



JSS48A Series Time Delay Relays

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.

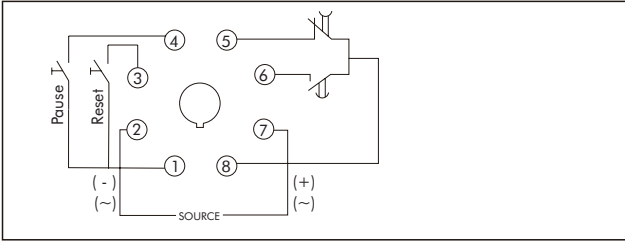
2. Technical data

2.1 Main specifications please refer to the table

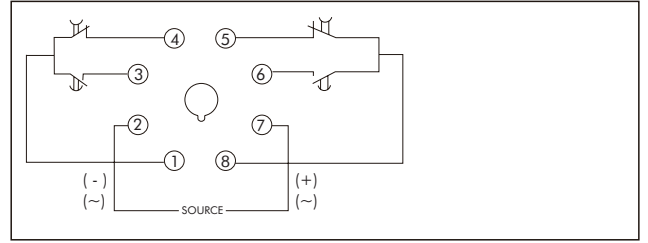
Model	JSS48A	JSS48A-ZZ	JSS48A-11	JSS48A-G	JSS48A-P	JSS48A-S
Preset digits	4					T1: 2 T2: 2
Delay range	0.01s~99.99s, 1s~99min99s, 1min~99h99min 3 time ranges are available, and the time unit is configurable			0.01s~99.99s, 0.1s~999.9s, 1s~9999s, 0.1min~999.9min, 1min~9999min, 0.1h~999.9h, 10s~99990s, 1h~9999h, 1s~99min99s, 1min~99h99min 10 time ranges are available, and the time unit is configurable		1s~99s, 1min~99min, 1h~99h, 3 time ranges are available, and the time unit is configurable
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
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	$\leq 1s$					
Installation method	Panel type, DIN-Rail type, equipment type. For the DIN-Rail type and equipment type, an extra base CZS08C or CZF11A-E is needed					

3. Wiring diagram

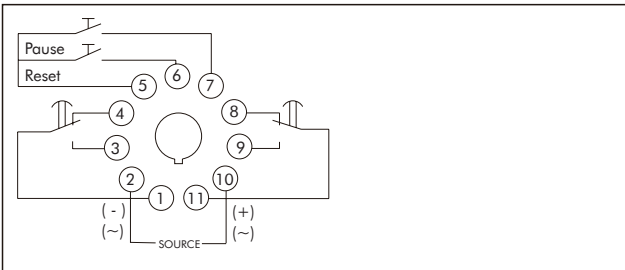
JSS48A Wiring diagram



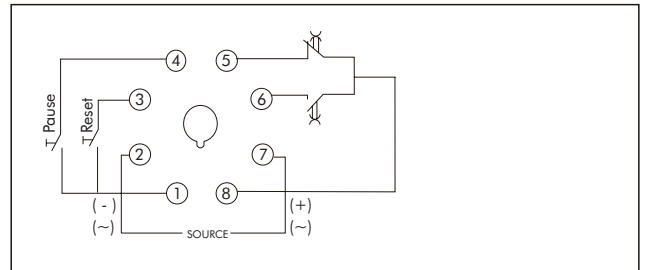
JSS48A-2Z, JSS48A-G, JSS48A-P Wiring diagram



JSS48A-11 Wiring diagram

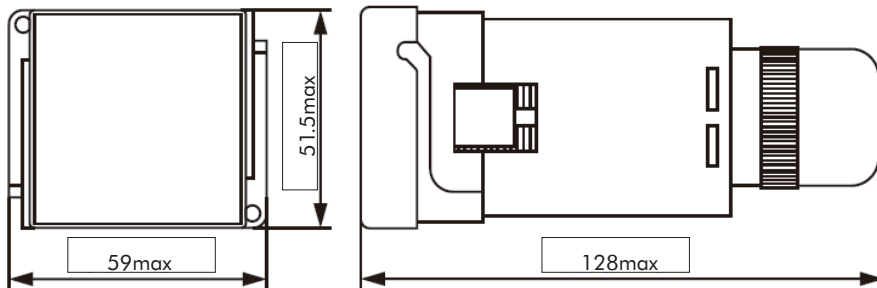


JSS48A-S Wiring diagram

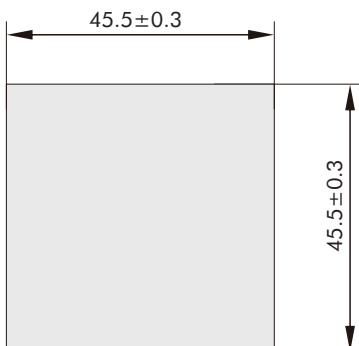


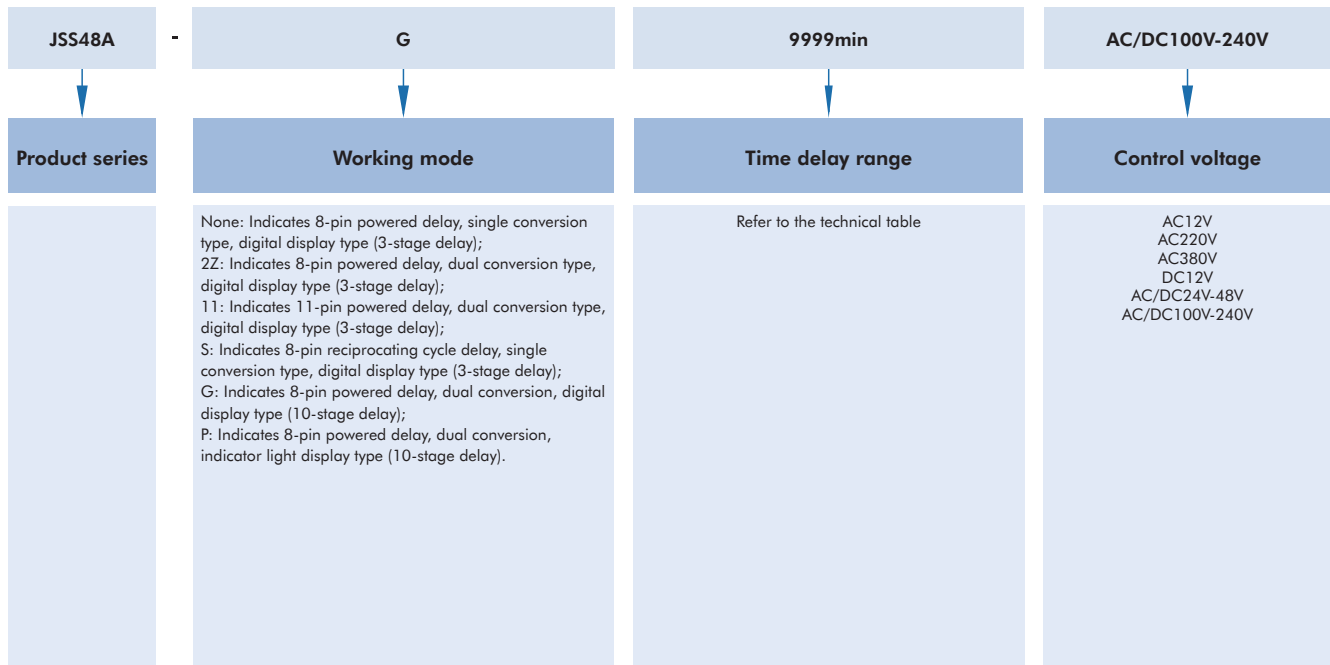
4. Overall and mounting dimensions (mm)

overall and mounting dimension



Opening size





Control voltage	Contact ability	Contact group	Description	Code
AC380V	240V/0.75A, lth:5A	1Z	JSS48A AC380V	300083
AC380V	240V/0.75A, lth:5A	1Z	JSS48A AC/DC100V-240V	300084
AC380V	240V/0.75A, lth:5A	1Z	JSS48A AC/DC24V-48V	300085
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-2Z DC12V	300134
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-2Z AC380V	300086
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-2Z AC/DC100V-240V	300087
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-2Z AC/DC24V-48V	300088
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-11 AC12V	300135
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-11 DC12V	300136
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-11 AC380V	300071
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-11 AC/DC24V-48V	300123
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-11 AC/DC100V-240V	300082
AC380V	240V/0.75A, lth:5A	1Z	JSS48A-S AC380V	300021
AC380V	240V/0.75A, lth:5A	1Z	JSS48A-S AC380V	300089
AC220V	240V/0.75A, lth:5A	1Z	JSS48A-S AC220V	300090
AC380V	240V/0.75A, lth:5A	1Z	JSS48A-S AC/DC24V-48V	300124
AC/DC100V-240V	240V/0.75A, lth:5A	1Z	JSS48A-S AC/DC100V-240V	300091
AC220V	240V/0.75A, lth:5A	2Z	JSS48A-G AC220V	300096
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-G AC380V	300097
AC/DC24V~48V	240V/0.75A, lth:5A	2Z	JSS48A-G AC/DC24V~48V	300080
AC/DC100V~240V	240V/0.75A, lth:5A	2Z	JSS48A-G AC/DC100V~240V	300081
AC220V	240V/0.75A, lth:5A	2Z	JSS48A-P AC220V	300112
AC/DC24V~48V	240V/0.75A, lth:5A	2Z	JSS48A-P AC/DC24V~48V	300107
AC/DC100V~240V	240V/0.75A, lth:5A	2Z	JSS48A-P AC/DC100V~240V	300108
AC380V	240V/0.75A, lth:5A	2Z	JSS48A-P AC380V	300109