

XZ®

XXS-97P 型
单点闪光信号报警器
产 品 说 明 书

上海晓舟电子仪表工贸有限公司

专利产品谨防假冒

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XXS-97P 型单点闪光信号报警器

XXS-97P Sound and flash auto-signaling alarm device

1. General

XXS-97P sound and flash auto-signaling alarm device is a new product developed by our company in recent years. It is a device used to alarm the change of the process parameter through light flash and sound. It is specially designed for the industry of electricity, the industry of metallurgy, the chemical industry, the petroleum industry and so on.

一、简介

XXS-97P 型单点型号报警器是本公司近年来研制的新产品，是用于电力、化工、冶金、变电、石油等工业自动化控制设备中监视生产过程各种参数变化的自动化报警装置，通过一次仪表发出接点信号，由本报警器实行闪光、音响报警，以确保生产过程安全。

2. Highlights

Small & flexible structure

The device is small in size, concise in design and flexible in assembling. The devices can be structured freely in the panel according to the needs of different customers.

Highly reliable

The advanced design of independent power modules ensures the normal operation of other parts when there is one power module default.

With the function of periodical hardware self-check, the device can display any fault found immediately.

There is one photo electricity isolator for each signal channel.

Long life cycle

LED used is of the characteristics of long life cycle and low maintenance.

Configure easy

It's very easy to configure the device by binary switch.

二、特点

单点组合报警结构小巧，拼装灵活，可任意组合，并且采用先进的独立电源结构和自我故障显示等功能，给现场维护人员提供第一时间。与传统的同类仪表相比，具有性能稳定、安装简单、维护方便等各大优势。

本报警器采用单点积木式组合，集中组装在盘上，电路采用可靠性强的 HD74 系列 MOS 电路，输入端进行光电隔离，因而提高了抗干扰性，每一个报警发光点都有一套独立的电源系统，所以不存在因电源系统故障而影响整个报警系统不能正常工作的现象，并且可以根据不同的要求任意扩大报警点数，每个报警点还有一套自我检测显示系统，如有故障会自动显示，给现场维护人员提供第一时间，光子牌采用使用寿命长，维护率低的 LED 固体发光器件，系统采用操作简便的两按钮按制程序。

3. Parameter

Power supply: 20VAC \pm 10%, 50/60Hz

Temperature: -10 $^{\circ}$ C \sim 55 $^{\circ}$ C

Size(L*H): 80mm*40mm

Flash frequency: 1 time per second

Alarm signal 分频率: <0.2mm

Power consume: <2.5 Watt

三、技术指标及参数

- 1) 工作电源: 220VAC±10% (50~60Hz)
- 2) 工作温度: -10℃~55℃
- 3) 光字牌尺寸: 80mm×40mm
- 4) 闪光频率: 每秒 1 次
- 5) 报警信号分频率: <0.2mm
- 6) 功耗: <2.5W

四、外形尺寸与开孔尺寸

4. Frame size & hatch size

1) 外形尺寸: (3×8 为例)

Frame size with three row and eight column

2) 开孔尺寸:

Hatch size

$$L=80n+8$$

$$H=40n+8$$



5. Operation and Maintenance

- 1) Test push bottom can check the complete function of the entire alarm panel;
- 2) If there is abnormal situation after pushing down the test push bottom, please check the input contact first on terminal, and then inspect the photo electricity isolator, LED and so on.
- 3) The control PCB in the device can be exchanged mutually.
- 4) The display content above the LED can be printed by XIAOZHOU according to the customer requirement.
- 5) The grantee period is 18 month. We are responsible for free recovery, maintenance and change of device parts within this 18 months under the condition that there is no mal-use by the customer.

五、使用和维护

1. 信号报警“试验”按钮是对整机的全功能检查。
2. 按“试验”按钮如发现某点报警点不正常时,则应以输入端子上对应报警点查起,经对该报警点的光电隔离器编号到输入、输出接口直至相应的光字牌编号这一通道上进行检查。
3. 本报警器控制板是通用的,可以互换。即发现某一块控制板发生故障,只要将备用控制板换上就可。
4. 本机保用期限为购机日起至十八个月为止,由于非用户使用不当,造成故障,本公司负责予以免费修复、调换。
5. 本报警器光字牌内容,可由本公司代为刻字。以确保显示部分清晰、美观、规范。

6. Ordering instructions

- 1) The customer should supply the requirements for alarm panel frame and content written on the panel(if needed).
- 2) The customer should supply the length of prefab cable.
- 3) If the customer has special color requirements for the alarm panel, please supply the standard color card.

六、订货须知

1. 订货时须提供设计院或用户光子牌组合图纸及报警内容。
2. 用户须提供预制电缆的长度。
3. 如用户对机箱有颜色要求，须提供色标。

7. Ordering Options

XXS-97P-01 power: 220VAC

XXS-97P-02 power: 24VDC

七、订货型号

1. XXS-97P-01 工作电源:220VAC
2. XXS-97P-02 工作电源:24VDC

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