



## TF62N, TF62D Twin / Dual Timers

### Specifications

Model	Exposed type	TF62NE	TF62DE
	Panel type	TF62NP	TF62DP
Appearance			
W×H×D (mm)	<ul style="list-style-type: none"> <li>Exposed type: 50.0×62.0×91.2</li> <li>Panel type: 57.5×84.5×83.7</li> </ul>		<ul style="list-style-type: none"> <li>Exposed type: 50.0×77.0×91.2</li> <li>Panel type: 57.5×84.4×83.7</li> </ul>
Functions	Twin timer		Dual timer
Power voltage	24 - 240 V a.c. 50/60 Hz, 24 - 240 V d.c.		
Voltage fluctuation rate	±10 % of power voltage		
Power consumption	<ul style="list-style-type: none"> <li>Max. approx. 4.5 VA (240 V a.c. 60 Hz)</li> <li>Max. approx. 1.5 W (24 V d.c.)</li> </ul>		
Return time	Max. 100 ms		
Time range	01	0.01 ~ 1 s / 0.01 ~ 1 m / 0.01 ~ 1 h	
	03	0.01 ~ 3 s / 0.01 ~ 3 m / 0.01 ~ 3 h	
	06	0.01 ~ 6 s / 0.01 ~ 6 m / 0.01 ~ 6 h	
	10	0.01 ~ 10 s / 0.01 ~ 10 m / 0.01 ~ 10 h	
	30	0.01 ~ 30 s / 0.01 ~ 30 m / 0.01 ~ 30 h	
	60	0.01 ~ 60 s / 0.01 ~ 60 m / 0.01 ~ 60 h	
Time error	Repeating error	Max. ±0.3 % (ratio of maximum scale)	
	Setting error	Max. ±5 % (ratio of maximum scale)	
Control output	Output mode	FLICKER (ON Start)	FLICKER (ON-A Start)
	Contact configuration	D type (time limit 1c)	F type (time limit 2c)
	Contact capacity	250 V a.c. 3 A (resistive load)	
Relay life	Mechanical life: min. 10 million times, electrical life: min. 100,000 times		
Dielectric strength	2000 V a.c. 60 Hz for 1 min		
Noise immunity	±2 kV (among operation power terminals), square wave noise by noise simulator (pulse width:1 μs)		
Insulation resistance	Min. 100 MΩ (500 V d.c. Mega standard)		
Vibration resistance	10 - 55 Hz (for 1 min) single amplitude 0.5 mm X·Y·Z each direction 2 hours		
Shock resistance	300 m/s <sup>2</sup> (30 G) X·Y·Z each direction 3 times		
Storage temperature	-25 ~ 65 °C		
Ambient temperature & humidity	-10 ~ 55 °C, 30 ~ 85 % RH (without condensation)		

### Suffix code

Model	Code	Content
Appearance	<input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Analog Timer
	TF62N	Twin timer 58(W) X 84(H) mm
	TF62D	Dual timer 58(W) X 84(H) mm
Installation structure	P	Panel type
	E	Exposed type
Range (dip switch selection)	01	1 sec, 1 min, 1 hour
	03	3 sec, 3 min, 3 hour
	06	6 sec, 6 min, 6 hour
	10	10 sec, 10 min, 10 hour
	30	30 sec, 30 min, 30 hour
	60	60 sec, 60 min, 60 hour
Control output	D	TF62N Twin timer fixed code
	F	TF62D Dual timer fixed code
Power voltage		24 - 240 V a.c./d.c. (common) 50/60 Hz
	12	12 V d.c. (only for T48N, order-made)

※ Installation type selection is only applied to the model T57N, TF62N and TF62D (Model T38N requires separate purchase of panel adapter)