Multi-Load Decorator Dimmer Wallstation

Catalog#	Prepared by
Project	Date
Comments	Type



California Title 20 Compliant

Overview

The Multi-load Decorator Dimmer provides full-range classic linear-slide dimming for 300W dimmable LED and CFL as well as 600W Incandescent, Halogen, Dimmable Fluorescent, Electronic Low-Voltage & Magnetic Low-Voltage light sources. Preset units feature a preset "ON/OFF" switch that automatically returns controlled light(s) to a preset level without disturbing the brightness level. The device is designed for both Single-Pole (one location) and 3-Way (multi-location) applications, and features an adjustable Rapid-Start setting which provides additional power for a brief time period to ensure lamp start-up at low dim settings.

Features

- Large sliding dimmer to easily and accurately adjust light level
- Preset feature allows user to return to previous light level when turning lights ON
- Integrated full-slide control for easy, precise operation
- Can be wired as Single-Pole or 3-Way
- Device can be wired into either 3-Way location (load side or line side)
- Neutral is not required for installation of device
- Adjustable low-level trim setting for optimal lamp compatibility
- Face plate is removable to allow for color changes
- Each package includes 3 colors
- Radio Frequency Interface filtering is standard on all models
- Electrostatic discharge protection
- Compatible with any decorator wallplate
- Compatible with most dimmable LED and CFL lamps
- Adjustable rapid start feature ensures lamp start-up even at low dim levels
- Supports Leading edge (forward phase) dimming.

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Specifications

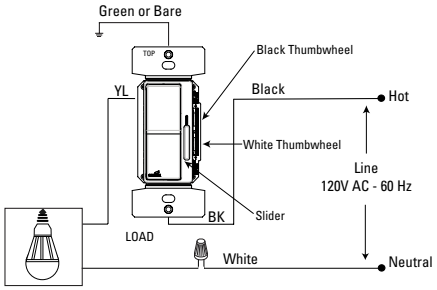
Switch Type	Single-pole and 3-way
Environment	Indoor use only
	Flammability: Meets UL 94 requirements; V2 rated
	Temperature Rating: -20°C to 70°C (-4°F to 158°F)
Electrical	**Rating:** 120V/AC, 60 Hz
	Light Intensity Control: Full-range, continuously variable dimming
	Dimming Performance: Solid State Dimming
	Surge Protection: Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage
	Radio Frequency Interference: Designed to reduce interference with radio, audio and video equipment
	Power-failure Memory: Light returns to same level prior to power interruption
	Lamp Ratings: 300W Dimmable LED/CFL 600W Incandescent, Halogen, Dimmable Fluorescent, Electronic Low-Voltage, Magnetic Low-Voltage 5W minimum load required
Mechanical	**Wiring Types:** Single-Pole and 3-Way
	Voltage Ratings: Permanently marked on device
Standards	cULus Listed to UL1472, file no.E472273 NOM Certified

De-Rating Chart

	600W Models		
	1-Gang	**2-Gang**	**3-Gang +**
LED/CFL	300W max.	300W max.	300W max.
INC, HAL, ELV	600W max.	600W max.	600W max.
MLV	600VA max.	600VA max.	600VA max.
FLR	See Ballast Performance Data pages		

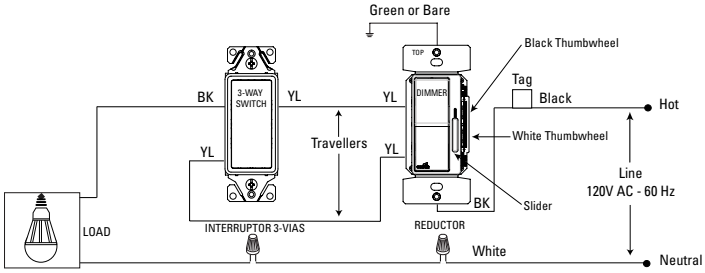
Wiring Diagrams

Single-Pole Wiring Diagram
INC, HAL, LED/CFL, FLR, MLV, ELV



NOTE: Location of terminal screws are color-coded with "BK" or "YL".

3-Way Wiring Diagram
INC, HAL, LED/CFL, FLR, MLV, ELV



NOTE: 3-way switch must be used at the other location.

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Ordering

*Wallplate not included

For ordering devices, include the Catalog # followed by the Color Code. The selection of a Color Code determines the interchangeable color sets included with the wallstation.

Catalog #	Description	Color Code	Color(s) Included
WBSD-DEC-*	Decorator Dimmer, Single-Pole / 3-Way Preset, Multi-Load	*= C1	Almond, White & Ivory
		*= C2	Light Almond, White & Ivory
		*= C5	Black, Gray & White
DCK1-*	Color Change Kit	*= A	Almond
		*= BK	Black
		*= B	Brown
		*= GY	Gray
		*= LA	Light Almond
		*= V	Ivory
		*= W	White

Refer to Screwless Wallplate Spec Sheet for ordering information at www.eaton.com/lighting

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Specifications and dimensions subject to change without notice.