

EMG Emergency Light

Certification Number:

Explosionproof

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G For
IEC.60079-0 to 1 Standard Zone 1 and Zone 2

Technical data

Type of Protection: Ex de IIA IIB T6

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 66 / 67 acc.To IEC 60529

Ambient Temp. (Ta) : -5 °C to + 40 °C

Rated Voltage : 220 - 240 V.AC. 50/60Hz. Output 12V.DC.

Type : EMG

Lamp : 2 x 35 W. , 2 x 55 W.

Protection class for UL. : Class I, Division1 or 2 Group.C,D
Class II, Division1 or 2 Groups.E,F,G
Class III

Protection class for IEC : Zone1and Zone 2



EMG 235

Applications:

The EMG12235H emergency lights are specially designed for hazardous areas due to the presence of flammable gases or vapors, combustible dusts and flying fivers.

automatic supply to illuminate in areas where normal lighting system are failed or interrupted.

indoor, sever corrosion areas.

Standard Materials:

- Body and fixtures - Copper-free aluminium
- Flexible Coupling - Stainless steel

Standard Finishes:

- Copper-free aluminium - Epoxy-polyester powder
- Stainless steel - Natural

Features:

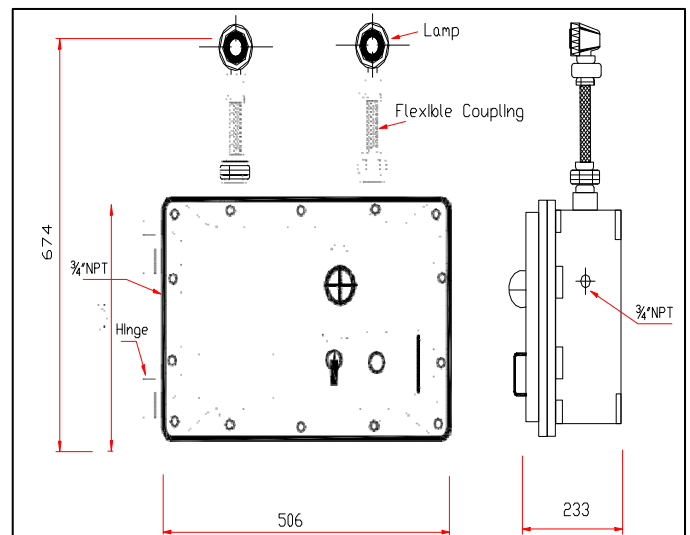
- Compact factory sealed fixture.
- Multi-Rate solid state charge with automatic swiching from high to float charge to prevent battery from damage
- Solid state components are designed with wide safety factor
- Automatic disconnecting load from the battery when voltage drop near to the deep-discharge level to prevent battery from damage
- Maintenance-free sealed lead acid batteries
- Provided the discharge time in lighting for a period of 2 hours if longer period on request.
- Fully recharged the battery about 18 hours
- Explosionproof light fixtures with flexible coupling are adjusted easily by hand.
- MAIN - ON pilot light indicates as power is being supply to the system.
- Provided the "TEST" push button enables to test the lamps

Options :

For outdoor used on request

For input supply 240 V.AC. 50 Hz.

Dimension : (in mm.)



EMG 235H

2 X 35W. Halogen lamp

Model