JS series
Timer

TAISUO® 泰索

Instruction Manual

Introduction

Thank you for purchasing this TAISUO product. Read this instruction manual and thoroughly familiarize yourself with the functions and characteristics of the product before using it. Keep this instruction manual for future reference.

⚠ CAUTION

Do not touch terminals while power is being supplied. Doing so occasionally result in minor injury due to electric shock.

Perform correct setting of the product according to the application. Failure to do so is may occasionally cause unexpected operation, resulting in minor or moderate injury or damage to equipment.

Ensure safety in the event of product failure by taking safety measures, such as installing separate overheating alarm system. Product failure may prevent control operations of alarm output, resulting in damage to the connected facilities and equipments.

Do not allow pieces of metal, wire clippings, or fine metallic shavings or filings from installation to enter the product. Doing so may result in electric shock, fire, or malfunction.

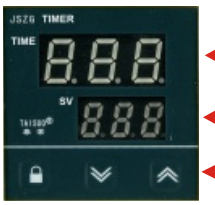
Do not use the product in locations where flammable or explosive gases are present. Doing so may result in minor or moderate explosion, causing minor or moderate injury, or property damage.

Do not attempt to disassemble, repair, or modify the product. Doing so may occasionally result in minor or moderate injury due to electric shock.

■Characteristics & Specifications

Power supply voltage	AC110V; 220V; 380V; or defined power
Operating frequency	50-60Hz
Power consumption	3VA
Time relay accuracy	0.01 class ±0.01 second
Output contact	AC250V, 3A (resistance)
Ambient temperature	0-50℃ (avoid freezing or condensation)
Ambient humidity	35%-85%RH
Weight	Approx.200g
Available sizes	48×48mm; 48×96mm; 72×72mm; 53×105mm;

■Names of parts on front panel



Set key
press this key to change parameter setting level

No.1 display
time counting process

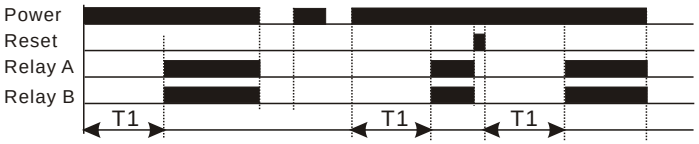
No.2 display
setting time display

Down/Up key
use the keys to change the values displayed on the No.2 display.

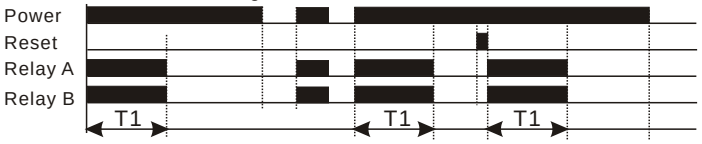
■Relay working status

(■ relays are activated, NC mode; □ relays are inactivated, NO mode)

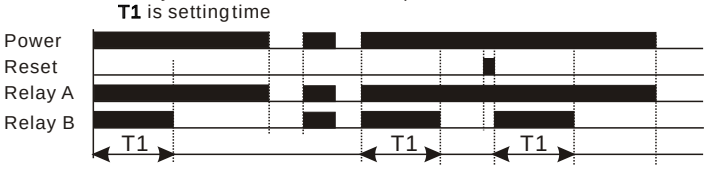
1. Fn = 0, Relay A and B will be activated after **T1**, **T1** is the setting time



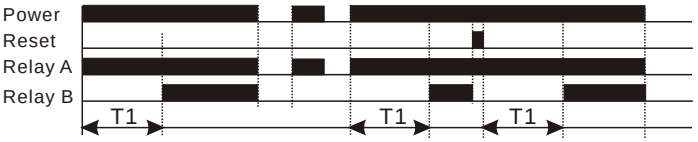
2. Fn = 1, Relay A and B will be activated in **T1** when power on the instrument, **T1** is the setting time



3. Fn = 2, Relay A is always activated in the whole power on time, Relay B is activated in **T1** when power on instrument **T1** is setting time



4. Fn = 3, Relay A is always activated in the whole power on time, Relay B is activated after **T1** **T1** is setting time



■Parameter level description

Level 1

Press UP ⩔ and DOWN ⩒ keys to set the time delay point.

Level 2 **Press " 🔒 " 3 seconds**

r2 000
The second time delay. Reset time setting parameter
EX: T2=005, then after T1 over, T2 is activated, 5 seconds/minutes later, Relays will be activated again, and create a cycle.
Setting range: 0~999 seconds, when it is 0, then no reset

LcY 000
Function lock
when **LcY** = 011, then you can enter the following parameter level.

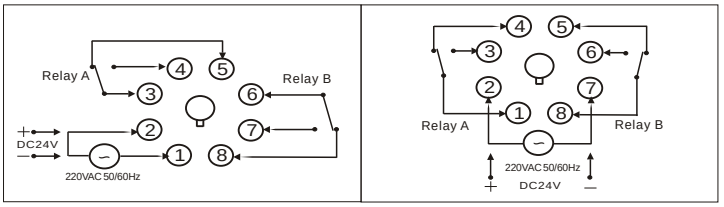
Level 3 **LcY** = 011 **Press** " 🔒 "

dAI 000
This parameter means the time delay range, the codes are below:

Counting time decreasingly		Counting time increasingly	
Code	Delay range	Code	Delay range
00	0.01~9.99 seconds	09	0.01~9.99 seconds
01	0.1~99.9 seconds	10	0.1~99.9 seconds
02	1~999 seconds	11	1~999 seconds
03	0.01~9.99 minutes	12	0.01~9.99 minutes
04	0.1~99.9 minutes	13	0.1~99.9 minutes
05	1~999 minutes	14	1~999 minutes
06	0.01~9.99 hours	15	0.01~9.99 hours
07	0.1~99.9 hours	16	0.1~99.9 hours
08	1~999 hours	17	1~999 hours

Fn 000
The parameter controls relays action.
Setting range is from 0 to 3.
Please see previous Relay working status section

■Connection diagram



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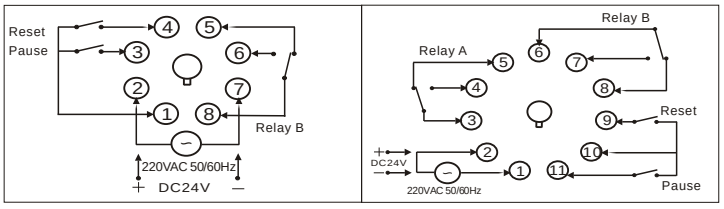

JSZ - 3 JSZ - 4

■Link

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