

KBJ-3桥楼航行值班报警系统(BNWAS)

设备组成 Device Composition

序号 S/N	型号 Model	名称 Name	主要材质 Main material	重量 Weight	防护等级 IP class
1	KBJ-3	桥楼航行值班报警控制器 Bridgenavigationwatchalarmcontroller	阻燃ABS Fire retardant ABS	1.22Kg	IP 20
2	AN-4Q	按钮盒 Button box	阻燃ABS Fire retardant ABS	0.32Kg	IP 20
3	AN-4G	按钮盒 Button box	阻燃ABS Fire retardant ABS	0.5Kg	IP 44
4	AN-4F	按钮盒 Button box	不锈钢 Stainless steel	1.8Kg	IP 56
5	BJ-6Q	延伸报警器 Extension alarm unit	阻燃ABS Fire retardant ABS	0.2Kg	IP 20
6	BJ-6G	延伸报警器 Extension alarm unit	阻燃ABS Fire retardant ABS	0.5Kg	IP 20
7	SL-1	报警输出选择单元 Alarm output selection unit	阻燃ABS Fire retardant ABS	0.16Kg	IP 20
8	KY-1G	稳压电源 Constant voltage power supply	碳钢 Carbon steel	1.7Kg	IP 44

KBJ-3桥楼航行值班报警控制器 Bridge navigation watch alarm controller

功能描述

桥楼航行值班报警系统旨在监视桥楼活动，尽可能避免与驾驶台操作有关的海上事故。

该系统符合海安会MSC.128 (75) 决议的要求，可用于各类船舶。

系统休眠期结束后，发出视觉报警信号。

视觉报警15s后，将加发第一级听觉报警信号。

一级听觉报警15s后，将加发第二级听觉报警信号和VDR输出。

二级听觉报警90s (可调最大3 min) 后，将加发第三级听觉报警信号和VDR输出。

可通过按下“应急呼叫”按键，可立即激活第二和第三级远距离听觉报警和VDR输出。

失电报警功能 调光和调时功能。

Function

Bridge navigation watch alarm system is designed for watching the bridge navigation situation in order to avoid possible sea accident about bridge operation.

This system is in accordance with the requirements of MSC.128(75) resolution and can be used on various ships.

After dormancy time is over, it will send out visual alarm signal.

After visual alarm for 15s, it will send out first-class audible alarm signal.

After first-class audible alarm for 15s, it will send out second-class audible alarm signal and give VDR output.

After second-class audible alarm for 90s(can be adjusted up to 3 min), it will send out third-class audible alarm signal and give VDR output.

Press down Emergency Call button and it will immediately active second-class and third-class long distance audible alarm and VDR output.

Power failure alarm Dimmer and time adjust

使用环境 Ambient condition

设备的使用环境条件:

Equipment should be used in the following ambient condition:

- a) 环境温度 Ambient temperature: 0°C ~ + 55 °C;
- b) 相对湿度 Relative humidity: ≤ 95%;
- c) 气压 Atmospheric pressure: 86 kPa ~ 106 kPa;

工作电源 Power supply

主电源 Main Power: DC24V^{+30%}/_{-25%}, 应急电源 Emergency Power: DC24V^{+30%}/_{-25%}

报警声压级 Alarm sound pressure level: 80dB(A) ~ 90dB(A)

二、三级报警有源输出

Second-class, third-class alarm power output: 24VDC/2A

二、三级报警无源输出触点容量

Second-class, third-class alarm passive contact output capacity:

30VDC/2A, 125VAC/1A

功耗 Power loss: ≤ 12W

按钮盒 Button box: ≤ 2W

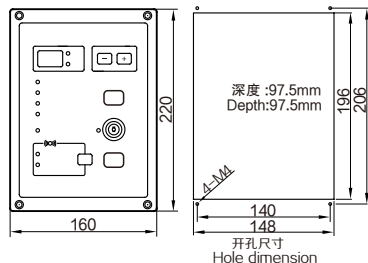
延伸报警器 Extension alarm unit: ≤ 2W

颜色 Color: 黑色 black (RAL 9005)

防护等级 IP class: IP20

重量 Weight: 1.22Kg

功耗 Power: 8W



AN-4按钮盒Button box

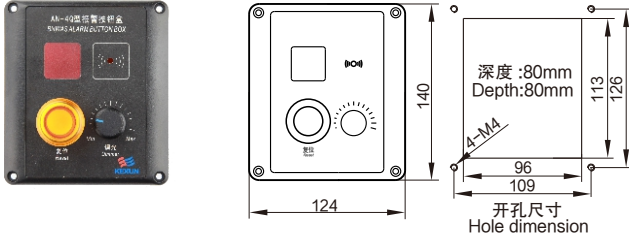
功能描述

BNWAS系统中带“复位”功能的报警按钮盒，具备调光功能，可安装于驾驶室。在收到报警信号后，光/声光报警。可通过“复位”按钮对主机进行复位操作。

Function

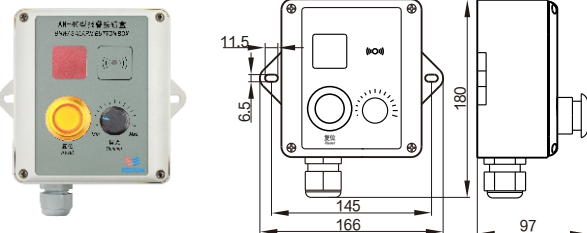
For BNWAS system, alarm button box with reset function has function of dimmer, which can be mounted in wheelhouse. After receive the alarm signal, it will send out audible and visual alarm. Main unit can be reset by the reset button.

AN-4Q按钮盒Button box



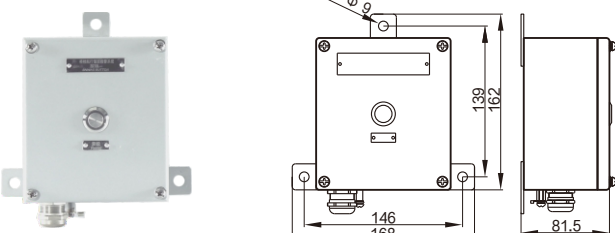
颜色Color:黑色black (RAL9005)
防护等级 IP class:IP20
重量 Weight:0.32Kg

AN-4G按钮盒Button box



颜色Color:白色white (RAL 1013)
防护等级 IP class:IP44
重量 Weight:0.5Kg
填料函进线孔径 Stuffing box cable entrance hole size: 1-Φ 14mm

AN-4F按钮盒 Button box



颜色Color:白色white (RAL 1013)
防护等级 IP class:IP56
重量 Weight:1.8Kg
填料函进线孔径 Stuffing box cable entrance hole size: 1-Φ 14mm

BJ-6延伸报警器Extension alarm unit

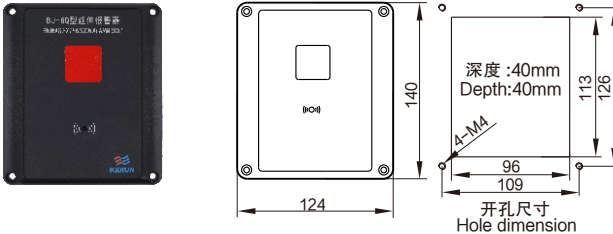
功能描述

用于延伸报警。

Function

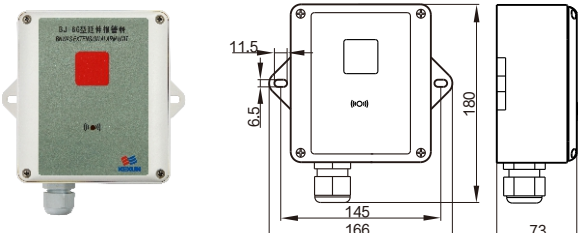
For extension alarm.

BJ-6Q延伸报警器Extension alarm unit



工作电源Power supply:DC24V^{+30%}/_{-25%}
报警声压级Alarm sound pressure level: 75dB~85dB
颜色Color:黑色black (RAL9005)
防护等级 IP class:IP20
重量 Weight:0.2Kg

BJ-6G延伸报警器Extension alarm unit



工作电源Power supply:DC24V^{+30%}/_{-25%}
报警声压级Alarm sound pressure level:75dB ~ 85dB
颜色Color:白色white (RAL 1013)
防护等级 IP class:IP44
重量 Weight:0.5Kg
填料函进线孔径 Stuffing box cable entrance hole size: 1-Φ 14mm

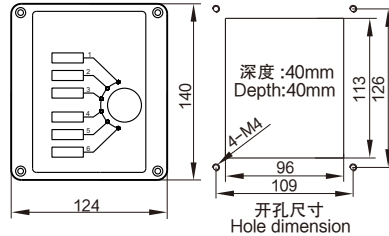
SL-1报警输出选择单元 Alarm output selection unit

功能描述

二级报警时可选择值班人员。
三级报警时具有全通功能。

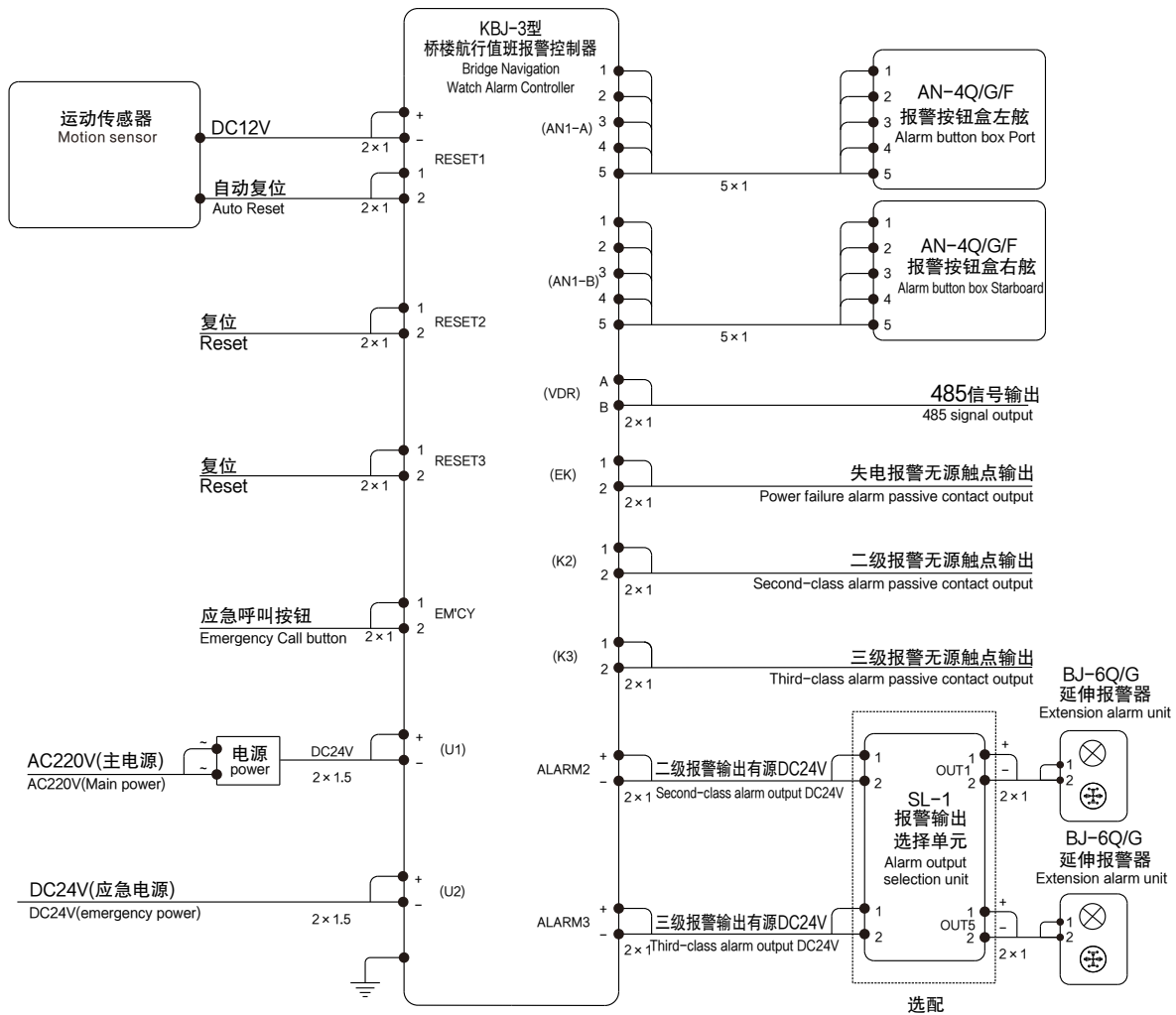
Function

Duty personnel can be selected during second-class alarm
All-pass function is available during third-class alarm



工作电源 Power supply: DC24V $\pm 30\%$
输出区域 Output area: 5lines
颜色 Color: 黑色 black (RAL9005)
防护等级 IP class: IP20
重量 Weight: 0.16Kg

KBJ-3桥楼航行值班报警系统接线示意图 KBJ-3 BNWA system connection diagram



说明:

SL-1型报警输出选择单元此设备为选配设备, 无此设备时, 延伸报警器直接连接到控制器报警输出端口ALARM2/ALARM3上。

Note:

SL-1 alarm output selected unite is optional. If without this equipment, extended alarm unit connect directly to alarm output terminal ALARM2/ALARM3 of controller.