

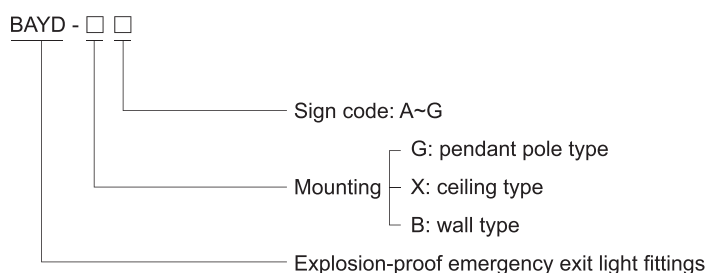
Local, Caution Spotlight Fittings

BAYD Series Explosion-proof Emergency Exit Light Fittings



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Lighting both in normal condition and emergency condition; When power supply is cut off, the emergency device starts to work; with overcharge, overdischarge protection and short circuit protection.
- ◆ With test pushbutton, convenient to check the emergency function. Press the test pushbutton, the light will switch into emergency condition.
- ◆ Ultra-bright LED lamp, low power consumption and long service life up to 50,000 hours; energy saving and environmental protection.
- ◆ Enclosure in copper-free aluminium, powder coated surface, yellow (RAL 1021).
- ◆ Toughened glass sheet resistant to temperature changes.

Catalogue number logic



Sign code type A-G



Type A



Type B



Type C



Type D



Type E



Type F



Type G

Zones 1&2; 21&22

Local, Caution Spotlight Fittings

BAYD Series Explosion-proof Emergency Exit Light Fittings

Technical data

Explosion-proof emergency exit light fittings BAYD-□□

Explosion protection

Gas explosion protection

Ex II 2 G Ex d IIC T6

Dust explosion protection

Ex tD A21 T80°C IP66

Certificates

For gas explosion protection

LCIE 07 ATEX 6005X; IECEx LCI 08.0012X;
RU C-CN.ГБ05.B.00344 (CU-TR); BRP232835 (Brazil)

For dust explosion protection

PCEC (China)

Conformity to standards

EN 60079-0:2004, EN 60079-1:2004

IEC 60079-0:2004, IEC 60079-1:2003, IEC 61241-0:2004, IEC 61241-1:2004

Material

Enclosure

Copper-free aluminium, powder coated surface, yellow(RAL1021)

Exposed fastener

Stainless steel

Rated voltage

220~240V AC 50/60Hz

Lamp

LED lamp (working voltage DC 3.6V)

Power consumption

2W

Emergency time

180min

Battery

Rated capacity

1400mAh

Charging time

24h

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66, IP67 (optional)

Ambient temperature

-20°C~+55°C

Terminal

3 x 1.5~2.5mm² (L+N+PE)

Cable entries

1 x M25 x 1.5 for wall type and ceiling type, 2 x M25 x 1.5 for pendant pole type

Cable gland

1. For wall type and ceiling type, supplied with seal gasket and gland nut; Cable gland on request.
2. For pendant pole type, supplied with BHD51-F explosion-proof junction box, (copper-free aluminium); M25 x 1.5 plug or Ex d cable gland is optional, DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~27.

Available cable outer diameter

Φ 10~Φ 14 (mm)

Weight

6.40kg



Dimension drawings (all dimensions in mm) - subject to alteration

