



## JSS48A Time Delay Relay

### 1. General

JSS48A series time delay relay is mainly used as time control component in the control circuit with AC frequency of 50Hz/60Hz, rated control supply voltage up to 380V and DC rated control supply voltage up to 240V for connecting and disconnecting the circuit at preset time.

Standards:IEC 60947-5-1.

### 2. Type designation

JSS 48 A - □

Feature code

- Nil:means 8-pin power delay one group changeover,equipped with function of reset,pause(Multi-span delay)
- 2Z:means 8-pin power delay two group changeover(Multi-span delay)
- 11:means 11-pin power delay two group changeover,equipped with function of reset,pause(Multi-span delay)
- S:means 8-pin circulation-delay one group changeover,equipped with function of reset, pause(Multi-span delay)
- G2:means 2 digit dial-up setting,8-pin power delay two group changeover(Single-span delay)
- G3:means 3 digit dial-up setting,8-pin power delay two group changeover(Single-span delay)
- G4:means 4 digit dial-up setting,8-pin power delay two group changeover(Single-span delay)
- P2:means 2 digit dial-up setting,indicator type 8-pin power delay two group changeover (Single-span delay)
- P3:means 3 digit dial-up setting,indicator type 8-pin power delay two group changeover (Single-span delay)
- P4:means 4 digit dial-up setting,indicator type 8-pin power delay two group changeover (Single-span delay)

Derived code

Design sequence No.

Time delay relay

Note: This product is applicable for wide range of operating voltage, for instance, operating voltage within AC/DC24V~48V means it can operate normally within the voltage range of AC/DC 24V to 48V.

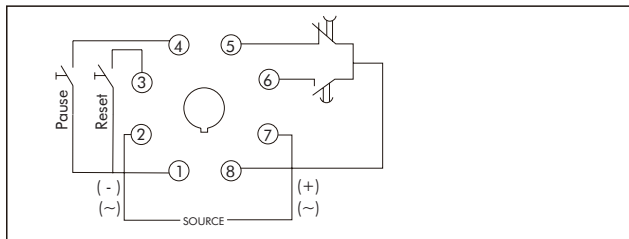
### 3. Technical data

3.1 Main specifications please refer to the table

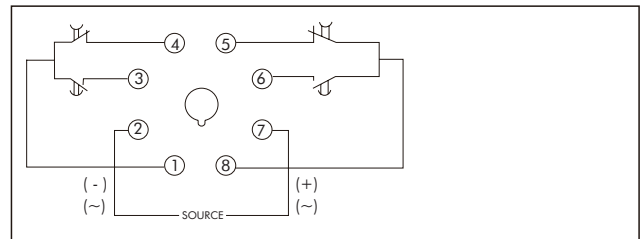
Model	JSS48A	JSS48A-2Z	JSS48A-11	JSS48A-G	JSS48A-P	JSS48A-S
Delay range	0.01s~99.99s,1s~99min99s,1min~99h99min Multi-span delay, time base adjustable			0.01s~9.99s,0.01s~99.99s,0.1s~9.9s, 0.1s~99.9s,0.1s~999.9s,1s~99s,1s~999s, 1s~9999s,0.1min~9.9min,0.1min~99.9min, 0.1min~999.9min,1min~99min, 1min~999min,1min~9999min,0.1h~999.9h Single-span delay, time base non-adjustable		1s~99s, 1min~99min, 1h~99h, Multi-span delay, time base adjustable
Indication form	Digitron				Indicator	Digitron
Number of contacts	Delay 1 change-over set	Delay 2 change-over sets				Delay 1 change-over set
Operating method	Power-on delay					Shuttling(cycling) delay
Rated control supply voltage $U_s$ ,frequency	AC/DC24V~48V、AC/DC100V~240V、AC220V、AC380V,50Hz/60Hz					
Allowable fluctuation range of rated control power supply voltage	85% $U_s$ ~110% $U_s$					
Contact capacity	$U_e/I_e$ :AC-15240V/0.75A,415V/0.47A;DC-13 220V/0.27, $I_{th}$ :5A					
Electrical life/mechanical life(10,000 times)	10/100					
Setting error	When delay setting value is between 0.01s~5s, setting absolute error $\leq 0.05s$ ; when delay setting value is bigger than 5s, setting absolute error $\leq 1\%$					
Reset time	$\leq 1s$					
Mounting method	Panel type					

### 4. Wiring diagram

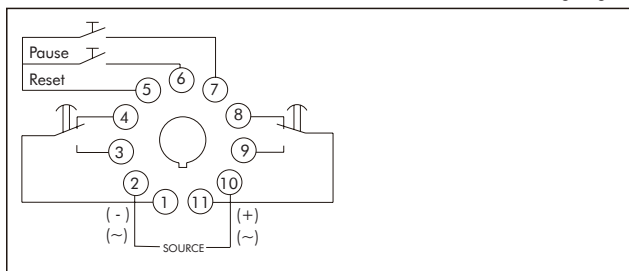
JSS48A Wiring diagram



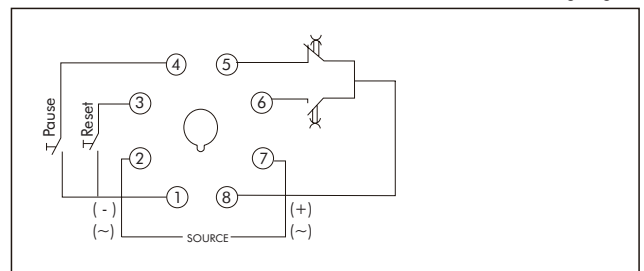
JSS48A-2Z, JSS48A-G, JSS48A-P Wiring diagram



JSS48A Wiring diagram



JSS48A Wiring diagram



5. Overall and mounting dimensions (mm)

