



## NJS2 Time Delay Relay

### 1. Application scope

NJS2 Series Time Relay is applicable for controlling circuit @ A.C. 50Hz/60Hz, up to 240V rated supply voltage and up to D.C. 240V rated supply voltage as delay element to make or break circuit according to preset time.

### 2. Model and meaning



Note: this product is applicable for wide range operating voltage, for instance, operating voltage within AC/DC100V~240V means it can operate normally within the voltage range of AC/DC 100V to 240V.

### 3. Technical data

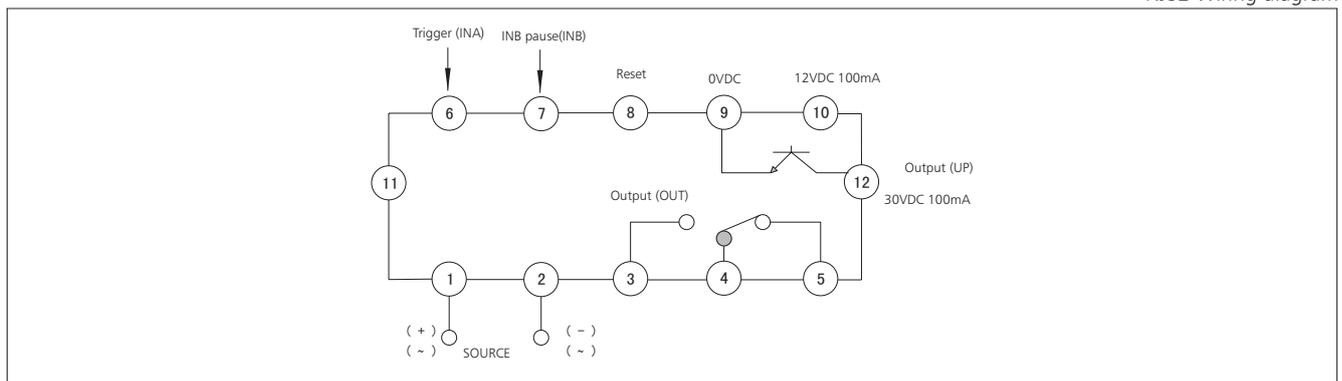
<b>Operating mode</b>	<b>(power) on delay (OND, OND1), trigger-delay (OND2), reciprocate-delay (FLY), interval-delay (INT, INT1) are available for option</b>
Contact number	Delay 1 changeover
Contact capacity	U <sub>e</sub> /I <sub>e</sub> :AC-15 220V/0.75A; DC-13 220V/0.27A; I <sub>th</sub> :5A
Solid-state output	NPN solid-state delay 1 output
Solid-state output capacity	Max 30VDC max 100mA
Operating voltage	AC36V, AC/DC100V~240V 50Hz/60Hz
Electrical life	1×10 <sup>5</sup>
Mechanical life	1×10 <sup>6</sup>
Delay precision	Power supply ON start timing: ≤±0.01%±50ms Signal ON start timing: ≤±0.01%±30ms
Timing mode	Plus & minus timing mode are available for option
Contact output time	Contact output is equipped with function of automatic reset, contact output time 10, 50, 100, 200, 500, 1000, 2000, 5000, and Hlod are available for option (unit: ms)
Ambient temperature	-5℃~+40℃
Installation mode	Panel type

### Delay range

<b>Type</b>	<b>99.99s, 999.9s, 9999s, 99min59s, 999.9min, 9999min, 99h59min, 9999h are optional for each product</b>
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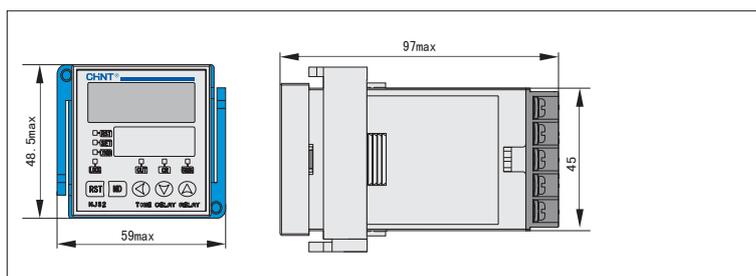
### 4. Wiring diagram

NJS2 Wiring diagram

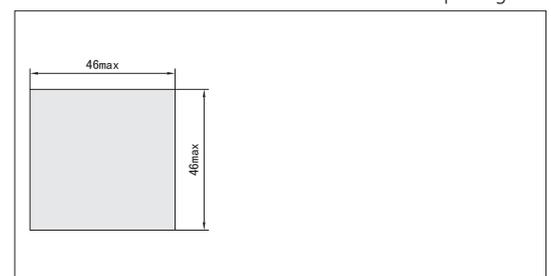


### 5. Overall and mounting dimensions (mm)

Profile and installation dimension



Opening size



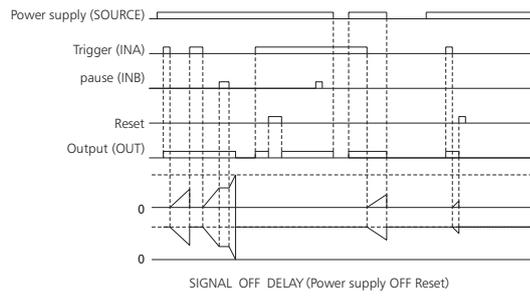
6. Profile and installation dimension

Output mode	Timing-sequence diagram
(power) on delay $ON\ D$	<p>POWER ON DELAY (Power supply OFF T1 Reset)</p>
(power) on delay $ON\ D\ I$	<p>POWER ON DELAY (Power supply OFF T1 Reset)</p>
Trigger-delay $ON\ D\ I^2$	<p>SIGNAL ON DELAY1 (Power supply OFF Reset)</p>
Circulation-delay $FL\ I$	<p>FLICKER (Power supply OFF Reset)</p>

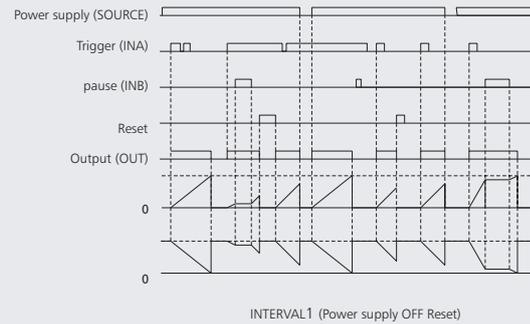
Output mode

Timing-sequence diagram

Interval-delay |  $nT$  |



Interval-delay |  $nT$  |



Note

