

DH48S-2Z

Digital display time relay (upgrade)

数显时间继电器 (升级款)



产品概述

Product Overview

DH48S系列数显时间继电器(以下简称继电器)属于通电延时型,适用于交流47-63Hz、工作电压265V以下或工作电压12V、24V的控制电路中作延时元件。内部装有高性能微电脑芯片为核心元件、晶体振荡器为时钟源、超亮LED为显示部件。具有抗干扰性能好、延时精度高等优点; DIN48×48mm标准面板尺寸。产品符合GB14048.5-2000、JB/T10047-1999等相关标准规定。

DH48S series digital display time relay (hereinafter referred to as relay) is a power delay type, suitable for AC 47–63Hz, working voltage 265V or working voltage 12V, 24V control circuit as a delay element. The interior is equipped with a high–performance microcomputer chip as the core component, a crystal oscillator as the clock source, and an ultra–bright LED as the display component. It has the advantages of good anti–interference performance and high delay accuracy; DIN48×48mm standard panel size. Products comply with GB14048.5–2000, JB/T10047–1999 and other relevant standards.

应用说明

Application description

- 外接复位、暂停端子禁止引入电压, 端子短路阻抗不大于 1kΩ, 如端子引出线大于500mm时请用屏蔽线。任意时刻接通复位端子, 继电器恢复到初始状态。接通暂停端子时, 计时停止, LED显示当前时间, 断开暂停端子继电器继续延时, (此功能可用累时器用)。
- 将拨码开关预置好, 通电后继电器开始延时, LED 显示当前延时时时间, 预置时间到, 延时触头转换, 实现定时控制。
- DH48S-S具有以下特别功能: ①出错提示,用户将数字拨码设为全0, LED显示 “Erro”, 提示用户重新预置。②:触点状态指示, 用户接通复位端子, LED显示当前延时时时间段。③单次延时, 用户将高两位或低两位数字拨码置0, 就可以实现通电单次延时功能, 预置时间到, LED显示当前延时码好, 继电器按触点先放再吸又放这样循环延时, 同时LED相应数码显示当前是哪段时间延时。
- The external reset, suspend the terminal do not introduce voltage, short circuit impedance of the terminal is not greater than 1k2, if the terminal lead line is greater than 500mm, please use a shielded wire. Turn on the reset terminal at any time, and the relay returns to its initial state. When the pause terminal is connected, the timing stops, the LED displays the current time, and the pause terminal relay continues to delay,(this function can be used with the accumulator).
- The dip switch is preset, the relay begins to delay after the power is powered on, the LED displays the current delay time, the preset time is up, and the delay contact is converted to achieve timing control.
- DH48S–S has the following special functions :① error message, the user sets the digit dip switch to all 0,LED display “Erro”, prompting the user to reset. ②: Contact status indication, the user turns on the reset terminal, and the LED displays the current delay period. ③ Single delay, the user will be high two or low two digit dip set 0, you can realize the power single delay function, preset time,LED display the current delay code is good, the relay press the contact first put and then put this cycle delay, while the corresponding LED digital display is the current time delay.

主要技术参数

Main Technical Parameters

| 项目 Item | 参数 Parameters |
|----------------------------------|-------------------------------------------------------------------|
| 工作电源 Working power supply | 电压波动范围为 85%–110% Voltage fluctuation range is 85%–110% |
| 功耗 Power consumption | ≤5W |
| 额定电压 Rated voltage | AC: 110V 、220V、380V DC: 12V 、24V |
| 延时控制精度 Delay control accuracy | ≤0.3% ± 0.05s |
| 延时范围 Delay range | 0.01秒~99小时 99分 0.01s~99hours 99minutes |
| 触点容量 Contact capacity | 阻形负载Resistance load 5A 250VAC 阻形负载Resistance load 5A 28VDC MAX |
| 误差 Error | ≤50ppm(设计误差、重复误差) ≤50ppm(design error, repeat error) |
| 环境温度 Ambient temperature | –10℃~50℃ |
| 动作方式 Action mode | 通电单次延时型 Power single delay type |
| 输出方式 Output mode | 延时2转换 SPDT(2C) |
| 安装方式 Installation mode | 面板式 Panel type |

外形及安装尺寸 / 接线图

Outline and mounting dimensions/wiring diagram (mm)