

JS48S DH48S introduced advanced foreign technique, and adopts special large scale integrated circuit and LED character display. In accordance with the standard of foreign technology. This kind of time relay can replace H5CN made by OMRON company and the similar products. It has the advantages of beautiful appearance, long time delay, high accuracy, low-power consumption and long life, large contact capacity and so on. It's widely used as the automatic control equipment.

#### Specifications

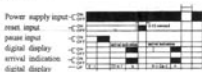
- Power source: 85% ~ 110% rated voltage
- AC: 110V, 220V, 380V
- DC: 12V, 24V
- Delay control accuracy  $\leq 0.3\% \pm 0.05s$
- Contactor capacity AC 220V, 5A DC 30V 5A (resistive)

- Mechanical life:  $\geq 10^7$
- Electrical life:  $\geq 10^4$
- Ambient temperature:  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
- Power consumption:  $\leq 3\text{W}$
- Altitude:  $< 2000\text{m}$

Time-delay range: (set by the switch on the panel)

| Switch position  | Hour      | Minute    | Second       |
|------------------|-----------|-----------|--------------|
| Time-delay range | 1M-99H99M | 1S-99M99S | 0.01S-99.99S |

Operating program figure:



#### Wiring diagram

#### Overall dimension



#### Operation instructions;

- Please use after presetting.
- Zero reset function and used for breaking time delay (CH48S-2Z Excepted)
- Whenever switch on connector 1,3, the point will revert to the original position. It starts after cutting off. Making use of the function to connect 1,3, with the outside controlled point, it can realize breaking time relay.
- The pause function and using as a time-accumulator. (CH48S-2Z Excepted). Whenever switch on connector 1,4, Timing will be paused and showing "continued", timing will be continued when the connector is cut off. It can be used as a time-accumulator by this function.
- As for reset and pause conductor, please use shielded conductor.
- Don't input voltage to CH48S-1Z 1,2,3 terminal from outside.