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

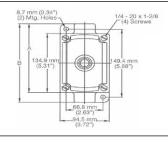
Photocontrol Relay Cover

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

FD Back Box

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

Dimensions in Millimeters (Inches)



Appleton