Decorator 0-10 Volt Dimmer

**Description**

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

**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**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Compatible Lamp Types</th>
<th>Description</th>
<th>Rating</th>
<th>V/AC</th>
<th>Color Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF10P</td>
<td>Dimmable LED/FLR 0-10V Ballasts</td>
<td>Slide Dimmer, Single-Pole/3-Way Preset</td>
<td>1200</td>
<td>120</td>
<td>C1, C2, C4, C5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1660</td>
<td>277</td>
<td></td>
</tr>
<tr>
<td>DCK1</td>
<td>Color Change</td>
<td>Faceplate for DF10P</td>
<td>—</td>
<td>—</td>
<td>A, B, BK, GY, LA, V, W</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>DF10P, DCK1 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device Type</td>
<td>Decorator Slide Dimmers, AL Series</td>
</tr>
<tr>
<td>Wiring Type</td>
<td>Back &amp; side wire terminals + 10V wire leads</td>
</tr>
</tbody>
</table>
| Testing & Code Compliance | • 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 volt-  
age surges up to 8000V 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 |

Table 3. Materials

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>DF10P, DCK1 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Housing</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Bottom Housing</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Strap</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Form Factor</td>
<td>Decorator</td>
</tr>
<tr>
<td>Finish</td>
<td>Gloss</td>
</tr>
</tbody>
</table>

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):

- C1 Color Kit: A (Almond), W (White), V (Ivory)
- C2 Color Kit: LA (Light Almond), W (White), V (Ivory)
- C4 Color Kit: BK (Black), W (White), V (Ivory)
- C5 Color Kit: BK (Black), W (White), GY (Gray)
Product Dimensions

![Diagram of product dimensions](image)

Figure 1. DF10P Line Art with Dimensions

Wiring Diagrams

**Single-Pole Wiring Diagram**

**3-Way Wiring Diagram**

Certifications & Compliances

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>cULus</th>
<th>NOM</th>
<th>Title 20 compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF10P</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>DCK1</td>
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<td>•</td>
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KEY: cULus NOM Title 20 compliant

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