

DIM-60D(POS)

60W Discrete Step DC PWM Dimmer



Description

The DIM-60D(POS) dimmer allows brightness control of incandescent or LED lamps. Typical applications include driving signage backlighting, or control panel indicators for ambient-light matching. The dimmer provides a current-sourcing pulse-width modulated (PWM) output controllable by externally connected pushbuttons. The standard variant provides 15-step dimming from 0% to 100% with an exponential curve. Customer-specified customisations are possible, such as number of dimming steps, single-pushbutton cyclical dimming, or prevent dimming to zero.

The unit has a 3A fuse for over-current and crowbar reverse polarity protection.

A mounting kit is available which allows easy installation on industry-standard DIN rails.

DIM-60D PART NUMBERS

P/N	DESCRIPTION
DIM-60D(POS)	Current-sourcing dimmer
DIN-DIM-60	DIN rail mounting kit

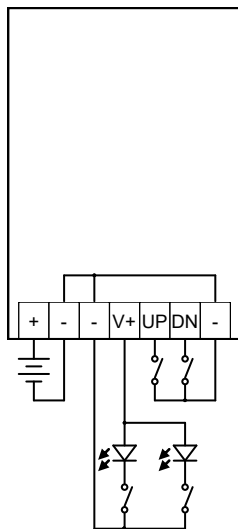
Device Characteristics

Parameter	Min.	Typ.	Max.	Units
DC Input Voltage ¹	21.6	24	26.4	V
Maximum Sourcing Current ¹			-2.5	A
Ambient Operating Temperature ¹	-25		70	°C
Number of Dimming Steps ²		15		
PWM Switching Frequency		244.1		Hz
PWM Output Range ²	0		100	%

¹ Values outside of range specified may result in permanent damage to device.

² Customisation possible.

Connection Diagram



Mounting Dimensions

