in (circuits)	1 or 2
Power consumption	5W
Supported load types	Incandescent, halogen, magnetic (iron core) low-voltage transformer (MLV)*, fluorescent, compact fluorescent (CFL), LED, motor
Control communcations	Ethernet
RJ-45 ports	(2), 1 Ethernet in, 1 Ethernet passthrough

Module load ratings in Contro4 panel	120V
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	120V
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		120V
Incandescent, tungsten, halogen, MLV*	Max dimmable	1000W
	Max non-dimmable	500W
	Min (except MLV)	4.5W
	Min (MLV)	18W*
Fluorescent, CFL	Max dimmable	500W
	Max non-dimmable	250W
	Min	4.5W
LED	Max dimmable	200W
	Max non-dimmable	200W
	Min (except MLV)	4.5W
	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 wire gauge	One 26 AWG to 12 AWG (0.12 mm² to 2.5 mm²) per terminal
RJ-45	2 ports—1 Ethernet in, 1 Ethernet passthrough

Environmental

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

Dimensions

H × W × D	8.6 × 4.5 × 2.2 in. (219 × 115 × 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/fpd-ds

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

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