

BBJ86 防爆声光报警器

BBJ86 Explosion-proof Audio and Visual Caution Spotlight Fitting



应用场所 Application

- 广泛应用于海洋工程各类作业平台、各类化学品、天然气运输船、危险品码头等危险区域作事故信号报警或作为信号指示用；
- 可在潮湿、振动、腐蚀等恶劣环境中可靠工作；
- 适用于爆炸性危险环境1区、2区、21区、22区等场所。
- Widely used for incident alarm or signal indication on various marine platforms, chemical tankers, LNG ships and hazardous cargo wharfs, etc..
- Can reliably work in severe environment exposed in moisture, vibration or corrosion;
- Explosive hazardous atmosphere Zone 1, Zone 2, Zone 21, Zone 22.



颜色可选 Color Options

- 内装灯罩有红、黄、绿、蓝四种颜色可供选择，也可根据用户要求定制多色声光报警器。
- The inner lamp shade is available in red, yellow, green, and blue, and can also be customized into multi-color sound and light alarms according to user requirements.

结构紧凑 Compact Structure

- 一体式结构设计，体积小，耐候性能强。
- Integrated structural design, small size, strong weather resistance.

有效示警 Effective Indication

- 专利光学结构，配置高亮度LED光源，示警时灯光闪烁，亮度高，颜色显眼，照射角度宽广；
- 选用高品质发声元件，配置扩音外罩，报警时声音强度高，穿透性强，传播距离更远。
- Patented optical structure, equipped with high-brightness LED light source, flashing light during alarm, along with high brightness, eye-catching color and wide illumination angle;
- High-quality sound components are selected, equipped with an amplifying cover, ensuring high sound intensity, strong penetration, and greater transmission distance during alarms.

选配表 Selection Table

型号 Type	额定功率 Rated power	额定电压 Rated voltage	发光颜色 luminous color	防爆标志Ex-Mark			重量(kg) Weight
				GB	IECEX	ATEX	
BBJ86-01R	45W	100~277V AC 50/60Hz	红色 Red	Ex db II C T6 Gb Ex tb IIIC T80°C Db	Ex db II C T6 Gb Ex tb IIIC T80°C Db	Ex db II 2 G Ex db II C T6 Gb Ex db II 2 D Ex tb IIIC T80°C Db	4.70
BBJ86-01G	45W		绿色 Green				
BBJ86-01Y	45W		黄色 Yellow				
BBJ86-01B	45W		蓝色 Blue				
BBJ86-02	35W	130~250V DC	-	Ex db II C T6 Gb Ex tb IIIC T80°C Db	Ex db II C T6 Gb Ex tb IIIC T80°C Db	Ex db II 2 G Ex db II C T6 Gb Ex db II 2 D Ex tb IIIC T80°C Db	3.20
BBJ86-03R	10W	12~48V AC/DC	红色 Red				
BBJ86-03G	10W		绿色 Green				
BBJ86-03Y	10W		黄色 Yellow				
BBJ86-03B	10W		蓝色 Blue				

- 01: 声光一体, 02: 仅发声, 03: 仅发光
- 01: Sound and light, 02: Sound only, 03: Light only
- 灯具出厂时标配防爆堵头，若用户需要防爆电缆夹紧密封接头，请注明。
- The product comes with an explosion-proof plug as standard at the time of delivery. If the user requires an explosion-proof cable gland, please specify.

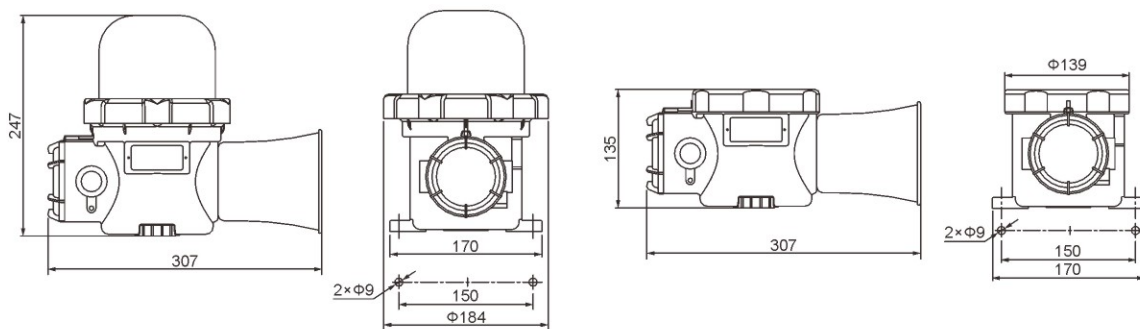
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技术参数 Technical Parameters

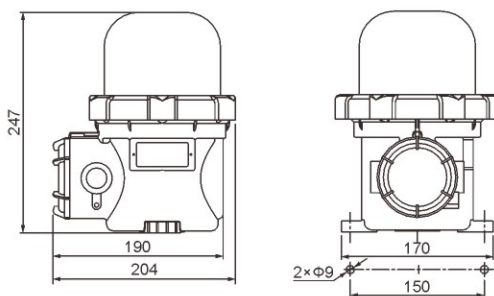
执行标准 Conformity to standards	GB/T 3836, IEC 60079, EN60079
外壳材质 Enclosure material	无铜铝合金, 表面喷塑, 黄色(RAL1021) Copper-free aluminum alloy, powder-coated surface, yellow (RAL1021)
透明罩材质 Transparent cover material	钢化玻璃, 抗4J冲击 Tempered glass, resistant to 4J impact
闪光次数 Number of flashes	150~160次/分钟 150~160 Times/min
声音强度 Sound intensity	110~120dB (R=1m)
环境温度 Ambient temperature	-60°C ~ +60°C
防护等级 Degree of protection	IP66
防腐等级 Corrosion-proof level	WF2
电缆引入口 Cable entries	3 × M25 × 1.5 堵头(铝合金), 推荐配2 × M25 × 1.5 格兰(黄铜镀镍) DQM-II/III Ex db, 适用于Φ12.5~Φ20.5mm 电缆 3×M25×1.5 plug (Aluminum alloy), 2×M25×1.5 gland (Nickel plated brass) DQM-II/III Ex db is recommended, suitable for Φ12.5~Φ20.5mm cable
接线端子 Terminal block	1.5 ~ 4mm ²

外形尺寸 Outline dimension



BBJ86-01□ 声光报警
BBJ86-01□ Sound and Light

BBJ86-02□ 仅发声报警
BBJ86-02□ Sound only



BBJ86-03□ 仅发光报警
BBJ86-03□ Light only