

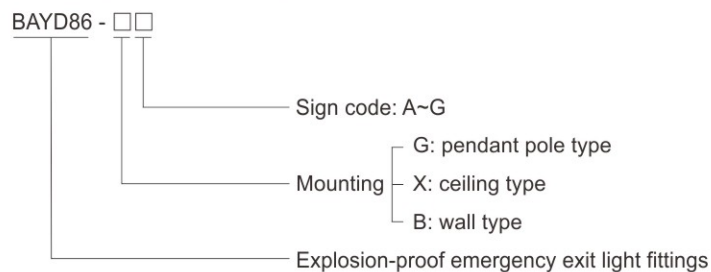
Local, Caution Spotlight Fittings

BAYD86 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
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ 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.
- ◆ Designed with test button. Press the button, lamp shall automatically enter into emergency status.
- ◆ Ultra-bright LED lamp, low power consumption and long service life up to 50,000 hours; energy saving and environmental protection.
- ◆ Enclosure: GRP (glass fiber reinforced polyester).
- ◆ 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

BAYD86 Series Explosion-proof Emergency Exit Light Fittings

Technical data

Explosion-proof emergency exit light fittings BAYD86-□□

Explosion protection

Global (IECEX)

Gas and dust

IECEX (applied for)

Ex mb eb ib IIC T6 Gb

Ex tb IIIC T80°C Db

Europe (ATEX)

ATEX (applied for)

Gas and dust

Ex II 2 G Ex mb eb ib IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-18, EN 60079-31

IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-18, IEC 60079-31

Material

Enclosure

GRP (glass fiber reinforced polyester)

Exposed fastener

Stainless steel

Rated voltage

100~277V AC 50/60Hz, 100~250V DC, 12~48V AC/DC

Lamp

LED lamp

Power consumption

8W

Emergency time

180min

Battery

Rated capacity

800mAh

Charging time

16h

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP66

Ambient temperature

-60°C~+60°C

Terminal

3 x 1.5~2.5mm² (L+N+PE)

Cable entries

2 x M25 x 1.5 plugs

Cable gland

DQM-I is recommended. Please see P7/18~21.

Weight

8.0kg



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

