

YFL-A 系列电气火灾监控探测器 – 剩余电流式

Series electric fire monitoring detector-residual current type



概述 General



YFL-A 剩余电流式电气火灾监控探测器是 YFL 漏电火灾报警系统的重要组成部分，采用了数字处理技术，既可以独立使用，也可以通过 CAN 现场总线与系统主机组网运行，具备抗干扰性强，安装简单，维护方便，运行稳定等特点。

YFL-A 剩余电流式电气火灾监控探测器集过电流、剩余电流、温度、短路故障的检测、预警、报警、控制等多种功能于一体，且具有智能化分析能力的新型防火设备。当供电设备发生电气事故时，探测控制器能发出报警声及时提醒工作人员检查故障，排除可能发生的电气隐患，防止事故发生。

YFL-A residual current type electric fire monitoring detector is an important component of YFL leakage current fire alarm system, it adopts digital processing technology, it not only can be used separately, but also can constitute network with system main frame through the on-site CAN bus, it is featured with strong anti-interference performance, simple installation, convenient maintenance, stable running, etc.

YFL-A residual current type electric fire monitoring detector has detection, early-warning, warning, control and so on against over-current, residual current, temperature and short-circuit fault, is a new type fire-control equipment that has intelligent analysis function. When the power supply equipment has electric accident, the detecting controller would send out sound alarm to remind the operator to check the fault in time, which enables the operator to eliminate the possible hidden electric trouble in time, avoid accident effectively.

产品特点 Product features

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| <ol style="list-style-type: none"> 1、安装简易; 2、三相电流运行状态显示; 3、剩余电流值显示; 4、过电流预警、报警; 5、剩余电流预警、报警; 6、控制输出(对断路器脱扣)功能; 7、自检功能; 8、复位功能; 9、消音功能; 10、中文 LCD 显示; 11、设备参数现场手动设定或远程设定; 12、现场 RS232 维护接口; 13、声光报警; 14、总线通讯; 15、具备测温功能(需温度探测器件选配)。 | <ol style="list-style-type: none"> 1. Simple installation; 2. Operating state display of three-phase current; 3. Residual current display; 4. Over-current early-warning and warning; 5. Residual current early-warning and warning; 6. Control output (for tripping of circuit breaker) function; 7. Self-inspection function; 8. Reset function; 9. Sound attenuation function; 10. Chinese LCD display; 11. On-site manual setting or remote setting of equipment parameters; 12. On-site RS232 maintenance interface; 13. Sound and light alarm; 14. Bus communication; 15. Temperature measurement function (should be equipped with temperature detector). |
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设备参数 Parameters

输入电压 Input voltage	AC220 ± 10% 50Hz	使用环境 Service condition	-20℃ ~60℃
输出脱扣 Output tripping	接点 220V 0.5A Contact	相对湿度 Relative humidity	≤ 90%RH(40℃ ± 2℃)
报警方式 Warning mode	声光报警 Sound and light alarm	海拔高度 Altitude	≤ 4500 米 m
通信方式 Communication mode	CAN 总线 Bus	设备尺寸 Equipment dim	长 L1179mm × 宽 W100mm × 高 H76mm
总线介质 Bus medium	ZR-RVS-2 × 2.5 双绞线 Twisted-pair wire	安装方式 Installation method	导轨式、视窗式 Guide rail type, viewing window type
通信距离 Communication distance	≤ 10km	执行标准 Executive standard	GB14287.2-2005