



### 1. Introduction:

AW-EXM102 Explosion-proof emergency start /stop action button is a kind of non-coding manual alarm button switch , which explosion-proof performance in line with GB3836-2000 series of standards, inspected by the state designated inspection units, and acquired explosion-proof certificate. Emergency start/ stop action button is available in 1 and 2 Zone hazardous locations which include Class II A, B, C class T1 ~ T6 temperature group explosive gas environment.

AW-EXM102 Explosion-proof emergency start / stop button is a indispensable equipment in explosion-proof fire alarm system ,consist with the fire alarm control panel and other equipment to be fire alarm system. When the protection area is in fire, press the emergency start button to send a signal to the gas fire control panel, control panel emit gas extinguishing gas spray command, by the delay, start spraying the gas solenoid valve. During the delay, if the site staff confirmed that no fire occurs, press the emergency stop button immediately move to terminate the start.

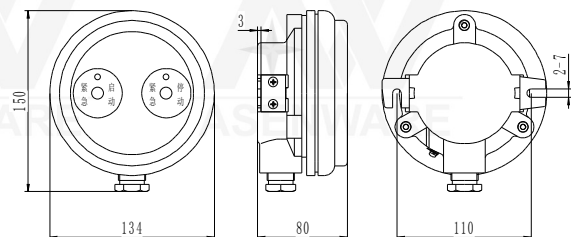
### 2. Product Characteristics:

1. Explosion-proof emergency start / stop button is beautiful appearance, compact structure, stable and reliable performance.
2. In order to avoid misuse, explosion-proof emergency start / stop button use glass to protect the device, when the fire broke out press corresponding button after breaking the glass. Please replace the glass after using.
3. Explosion-proof emergency start / stop button can be used with fire alarm control panel of any domestic and foreign manufacturers.

### 3. The Main Technical Parameters

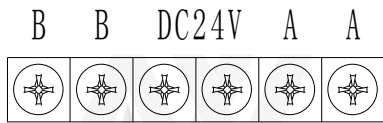
1. Explosion-proof mark: Exd II CT6
2. Operating voltage: DC24V (Power LED) (no polarity)
3. Contact capacity: 0.5A
4. Indicator: Emergency Boot Status: red; emergency stopping status: green.
5. Protection: IP65 or unprotected
6. Working environment:  
Temperature:  $-20\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$   
Relative humidity:  $\leq 95\%$   
(non-condensing)  
Atmospheric pressure: 80kPa ~ 110kPa
7. Outlet thread: G20
8. Weight: 1kg

### 4. Outline



### 5. Installation and Connection

1. Installation: according to the site with the M6 screws on the wall, the general requirements button at the bottom 1.5m high from the ground via a button installed claws.
2. Wiring: The cables are connected to the following diagram terminals



Two intermediate terminals DC24V power supply (polarity); A, A to start normally open contact; B, B to stop moving normally open contact

**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 to regularly test button performance is intact, such as failure or damage to the special Industry personnel.

AW-EXM102 type

Ex emergency start / stop button to move

**Installation using SHEET**

