HAZARDOUS AREA · ATEX

BBJ-303 / BBJ-305

Explosion-proof Beacon & Flash Sounder

Ex de IIC T6 Gb | IP66 | LED | 150 flashes/min | -40°C to +50°C



BBJ-303



BBJ-305

DESCRIPTION

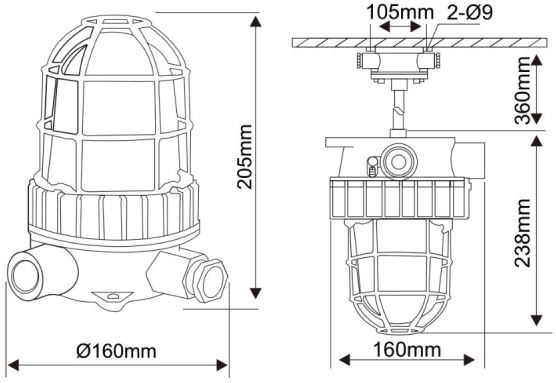
The BBJ-303 explosion-proof LED beacon and the BBJ-305 beacon with built-in sounder give clear visual and audible warning in hazardous areas where flammable gases, vapours or combustible dust may be present. Their sealed aluminium alloy housings are ATEX marked and IP66 rated, so no spark or arc can ignite the surrounding atmosphere. The BBJ-305 adds a loudspeaker horn with a voice message, making it a compact alarm point for PAGA systems.

FEATURE

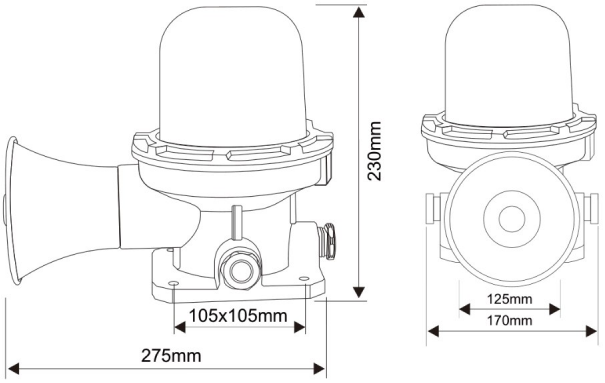
- Aluminium alloy housing, anti-corrosion powder coating
- Built-in heat sink for better heat dissipation
- Impact-resistant tempered glass, high light transmittance
- High-strength stainless steel exposed fasteners
- Ultra-bright, long-life LED; red, blue, yellow or green
- Sealed gaskets for humid and corrosive environments
- Steel pipe or cable wiring
- BBJ-305: large speaker, loud and wide-reaching sound

DIMENSION

BBJ-303



BBJ-305



SPECIFICATION

MODEL	BBJ-303	BBJ-305
Power	5 W	20 W
Weight	1.8 kg	2.2 kg
Sound Level	90 dB	180 dB

COMMON SPECIFICATION			
Work Mode	Rotate / flash / strobe	Light Color	Red
Light Source	LED	Voltage	12V DC / 24V DC / 220V AC
Explosion Mark	Ex de IIC T6 Gb Ex tb IIIC T80°C Db	IP Grade	IP66
Anti-corrosion	WF1 / WF2	Mounting	Pole / seating
Cable Entry	G3/4, Ø10–14 mm	Voice Broadcast	1 voice
Flash Frequency	150 times/min	Life Span	100,000 hours
Start Time	< 0.3 s	Terminal Block	≤ 2.5 mm²

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