



Harrington Signal Inc.
2519 4th Avenue, Moline, Illinois 61265
P.O. Box 590, Moline, Illinois 61266-0590
Phone: (800) 577-5758 Local: (309) 762-0731 Fax: (309) 762-8215
Internet: www.harringtonfire.com



Description

Commercial Products Group Model FSEX is an explosion-proof strobe light designed for use in hazardous locations which provides 80 high intensity flashes per minute. The strobe light has an effective candle power of 850. The strobe mechanism and circuitry is contained in a corrosion resistant copper free aluminum, explosion-proof housing.

Wire leads are factory sealed. The wiring conduit is tapped for 3/4" conduit and has terminals for wiring connections. The strobe light is listed for indoor or outdoor use and is finished in red powder coat.

The FSEX is NEMA Type 4X rated and is also listed as a marine visual signaling device. The strobe light operates on 16 VDC - 33 VDC and is polarized for connection to supervised alarm notification circuits. The strobe is equipped with a clear Lexan® polycarbonate inner lens. Red, or amber lens available, minimum quantity required.

Application

Alarm notification appliances shall be explosion-proof strobe lights. The unit shall be designed for use in hazardous locations. The strobe light circuitry shall be contained in a corrosion resistant powder coated finish applied over the copper free aluminum, explosion-proof housing. The entire unit shall have a red finish.

The strobe lights shall be capable of indoor or outdoor mounting. The strobe lights is UL Listed for: Class I, Groups A, and B, Division 1 & 2; Class I, Groups C, and D, Division 1; Class II, Groups E, F and G, Division 1 & 2; Class III, Division 1 & 2, hazardous locations.

The strobe lights shall have an effective candle power of 850 candela. The strobe lights shall operate on 24 VDC with 1.9A current draw and be polarized for DC supervision. The strobe lights shall be NEMA Type 4X rated and also be approved as a marine visual signaling device. The strobe lights shall be UL 1971 Listed. Alarm notification appliances shall be CPG Signals Model FSEX Series B explosion-proof strobe lights.



•Features

- 24 VDC polarized operation.
- 63±2 high intensity flashes per minute.
 - Current draw 1.9A.
- Rugged explosion-roof circuitry housing.
- Corrosion resistant housing.
- NEMA Type 4X rated.
- Approved for marine visual signaling.
- Factory sealed leads.
- Wiring conduit tapped for 3/4" conduit.
- Terminal wiring connections.

Ordering Information

| Model Number | Part Number | Description |
|---------------|---------------|--|
| FSEX-CPG-HI-2 | FSEX-CPG-HI-2 | Explosion-Proof Strobe, 16-33 VDC, 1.9A, , Red Housing, Clear Lens |
| DGXC-SB | DGXC-SB | Dome Guard |
| CMXC-R-SB | CMXC-R-SB | Ceiling Mount |
| WMXC-4R-SB | WMXC-4R-SB | 90 Degree Wall Mount |
| LTFSEX01A | LTFSEX01A | Strobe Tube (Series A2, B1) |
| SSM | SSM | Sync Module, 2 Strobes per circuit |
| PMXC-RSB | PMXC-R-SB | Pendant Mount |
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| Model FSEX Explosion-Proof Strobe Light | | | | | | |
|---|---------------------------|---------|------------------|--------------------|----------------------|--------|
| Model | Operational Voltage Range | Current | On Axis Candelas | Approx. Flash Rate | Dimensions | Weight |
| FSEX | 16 VDC - 33 VDC | 1.9A | 150 | 63 ± 2 | 14 1/2" H X 8 3/4" W | 15.9 |

| Hazardous Locations | | | |
|---------------------|---------|----------|--|
| Class | Group | Division | Max. Operating Temp/Code at 40°C Ambient |
| 1 | A, B | 2 | 300°C / T2 |
| 1 | C, D | 1 & 2 | 85°C / T6 |
| 2 | E, F, G | 1 & 2 | 85°C / T6 |
| 3 | | 1 & 2 | 85°C / T6 |

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice. Quality manufactured for Harrington Signal Inc. by Federal Signal.

Call for availability on items not listed in the ordering information