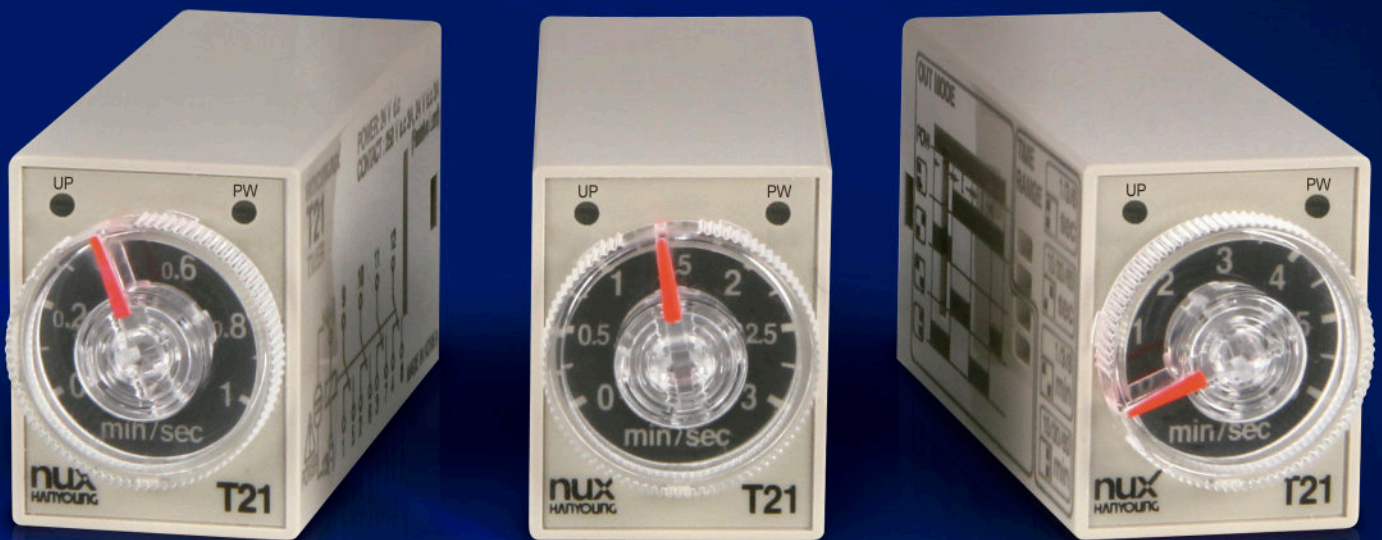
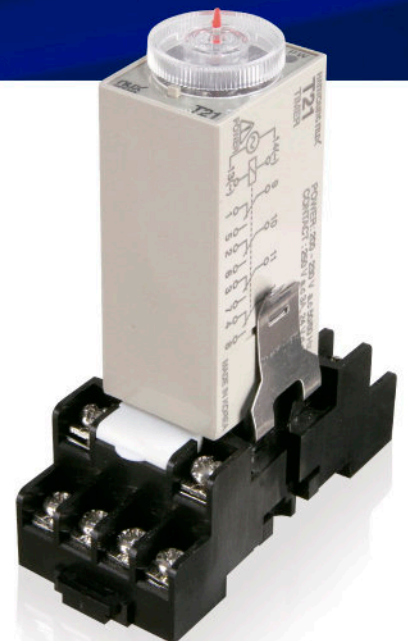


Miniature Multi Timing Relay



Timing Relay T21 series

- Timing Relay (4a4b)
- Appearance 21.4 (W) X 28 (H) mm Timing relay
- Plug in type (14 pins)
- Customer sets time range and operation mode
- Various time range
- Multi operation mode



Timing Relay T21 series



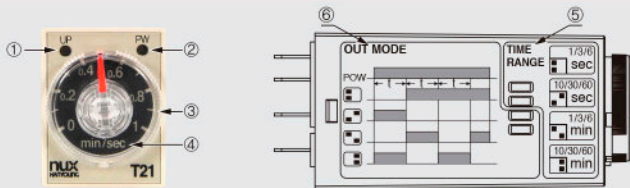
Features

- Timing Relay (4a4b)
- Appearance 21.4 (W) X 28 (H) mm Timing relay
- Plug in type (14 pins)
- Customer sets time range and operation mode.
- Various time range
(min / sec : 0.1 sec ~ 60 min, hrs : 0.3 hrs ~ 24 hrs)
- Multi operation mode
(Power ON delay, Interval, Flicker OFF start, Flicker ON start)

Suffix code

Model	Code	Description
T21-	<input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/>	Timing relay
Time range	1	Select by DIP switch
	3	
	6	
	3H	
Contact	4	4a4b
Power supply voltage	A20	200 - 230 V a.c
	D24	24 V d.c

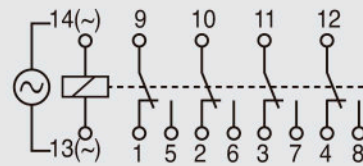
Part name and function



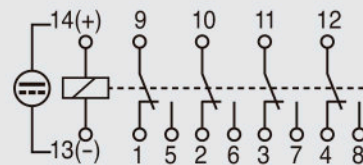
Name	Function
① Output ON indicator lamp (JP)	After setting time, light ON (Red) at the same time with output operation
② Power indicator lamp (PW)	Light ON after power ON (Green)
③ Time setting knob	Set timer operation time, Setting time can be changed during operation of timer
④ Time unit	Time unit of setting time (min/sec, hrs)
⑤ Time range setting (TIME RANGE)	Depend on suffix code, Select time range by DIP switches on the side
⑥ Operating mode setting (OUT MODE)	Select output mode by DIP switches on the side

Connection diagram

■ T21 - 1 / 3 / 6 / 3H - 4A20



■ T21 - 1 / 3 / 6 / 3H - 4D24



Operation

Output Mode	Operation Description	Timing Chart	Setting																																			
ON-Delay t : Set time	When the power is ON, the output will be ON after setting time.	<table border="1"> <tr><td>Power</td><td>③-④</td><td>Set time</td><td>Reset time</td><td>Set time</td></tr> <tr><td>Time-limit NC</td><td>①-⑨, ②-⑩, ③-⑪, ④-⑫</td><td></td><td></td><td></td></tr> <tr><td>Time-limit NO</td><td>⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫</td><td></td><td></td><td></td></tr> <tr><td>Output indicator</td><td>UP LED</td><td></td><td></td><td></td></tr> <tr><td>Power on indicator</td><td>PW LED</td><td></td><td></td><td></td></tr> </table>	Power	③-④	Set time	Reset time	Set time	Time-limit NC	①-⑨, ②-⑩, ③-⑪, ④-⑫				Time-limit NO	⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫				Output indicator	UP LED				Power on indicator	PW LED				 Factory set										
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Power on indicator	PW LED																																					
Interval t : Set time	When the power is ON, the output is ON and it will be OFF after setting time.	<table border="1"> <tr><td>Power</td><td>③-④</td><td>Set time</td><td>Reset time</td><td>Set time</td></tr> <tr><td>Time-limit NC</td><td>①-⑨, ②-⑩, ③-⑪, ④-⑫</td><td></td><td></td><td></td></tr> <tr><td>Time-limit NO</td><td>⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫</td><td></td><td></td><td></td></tr> <tr><td>Output indicator</td><td>UP LED</td><td></td><td></td><td></td></tr> <tr><td>Power on indicator</td><td>PW LED</td><td></td><td></td><td></td></tr> </table>	Power	③-④	Set time	Reset time	Set time	Time-limit NC	①-⑨, ②-⑩, ③-⑪, ④-⑫				Time-limit NO	⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫				Output indicator	UP LED				Power on indicator	PW LED														
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Flicker OFF-start t : Set time	When the power is ON, the output is OFF and it repeatedly outputs OFF and ON with the setting time interval.	<table border="1"> <tr><td>Power</td><td>③-④</td><td>Set time</td><td>Set time</td><td>Set time</td><td>Set time</td><td>Set time</td></tr> <tr><td>Time-limit NC</td><td>①-⑨, ②-⑩, ③-⑪, ④-⑫</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Time-limit NO</td><td>⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Output indicator</td><td>UP LED</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Power on indicator</td><td>PW LED</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Power	③-④	Set time	Set time	Set time	Set time	Set time	Time-limit NC	①-⑨, ②-⑩, ③-⑪, ④-⑫						Time-limit NO	⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫						Output indicator	UP LED						Power on indicator	PW LED						
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Flicker ON-start t : Set time	When the power is ON, the output is ON and it repeatedly outputs ON and OFF with the setting time interval.	<table border="1"> <tr><td>Power</td><td>③-④</td><td>Set time</td><td>Set time</td><td>Set time</td><td>Set time</td><td>Set time</td></tr> <tr><td>Time-limit NC</td><td>①-⑨, ②-⑩, ③-⑪, ④-⑫</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Time-limit NO</td><td>⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Output indicator</td><td>UP LED</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Power on indicator</td><td>PW LED</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Power	③-④	Set time	Set time	Set time	Set time	Set time	Time-limit NC	①-⑨, ②-⑩, ③-⑪, ④-⑫						Time-limit NO	⑤-⑨, ⑥-⑩, ⑦-⑪, ⑧-⑫						Output indicator	UP LED						Power on indicator	PW LED						
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※ Select output mode by 2 switches at the bottom of the four switches.