



## Local, Caution Spotlight Fittings BAJ52-20 Series Explosion-proof Emergency Light Fittings

- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups C, D
- ◆ Enclosure in copper-free aluminium, powder coated surface, yellow (RAL1021).
- ◆ Lighting angle can be adjusted.
- ◆ Low-power halogen tungsten lamps, with reflector to increase lighting intensity.
- ◆ Emergency device with NI-MH batteries, charging automatically; when power supply is cut off, the emergency device starts to work; with over charge and over discharge protection.
- ◆ Toughened glass cover resistant to temperature changes.

**Technical data**

**Explosion-proof emergency light fittings BAJ52-20**

**Explosion protection**

Gas explosion protection

Ex II 2 G Ex d IIB T4

**Certificates**

For gas explosion protection

LCIE 07 ATEX 6086; IECEx CQM 08. 0001; BVC 10.0019 (Brazil)

**Conformity to standards**

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

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

**Material**

Enclosure

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

Exposed fastener

Stainless steel

**Rated voltage**

220~240V AC 50/60Hz

**Lamp**

Available lamp

Halogen tungsten lamp (LED on request)

Lamp power (W)

2 x 10W (LED lamp power: 2 x 1W)

Emergency time

90min

Rated luminous flux

Halogen tungsten lamp: 2 x 100lm (LED lamp: 2 x 90lm)

**Battery**

Description

NI-MH battery

Rated capacity

6Ah

Rated voltage

6V

Charge current

300mA

Discharge current

1000mA

Charge time

24h

**Degree of protection**

IP65

**Ambient temperature**

-20°C~+55°C

**Terminal**

3 x 1.5~2.5mm<sup>2</sup> (L+N+PE)

**Cable entries**

2 x G3/4" Plug

**Cable gland (optional)**

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

**Weight**

5.05kg

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

