

# EFKB Series Photocontrol

## Explosionproof, Dust-Ignitionproof

### NEC:

Class I, Division 1 and 2, Groups C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 3, 7CD, 9EFG

### Applications

- Encapsulated photocontrol provides automatic dusk-to-dawn lighting control.
- Typical applications include walkways, security areas and any other outdoor lighting application.
- FD factory sealed single gang cast device boxes confine arcing of device within the enclosure, preventing ignition of ignitable atmospheres during operation.
- For remote mounting.

### Features

- Eliminate need for adding sealing fittings and compound at each conduit entrance.
- Smooth, rounded integral bushing in each EFD/EFDB hub protects conductor insulation.
- Accurately tapped, tapered hubs for tight, rigid joints and ground continuity.
- Corrosion resistant captive stainless steel hex head cap screws hold covers to body.

- Clearly marked terminals with brass screws assure quick, easy wiring.
- Sealing chamber has smooth, double flanges that mate both to cover and mounting enclosure to provide flame-tight joints.
- Pigtail leads from push buttons are factory sealed in sealing well.

### Standard Materials

- Body: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Cover: copperfree (4/10 of 1% max.) aluminum


### Standard Finishes

- Body and cover: body, triple-coat—(1) zinc electroplate, (2) chromate, and (3) epoxy powder coat


### NEC Certifications and Compliances

- UL Standards: UL 508, UL 698, UL 1203
- UL Listed: E10449, E81751

### Photocontrol Relay Cover

|                                                                                     | Voltage Range    | Catalog Number |
|-------------------------------------------------------------------------------------|------------------|----------------|
|  | 120 V, 50/60 Hz  | EFKB-PC120     |
|                                                                                     | 208-277 V, 50/60 | EFKB-PC277     |

### FD Back Box

|                                                                                     | Type      | Hub Size (Inches) | Catalog Number |             |
|-------------------------------------------------------------------------------------|-----------|-------------------|----------------|-------------|
|                                                                                     |           |                   | Malleable Iron | Aluminum    |
|  | Dead-End  | 1/2               | EFD150NLQ      | EFD150ANLQ  |
|                                                                                     |           | 3/4               | EFD175NLQ      | EFD175ANLQ  |
|                                                                                     |           | 1                 | EFD110NLQ      | EFD110ANLQ  |
|                                                                                     | Feed-Thru | 1/2               | EFDC150NLQ     | EFDC150ANLQ |
|                                                                                     |           | 3/4               | EFDC175NLQ     | EFDC175ANLQ |
|                                                                                     |           | 1                 | EFDC110NLQ     | EFDC110ANLQ |

### Dimensions in Millimeters (Inches)

