

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

| | |
|--------------------------------------|--|
| Catalog No. | DF10P, DCK1 Series |
| Device Type | Decorator Slide Dimmers, AL Series |
| Wiring Type | Back & side wire terminals + 10V wire leads |
| Testing & Code Compliance | <ul style="list-style-type: none"> • cULus Listed to UL1472, file no. E47967 • NOM Certified • California Title 20 compliant |
| Environmental Specifications | Flammability: Meets UL 94 requirements; V2 rated Temperature Rating: -20°C to 70°C (-4°F to 158°F) |
| Electrical Specifications | Rating: 120V/AC, 60 Hz; 277V/AC, 60 Hz Light Intensity Control: Full-range, continuously variable dimming Dimming Performance: 0-10V 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 Power-failure Memory: Light returns to same level prior to power interruption Lamp Ratings - Switch Relay: 1200W @ 120V/AC, 1660W @ 277V/AC Dimming Control Power: 0-10V/DC: 200 mA |
| Mechanical Specifications | Wiring Types: Single Pole & 3-Way Voltage Ratings: Permanently marked on device |

Table 3. Materials

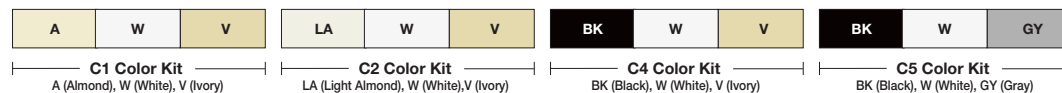
| | |
|-----------------------|---------------------------|
| Catalog No. | DF10P, DCK1 Series |
| Top Housing | Polycarbonate |
| Bottom Housing | Polycarbonate |
| Strap | Aluminum |
| Form Factor | Decorator |
| Finish | Gloss |

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):



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Product Dimensions

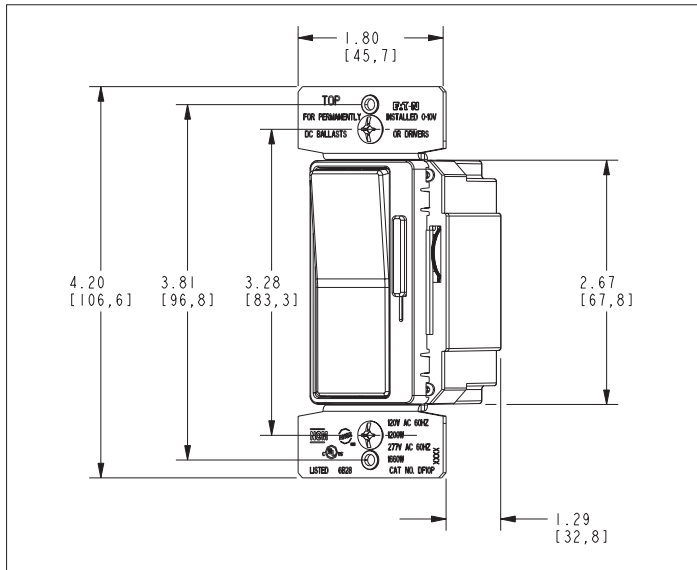
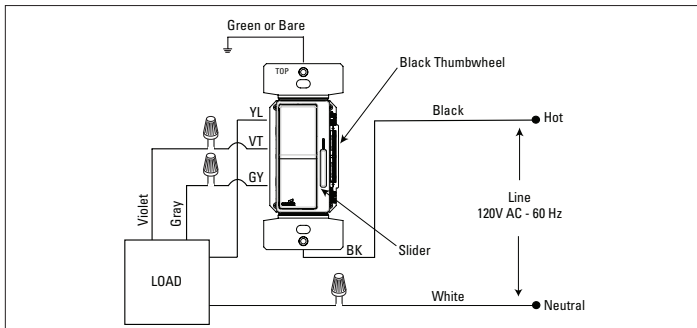


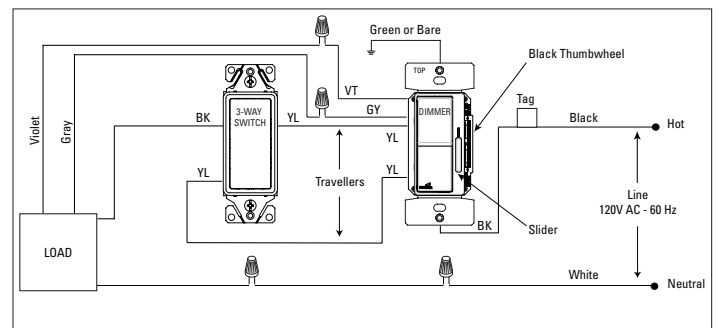
Figure 1. DF10P Line Art with Dimensions

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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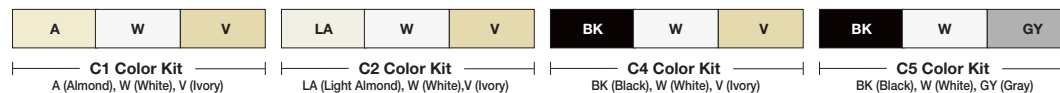
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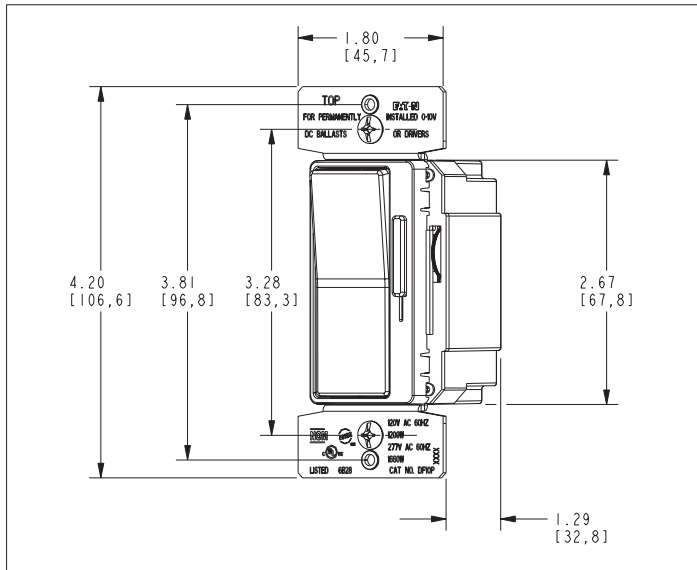
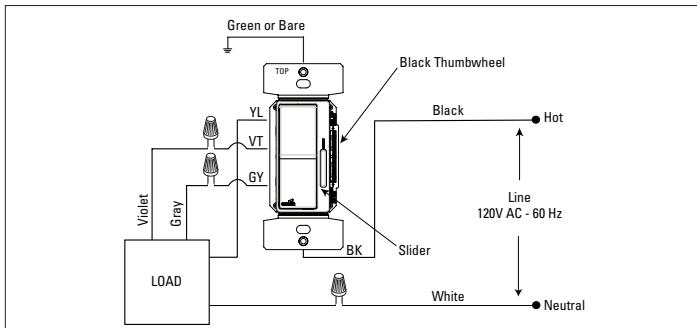


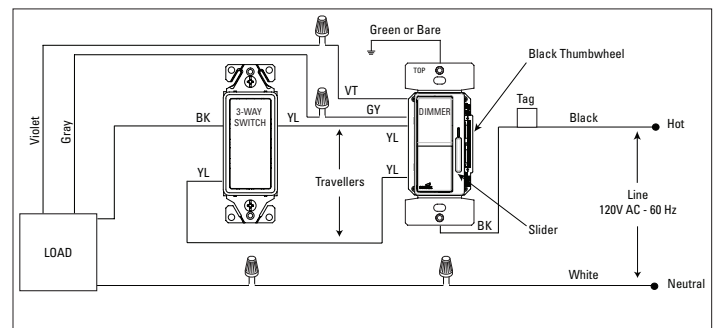
Figure 1. DF10P Line Art with Dimensions

Wiring Diagrams

Single-Pole Wiring Diagram



3-Way Wiring Diagram



Certifications & Compliances

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| DCK1 | • | • | • |

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

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