



1. Introduction

AW-EXS101 explosion-proof fire strobe is non-coding alarm lights, which explosion-proof performance in line with GB3836-2000 series of standards, designated by the state inspection units inspected, and acquired explosion-proof certificate. Explosion-proof fire strobe is suitable for 1 and 2 Zone hazardous locations which include Class II A, B, C class T1 ~ T6 temperature group explosive gas environment.

AW-EXS101 explosion-proof fire strobe is not only apply to any manufacturer of multi-line fire telephone switchboard, but also various types of program-controlled switches currently. When the scene of an accident or emergency situations is in fire, fire alarm control panel sends control signals to activate the alarm circuit. In order to achieve the purpose to remind the site personnel ,light alarm signal is issued.

2. Product Characteristics

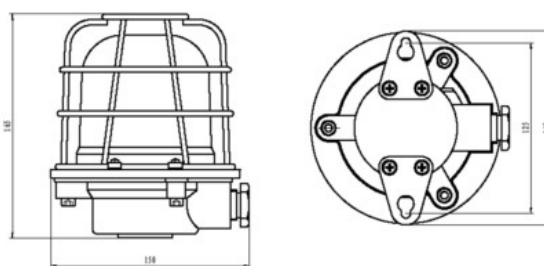
1. AW-EXS101 explosion-proof fire strobe can be used in conjunction with manual alarm button to achieve a simple and light alarm purposes.
2. AW-EXS101 explosion-proof fire strobe can be used with fire alarm control panel of any domestic and foreign manufacturers.
3. AW-EXS101 explosion-proof fire strobe light source is made by many ultra-bright LED lights combination. So it has eye-catching display, long service life and low power consumption.

3. The Main Technical Parameters

1. Explosion-proof mark: Exd ib II CT6
2. Working voltage: DC24V
3. Alarm current: $\leq 50\text{mA}$

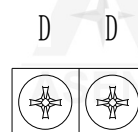
4. Strobe frequency: 60 times / min
5. Protection: IP65 or unprotected
6. Working environment:
Temperature: $-20\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$
Relative humidity: $\leq 95\%$ non-condensing
Atmospheric pressure: $80\text{kPa} \sim 110\text{kPa}$
7. Outlet thread: G15
8. Weight: 1.2kg

4. Outline



5. Test, Installation and wiring

1. Test: After the user box alarm test should be done as soon as possible. Experimental methods as follows: DC24V (non polar) power line connected to the terminals of alarm lights, alarm lights will be issued after power strobe light that is explained qualified products.
2. Installation: with 2-M6 screws through the mounting foot lights, lights will be fixed to the wall or ceiling.
3. The cable glands: II B level using sealing nut clamping ring structure; II C level stuffing box sealed structure.
4. Wiring: Open the explosion chamber, the cables are connected to the terminals (see figure below).



D, D is DC24V power supply (polarity)

6. Notes

1. Strictly prohibited in flammable and explosive places live demolition.
2. Not to damage the surface explosion during installation, and keep it clean.
Surface explosion fastening screws should be tightened evenly, do not pay attention to proof surface foreign material.
3. Long-term use on a regular basis to detect whether lights by professional maintenance of good performance, such as failure or damage.

AW-EXS101 type
Explosion-proof fire alarm lights
Installation using SHEET

