

# Decorator 0-10 Volt Dimmer

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Description

Single Pole & 3-Way  
0-10 Volt Dimming Control with Integrated  
ON/OFF Switch



DF10P

## Design features

- 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
- Neutral is not required for installation of device
- Adjustable high-level trim setting for optimal lamp compatibility
- Faceplate is removable to allow for color changes
- Each package includes 3 colors
- Electrostatic discharge protection
- Compatible with any decorator wallplate or screwless decorator wallplate
- Compatible with dimmable LED and Fluorescent 0-10 Volt ballasts
- California Title 20 compliant

**Table 1. Decorator Dimmers, Back & Side Wire**

Catalog No.	Compatible Lamp Types	Description	Rating		Color Suffix
			Watt	V/AC	
□ DF10P__	Dimmable LED/FLR 0-10V Ballasts	Slide Dimmer, Single-Pole/3-Way Preset	1200	120	C1, C2, C4, C5
			1660	277	
□ DCK1__	—	Color Change Faceplate for DF10P	—	—	A, B, BK, GY, LA, V, W

**Compliances, specifications and availability are subject to change without notice.**



Powering Business Worldwide

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## Applications

Eaton's Decorator 0-10V Dimmer provides full-range classic linear-slide dimming for 0-10 Volt compatible dimmable light sources. These units are ideal for residential and light commercial applications and are compatible with Eaton's Decorator style devices and wallplates. 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. Not recommended for applications involving frequent use of ammonia based cleaners.

**Table 2. Specifications**

<b>Catalog No.</b>	<b>DF10P, DCK1 Series</b>
<b>Device Type</b>	<b>Decorator Slide Dimmers, AL Series</b>
<b>Wiring Type</b>	Back & side wire terminals + 10V wire leads
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>• cULus Listed to UL1472, file no. E47967</li> <li>• NOM Certified</li> <li>• California Title 20 compliant</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical Specifications</b>	<b>Rating:</b> 120V/AC, 60 Hz; 277V/AC, 60 Hz <b>Light Intensity Control:</b> Full-range, continuously variable dimming <b>Dimming Performance:</b> 0-10V Dimming <b>Surge Protection:</b> Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage <b>Power-failure Memory:</b> Light returns to same level prior to power interruption <b>Lamp Ratings - Switch Relay:</b> 1200W @ 120V/AC, 1660W @ 277V/AC <b>Dimming Control Power:</b> 0-10V/DC: 200 mA
<b>Mechanical Specifications</b>	<b>Wiring Types:</b> Single Pole & 3-Way <b>Voltage Ratings:</b> Permanently marked on device

**Table 3. Materials**

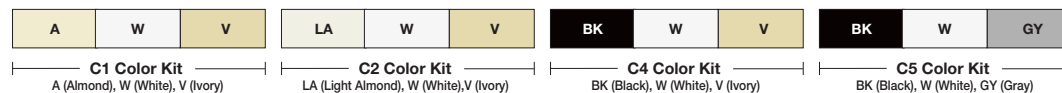
<b>Catalog No.</b>	<b>DF10P, DCK1 Series</b>
<b>Top Housing</b>	Polycarbonate
<b>Bottom Housing</b>	Polycarbonate
<b>Strap</b>	Aluminum
<b>Form Factor</b>	Decorator
<b>Finish</b>	Gloss

**Table 4. Color Ordering Information**

For ordering devices, include Cat. No. followed by the color code: A (Almond), BK (Black), GY (Gray) LA (Light Almond), V (Ivory), W (White)



**Color Kit Color Combinations and Ordering Suffixes (for select models):**



Project Name:	Prepared By:
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### Product Dimensions

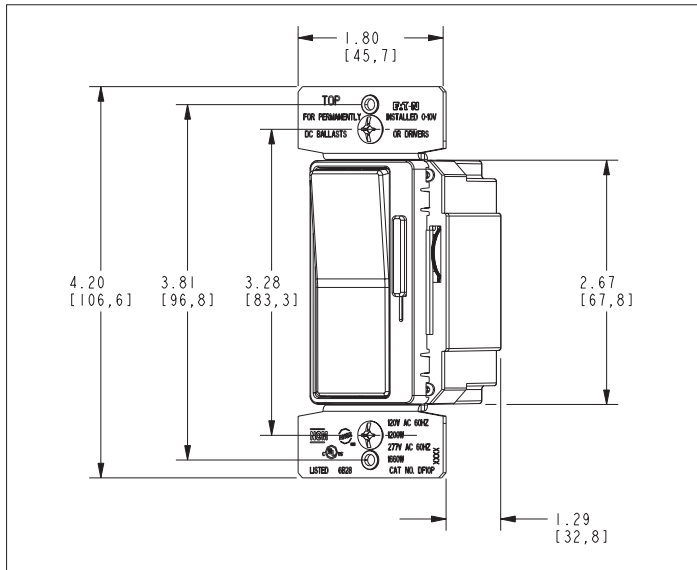
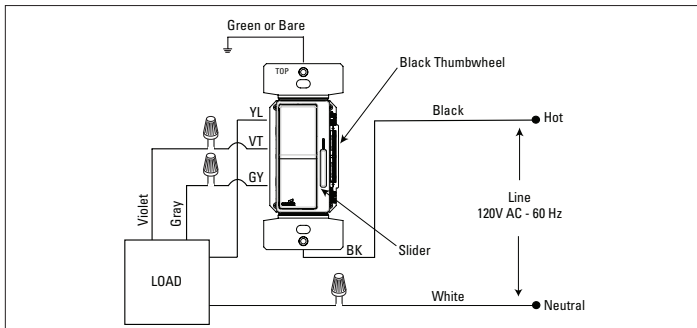


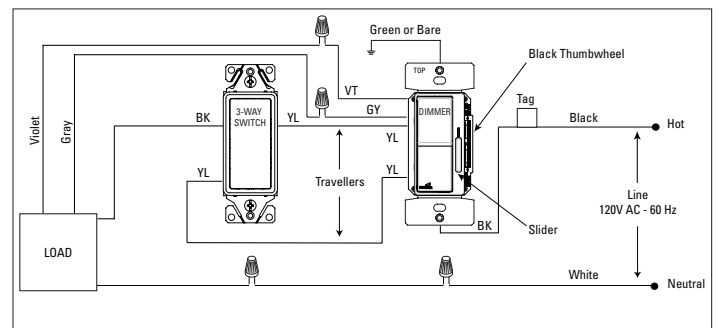
Figure 1. DF10P Line Art with Dimensions

### Wiring Diagrams

#### Single-Pole Wiring Diagram



#### 3-Way Wiring Diagram



### Certifications & Compliances

Catalog No.	cULus	NOM 426	TITLE 20
DF10P	•	•	•
DCK1	•	•	•

**KEY:** cULus cULus NOM 426 NOM TITLE 20 Title 20 compliant

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Electrical Sector  
203 Cooper Circle  
Peachtree City, GA 30269  
United States  
Eaton.com  
Eaton.com/wiringdevices

Electrical Sector  
Canada Operations  
5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
Canada  
EatonCanada.ca  
Eaton.com/wiringdevices

Electrical Sector  
Mexico Operations  
Carr. Tlalnepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
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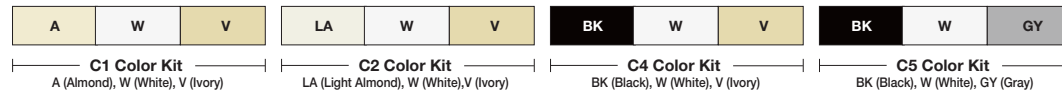
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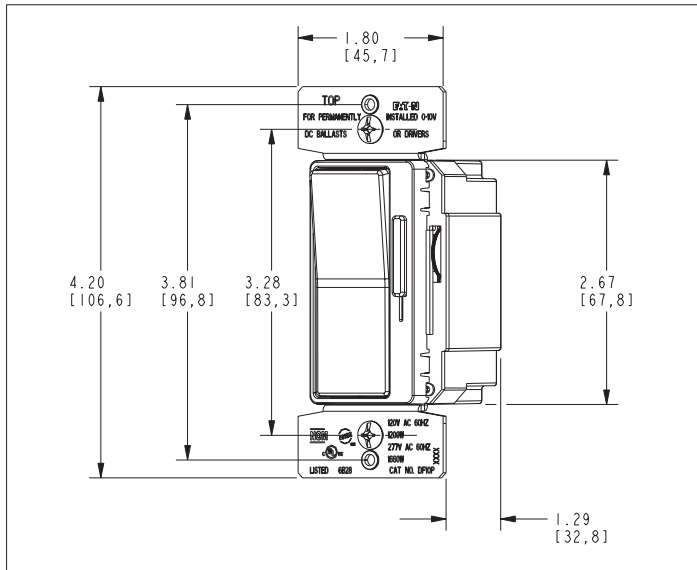
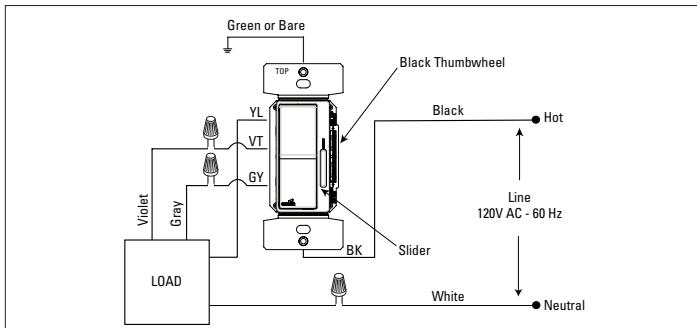


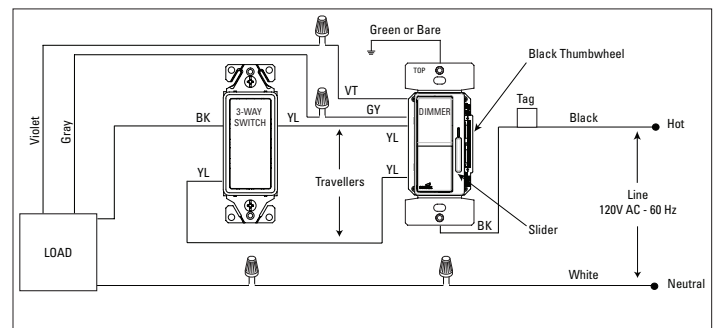
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#### Single-Pole Wiring Diagram



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### Certifications & Compliances

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Electrical Sector  
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Peachtree City, GA 30269  
United States  
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Electrical Sector  
Canada Operations  
5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
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Electrical Sector  
Mexico Operations  
Carr. Tlalnepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
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