

BXK 防爆控制箱

BXK
Explosion-proof Control Panel



BXK



FXK

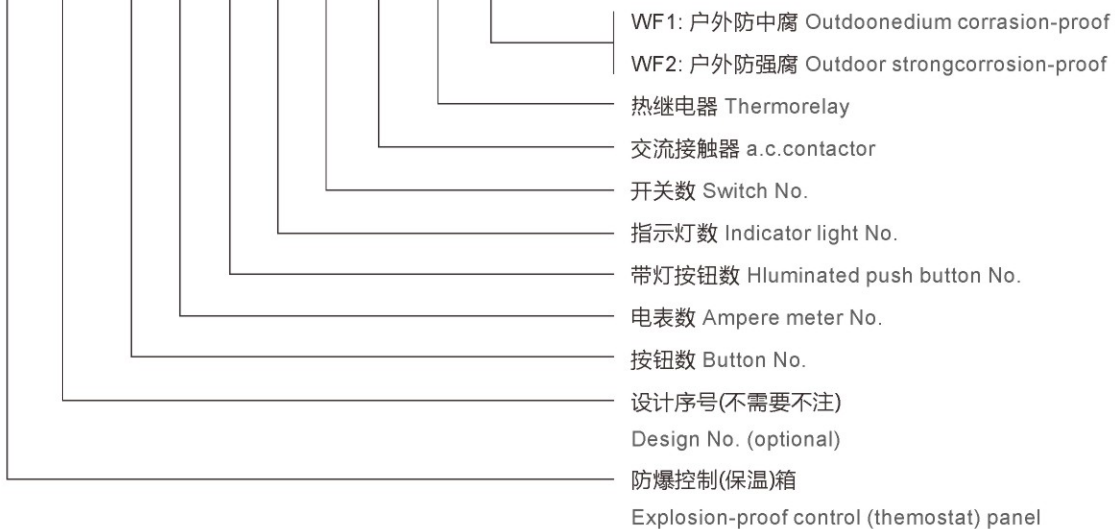


应用场所 Application

- 适用于直升机平台助降信号灯系统控制；
- 适用于爆炸性环境1区，2区，21区，22区等场所；
- 适用于环境温度：-40°C~+55°C。
- Used for controlling the signal lights of helidecklanding aid system;
- Explosive hazardous atmosphere Zone 1, Zone 2, Zone 21, Zone 22;
- Suitable for temperature of -40°C~+55°C.

型号含义 Catalogue number logic

BXK □□ - A□ B□ C□ D□ K□ JL□ RJ□ / □



产品特性 Features

- 壳体采用海工专用铝合金压铸成型，经特殊防腐处理后表面喷塑，也可定制不锈钢或优质钢；
 - 控制系统对灯具控制线路具有断路、短路、过载等保护功能，可把信息反馈至控制系统并报警。控制箱上配有手动报警装置，预防突发性的不可自动报警功能；
 - 控制箱可实现手动、远程切换功能，可实现现场和远程操作，并显示各种动作状态和故障，远程可选配控制面板显示；
 - 对状态灯烟雾报警、系统报警可实现自动与手动控制；
 - 常规额定电压为220/230V AC 50/60Hz，也可按现场需要定制24V DC，均双路供电，正常电源故障时，自动切换到备用电源继续工作，同时发出报警信号；
 - 控制系统满足电磁兼容性能，保证系统正常运行；
 - 直升机平台控制箱，控制整个助降信号灯系统，也可将Circle-H灯系统作为一个独立的单元，定制控制箱；
 - 可根据用户需要定制非防爆型控制箱，材质为不锈钢或优质钢，型号为FXK。
- Enclosure is made of maritime special aluminium alloy, powder coated surface after special corrosion-proof treatment, can also be made of stainless steel or carbon steel material.
 - Control system has protection functions of open circuit, short circuit, overload, etc. to control circuit of light fittings, which can reflect information to control system and alarm. There is manual warning device on the control box, which can prevent sudden non automatic warning function;
 - Control box can realize manual and remote switching function, field and remote operation, also display all kinds of activity status and faults, control panel is optional for remote displaying;
 - Smoke alarm and system alarm of status lamp can be realized control automatically and manually;
 - Conventional rated voltage is 220/230V AC 50/60Hz, can also be customized 24V DC, which are double-circuit feeding, when there is fault of normal power supply, it will switch to emergency power supply automatically and warning;
 - Control system meets EMC performance, ensure the normal operation of the system;
 - Helideck control box controls the whole landing aid signal light system, Circle-H light system can be a single unit to customize control box;
 - Non explosion-proof control box can be customized according to the requirements of customers, material is stainless steel or carbon steel, the type is FXK.

选配表 Selection table

型号 Type	额定电压(V) Rated voltage	额定电流(A) Rated current	防爆标志 Ex-Mark	进出线口方向 Inlet direction
BXK	380V/220V AC 50/60Hz 24V DC	≤100	Ex db IIB T6 Gb Ex tb IIIC T80°C Db	下进下出或按用户要求 Bottom entry or upon user's request

- 产品出厂时不配防爆电缆夹密封接头，如有需求，订货时请注明；
- 如需其他特殊要求，订货时请注明。
- The product is supplied without explosion-proof cable gland. If needed, please specify when ordering;
- If other special requirements are needed, please specify when ordering.

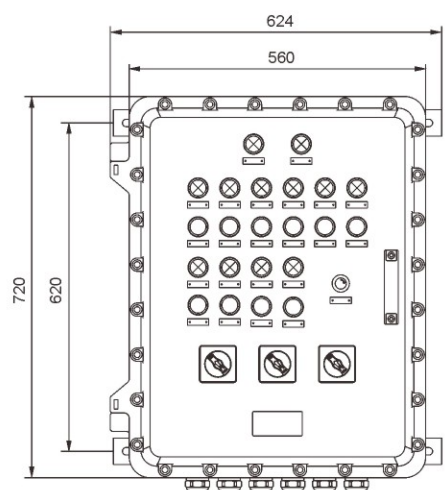
技术参数 Technical parameters

执行标准 Conformity to standards	IEC 60079, EN 60079, GB/T 3836, CCS 入级规范 (CCS standard)
防爆标志 Ex-Mark	Ex db IIB T6 Gb / Ex tb IIIC T80°C Db
额定电压 Rated voltage	380V/220V AC 50/60Hz, 24V DC
额定电流 Rated current	≤100A
防护等级 Degree of protection	IP66
防腐等级 Corrosion-proof	WF2
进出线口方向 Inlet outlet direction	下进下出或按用户要求 Bottom entry or upon user's request

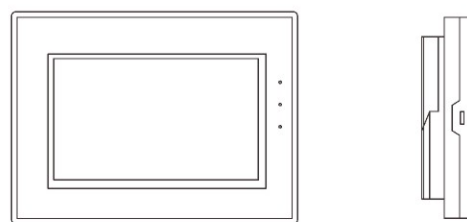
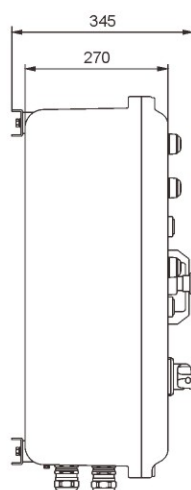
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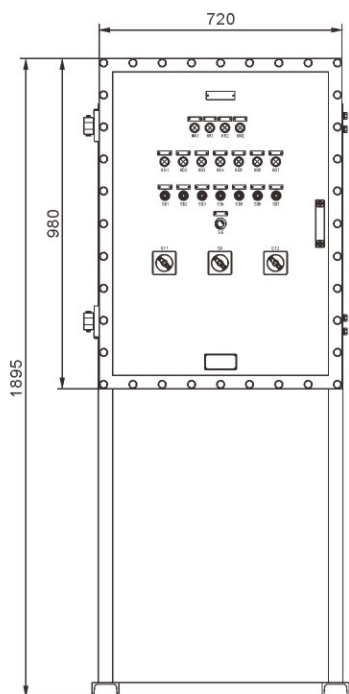
外形尺寸 Outline dimension



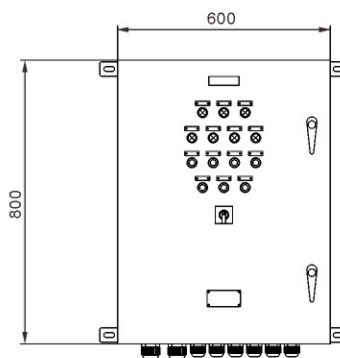
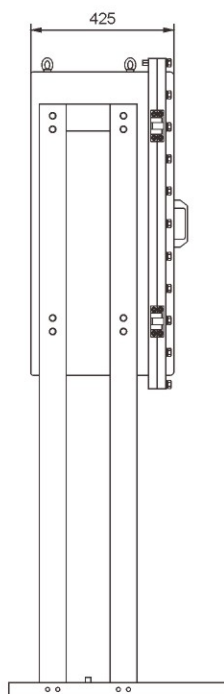
BXK



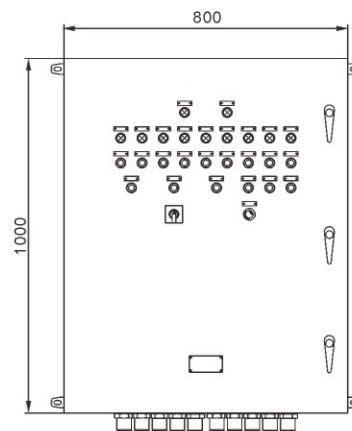
控制面板 Control panel



BXM(D)8061



FXK(Circle-H)



FXK

注：本图仅供参考，根据用户实际要求定制。

The drawing is only for reference, it can be customized according to the requirements of customers.