EFDB™ Series Factory–Sealed Photocontrol

Explosionproof, Dust-Ignitionproof
For use with Threaded Metal Conduit.

Explosionproof Remote
Photocontrol – Single Gang
Class I, Groups B, C, D
Class II, Groups, E, F, G
Class III

Applications

- Factory-sealed control stations confine arcing of device within the enclosure, preventing ignition of atmospheres.
- Used in classified areas where flammable vapors, gases or highly combustible dusts are present.
- For installation in chemical and petrochemical plants, refineries and other process industries, or where corrosive elements are present.

Features

- Finish is an epoxy powder coat for enhanced corrosion resistance.
- Corrosion-resistant stainless steel hex-head captive screws hold cover to body.
- Factory-sealed enclosure eliminates need for adding sealing fittings and compound at each conduit entrance (for Groups C & D applications).
- Accurately tapped, tapered hubs for tight, rigid joints and ground continuity.
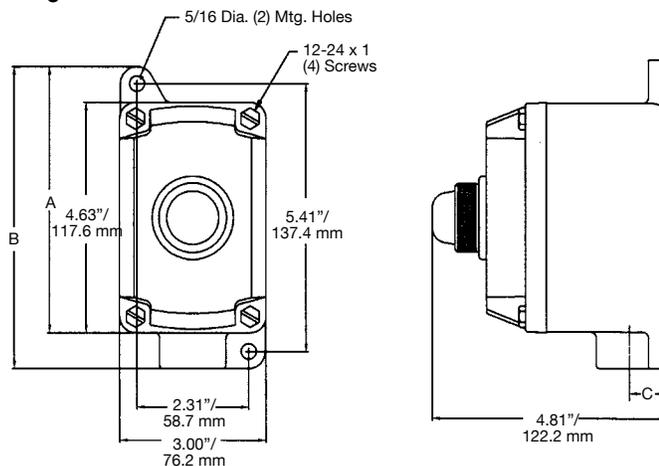- Smooth, rounded integral bushing in each hub protects conductor insulation.

Hub Size (Inches)	Voltage	Max Current (A)	Max VA	Catalog Number ❶❷	
				Dead End	Feed Through
1/2	120	8.3	1000	**EFDB150PC120**	**EFDCB150PC120**
3/4	120	8.3	1000	**EFDB175PC120**	**EFDCB175PC120**
1	120	8.3	1000	**EFDB110PC120**	**EFDCB110PC120**

Replacement Parts for Remote Photocontrol

Voltage	Current (A)	Max VA	Catalog Number	
			Complete Cover Assembly	Photocontrol Only
120	8.3	1000	**EFKB-PC120**	**PC120X**
208-277	3.5	1000	**EFKB-PC277**	**PC277X**

EFDB Single Gang

Hub Size (Inches)	Dimensions in Inches		
	A	B	C
1/2 & 3/4	5.38	6.13	.78
1	5.50	6.31	.94

Turn On 1 to 3 footcandles; Turn On/Turn Off ratio: 1:3, Temperature range: -30 °F through 140 °F.

For Class I, Group B, external seals must be installed at each conduit entrance.

❶ *For 208-277 volt rating, change 120 suffix to 277; current ratings become 3.5 A.*

❷ *Standard catalog number represents malleable iron body with aluminum cover. For aluminum body, add suffix -A.*

🔲 *CSA Certification only.*

Lighting

LIGHTING: ENCLOSED AND GASKETED – AREA – FLUORESCENT

®Appleton®