

LD-BAJ52

Explosion-proof double-head emergency light

Product technical specifications



Cafe/Negro: Fase cable (L)
Azul/Blanco: Neutro cable(N)
Amarillo/Verde: Tierra Cable(G)

L  Brown
N  Blue
  Yellow

L  Black
N  White
  Green

(for North America only)



El cable de tierra debe conectarse correctamente.

Advertencia:

- Antes de instalar o cablear las lámparas, asegúrese de que la alimentación está apagada.
- Antes de limpiar o reparar la lámpara asegúrese de que esté apagada
- El cuerpo de la lámpara estará muy caliente durante el funcionamiento, no lo toque con la mano.



1. Scope of application :

LD-BAJ52 Explosion-proof double-head emergency light in dangerous environments such as petroleum exploration, oil refining, chemical industry, military industry, and offshore oil platforms and tankers for general lighting and task lighting in other places;

- Suitable for places with high protection requirements and humidity
- Applicable to areas 1 and 2 of explosive gas environment, and applicable to areas 21 and 22 of hazardous dust environment
- Suitable for explosive gas environment of II A, II B, and II C
- Applicable to T6 temperature group.
- The ambient air temperature is $-40^{\circ}\text{C}\sim+45^{\circ}\text{C}$, and the average temperature within 24 h does not exceed $+40^{\circ}\text{C}$
- When the highest temperature of the installation site is $+50^{\circ}\text{C}$, the relative humidity of the air does not exceed 60%.

2. Performance characteristics :

- Aluminum die-casting shell with high-voltage electrostatic spray on the surface
- Tempered glass lampshade with strong impact resistance
- High anti-corrosion stainless steel exposed fasteners
- Built-in maintenance-free battery pack, which is automatically charged under normal power supply. The emergency light will automatically light up in the event of a power outage or power failure.
- The emergency light automatically switches to emergency and has the functions of over-discharge and overcharge protection
- It is equipped with LED light source, high brightness and long life work;
- Steel pipe or cable wiring can be used.

3. The main parameters

System power: 2*3W

Rated voltage: AC180-264V 50/60Hz

Emergency time: >90min

Charging time: 24H

Protection level: IP66

Anti-corrosion grade: WF2

Explosion-proof mark: Ex d IIC T6 Gb

Ex tD A21 IP66 T130°C

Lamp lead-in cable diameter: $\phi 8\text{-}\phi 14\text{mm}$



Inlet thread: G3/4"

4. Instructions for use:

1. Determine the installation location and method of the lamp according to the actual needs of the work site, and prepare a corresponding length of $\phi 8 \sim \phi 14$ mm three-core cable according to the distance from the lamp to the power contact.
2. If you use an explosion-proof junction box, for lamps, you can directly connect the lamp cable to the explosion-proof junction box (refer to the installation instructions of the junction box)
3. Installation sequence: cut off the power, open the cover, thread, wire, lock the cover, tighten the cable, use a suitable hex wrench to open the hex screw on the upper cover of the lamp; pass the cables through the compression nut and washer respectively Explosion-proof rubber plug into the cover; correctly wire to the terminal; use a suitable Allen wrench, screw, spring washer to lock the power cavity cover on the lamp housing try not to tighten the compression nut when the cable needs to be installed.

5. Precautions

1. When transporting, put the lamp in the provided carton, and add foam shock absorber. At the same time, it should be handled with care to avoid heavy pressure.
2. When installing and maintaining the lamps, the power must be disconnected first.
3. When using, there is a certain temperature rise on the surface of the lamp, which is a normal phenomenon.

Warning: It is strictly forbidden to disassemble and assemble the lamp with power on!