



## NJS1 Time Delay Relay

### 1. General

NJS1 Series Time-Delay Relay is applicable for controlling circuit @ A.C. 50Hz/60Hz, up to 380V rated voltage or up to D.C.240V rated voltage as delay element to make or break circuit according to preset time.

### 2. Type designation

N JS1- □ / □

Rated control supply voltage

Feature code:

No mark: Conversion of delay group I with external reset and pause functions

2Z: Conversion of delay group II

11: Conversion of delay group II with external reset and pause functions

K: Conversion of delay group I, and instantaneous group I

S: Conversion of delay group I, cyclical delay

Design sequence No.

Time delay relay

Company code

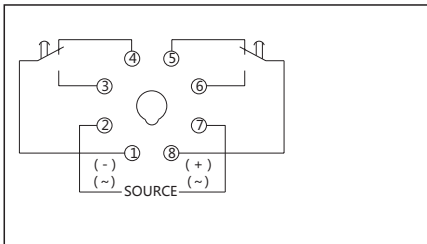
Note: This product is applicable for wide range operating voltage, for instance, operating voltage within AC/DC24V ~ 48V means it can operate normally within the voltage range of AC/DC 24V to 48V.

### 3. Technical data

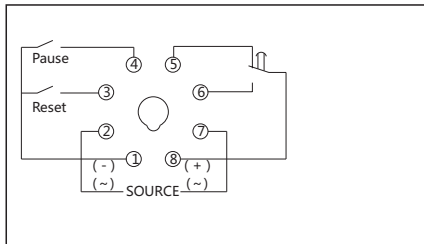
Type	NJS1	NJS1-2Z	NJS1-11	NJS1-K	NJS1-S						
Operating mode	power on delay	power on delay	power on delay	power on delay	Circulation-delay						
Contact number	Delay 1 changeover	Delay 2 changeover	Delay 2 changeover	Delay 1 changeover Instantaneous 1 changeover	Delay 1 changeover						
Contact capacity	Ue/Ie:AC-15 220V/0.75A,380V/0.47A; DC-13 220V/0.27A; Ith:5A										
Turn-on (Power) on delay type Delay range	Time-base code	0.01s	0.1s	s	10s	$\frac{m}{s}$	0.1m	m	$\frac{h}{m}$	0.1h	h
	Setting range	0.01s~99.99s	0.1s~99.99s	1s~9999s	10s~99990s	1s~99min99s	0.1min~999.9min	1min~9999min	1min~99h99min	0.1h~999.9h	1h~9999h
Circulation-delay type Delay range	Time-base code	0.1s	1s	0.1min	1min	0.1h	1h	10s			
	Setting range	0.1s~9.9s	1s~99s	0.1min~9.9min	1min~99min	0.1h~9.9h	1h~99h	10s~990s			
Operating voltage	AC/DC: 24V~48V,100V~240V, AC220V, AC380V										
Repeat pause function	Have	N/A	Have	N/A	Have						
Electrical life	$1 \times 10^5$										
Mechanical life	$1 \times 10^6$										
Delay precision	$\leq 0.5\% \pm 50ms$										
Ambient temperature	$-5^{\circ}C \sim +40^{\circ}C$										
Power consumption	$\leq 3VA$										
Installation mode	Panel type, Device type										
Matched pedestal	Panel type CZS08S, CZS11S, CZS08G, CZS11G, Device type CZS08C, CZS11C										

### 4. Wiring diagram

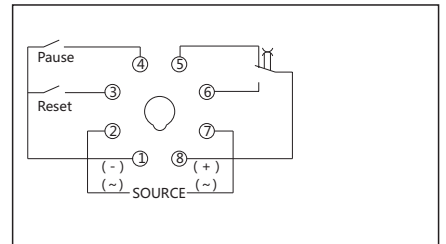
NJS1-2Z Wiring diagram



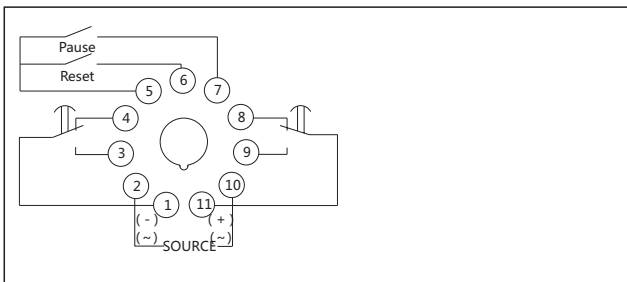
NJS1 Wiring diagram



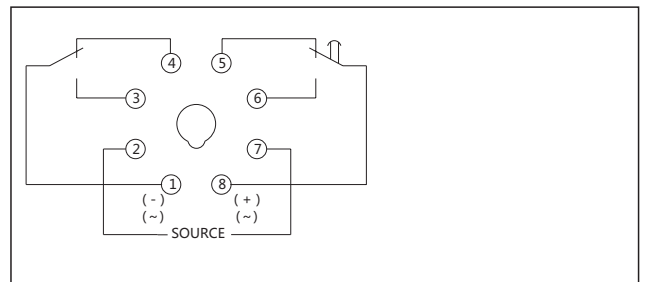
NJS1-S Wiring diagram



NJS1-11 Wiring diagram



NJS1-K Wiring diagram



### 5. Overall and mounting dimensions (mm)

Profile and installation dimension

Opening size

