

JTD-24 信号通断监测分路报警装置

使用说明书



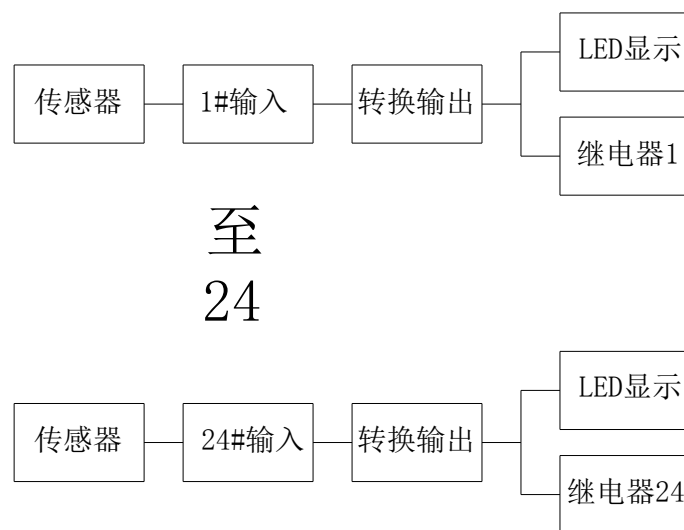
哈尔滨华新电力电子设备有限公司

一、概述

JTD-24 型信号通断监测分路报警装置适用于在信号传输过程中，故障断路或开路检测元件。

二、工作原理

JTD-24 型信号通断监测分路报警装置，是供自动化系统在信号传输过程中检测其传输回路用，当信号传输异常时，则装置面板上对应的红色信号灯亮，同时对应的输出继电器接点输出报警，多个信号传输异常时，则多个灯亮，其对应的多个继电器动作、报警。该装置采用贴片技术、集成化，具有功耗低，可靠性高，易维护等特点，用红色信号灯显示信号故障回路，使维修者可立即找到故障点，便于维修。



原理框图

三、特点

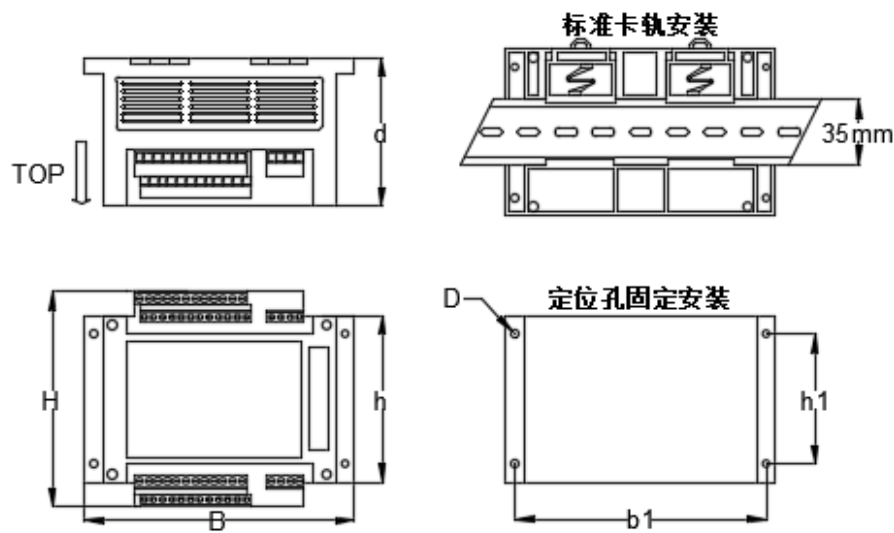
- 可直观显示第几路报警及总共报警路数
- 采用贴片技术，性能更稳定。

四、技术参数

- 输入类型：常开型或常闭型
- 输入路数：24 路
- 工作电源：DC24V
- 输出接点容量：3A/250VAC、5A/30VDC

● 外形尺寸及安装:

尺寸图表:



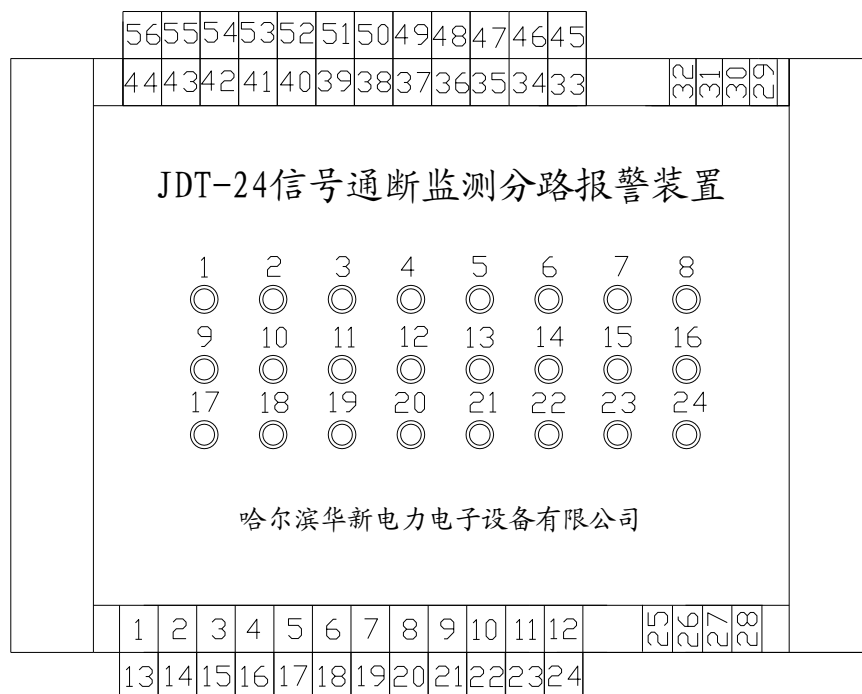
外形及开孔尺寸表						单位: mm	
型号及部件	B	H	h	d	D	b1	h1
JTD-24主机	145	116	90	72	Ø4	135	70

五、接线

1. 按照标号将信号器的一根端线接入相对应的端子。
2. 将所有信号器的另一根端线并联后接入 25 或 26 公用端。
3. 如果信号器个数不足 24 路时,则将多余输入信号端子并联后接入 25 或 26 公共端。

4 接线端子定义:

- 1-24 为第 1 至第 24 路信号输入接点。
- 25、26 为第 1 至第 24 路信号输入公用点。
- 27、28 为工作电源 DC24V 输入, 27 为 “-”, 28 为 “+”。
- 29-32 为第 1 至第 24 路继电器输出公用点。
- 33-56 为第 1 至第 24 路继电器输出接点。



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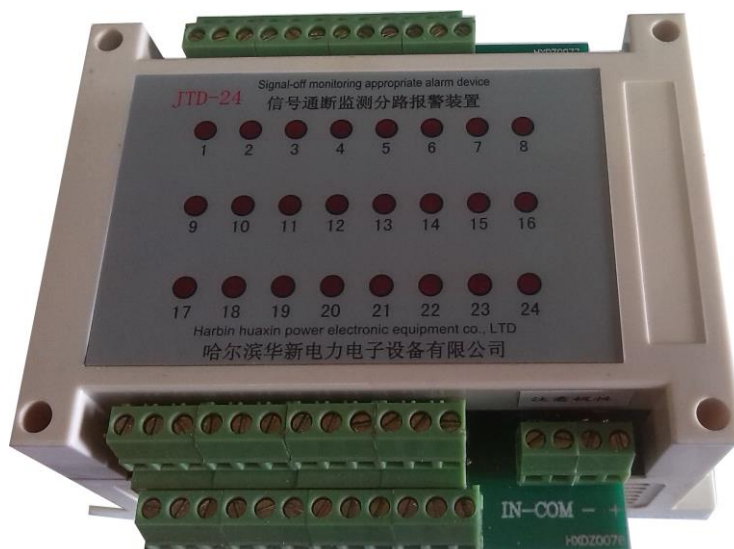
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JTD-24 Signal-off monitoring appropriate alarm device User's Manual



Harbin Huaxin Power Electronic Equipment Co., Ltd.

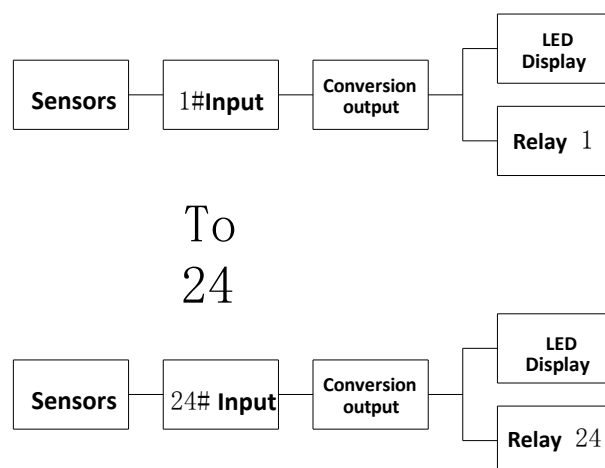
1、 Overview

JTD-24-type signal splitter off alarm device suitable for monitoring the signal transmission process, open circuit or open circuit failure detection devices.

2、 Design Principles

JTD-24-type signal splitter off alarm monitoring device is intended for automation systems used to detect the transmission loop in the signal transmission process, when the signal transmission error, the corresponding lights on the device panel red light, while the corresponding output relay contacts output alarm signal transmission when multiple anomalies, multiple lights, multiple relay its corresponding alarm. The device uses chip technology, integration, low power consumption, high reliability, easy maintenance, with red lights display signal fault loop, so that maintenance personnel can immediately find the point of failure, ease of maintenance.

JTD-24 type Block diagram



3、 Features

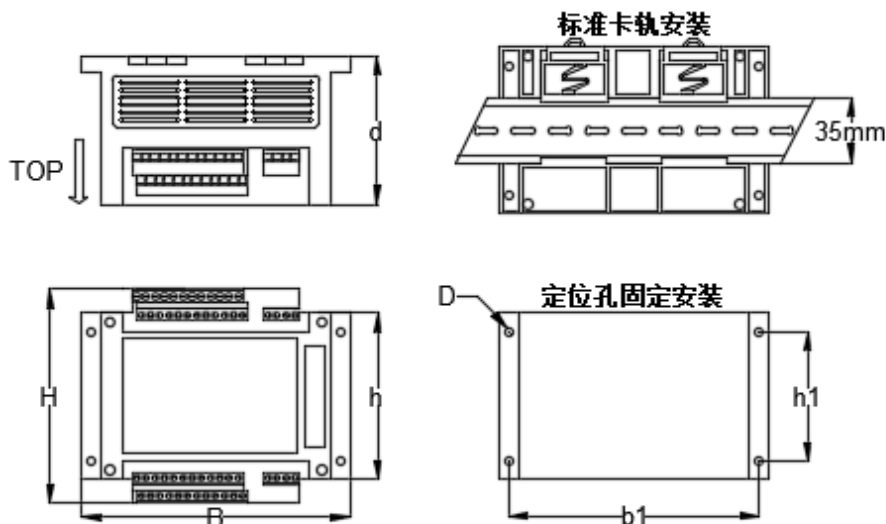
- Can visualize the first few large ones alarm and total alarm
- Using SMD technology, more stable performance.

4、 Technical Parameters

- Input type: NO or NC.
- Number of inputs: 24 Road

- Power supply: DC24V
- Output contact capacity: 3A / 250VAC, 5A / 30VDC
- Outline dimensions and installation:

Dimensional chart:



List of dimensions and opening							Unit: mm
Model and parts	B	H	h	d	D	b1	h1
JTD-24 Host	145	116	90	72	Ø4	135	70

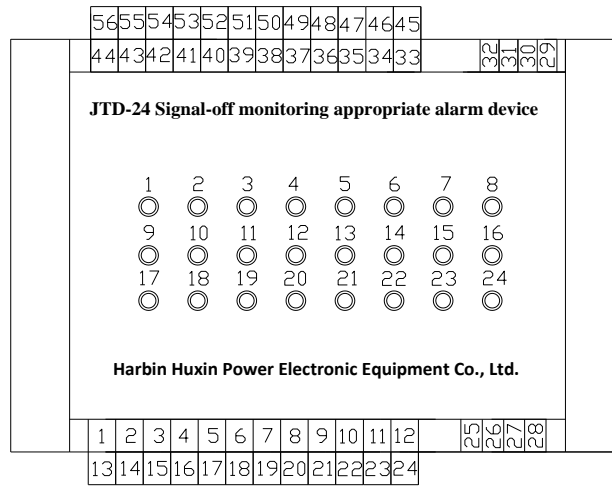
5、 Connection

- 1) According to the reference signal corresponding to an end of the line access terminals.
- 2) After all of the other end of the line parallel signal the end of public access to 25 or 26.
- 3) If the signal is less than 24 the number of the road, then the excess input signal terminal after 25 or 26 parallel access to the common terminal.

4) Terminals definition:

- 1-24 is 1 to 24 channel signal input contacts.
- 25 and 26 to 24 for the first one-way signal input utility points.
- 27 and 28 for the power supply DC24V input, 27 "-" 28 "+".
- 29-32 for the first 1 to 24 relay outputs utility points.

- 33-56 for the first 1 to 24 relay output contacts.



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