

(unit: mm)	Specifications		
	Model AT8N-		
	Function		Multi Function Timer
	Control time setting range*1		0.05 sec to 100 hour
	Power supply		•100-240VAC~ 50/60Hz, 24-240VDC universal •24VAC~ 50/60Hz, 24VDC universal • 12VDC
	Allowable voltage range		90 to 110% of the rated voltage
			•Max. 4.3VA (100-240VAC~), Max. 2W (24-240VDC==)
	Power co	onsumption	•Max. 4.5VA (24VAC~), Max. 2W (24VDC=) •Max. 1.5W (12VDC=)
	Return time		Max. 100ms
	Time ope	ration	Power ON Start
1	Control	Contact type	Time limit DPDT (2c) or Instantaneous SPDT (1c)+Time limit SPDT (1c) selectable by output operation mode
45 ₀	output	Contact capacity	250VAC \sim 5A resistive load
<u> </u>	Relay	Mechanical	Min. 10,000,000 operations
		Electrical	Min. 100,000 operations (250VAC 5A resistive load)
	Repeat error		Max. ±0.2% ±10ms Max. ±5% ±50ms
	Setting error Voltage error		Max. ±0.5%
	Temperature error		Max. ±2%
	Insulation resistance		100MΩ (at 500VDC megger)
	Dielectric strength		2,000VAC 50/60Hz for 1 minute
		Ambient temp.	-10 to 55°C, Storage: -25 to 65°C
ime, Rt1>Rt]	ment	1	35 to 85%RH, Storage: 35 to 85%RH
	Approval		
t-a ★	Accessor Weight ^{**2}		Bracket Approx. 134.12g (approx. 86.71g)
			Approx. 134.12g (approx. 86.71g) ons for control time setting range by model.
	X2: The weight includes packaging. The weight in parenthesis is for unit only.		
	*Environment resistance is rated at no freezing or condensation.		
	Connections		
	When selecting [A], [F] When selecting [A1], [B], [F1], [I]		
t-a	output	t operation mo	de output operation mode
	Г		
		-3	
	0		250VAC 5A
	L L T		
	(Time limit		(Time limit 1c) (Instantaneous (1) (8) (Time limit 1c)
▝▝▋▋└─────────────────────			
t-a			
→	※1: AC/E		0VAC 50/60Hz, 24-240VDC 50/60Hz, 24VDC
	DC v	voltage: 12VDC	30/00/12, 24/030
	Cautions during Lleo		
	Cautions during Use 1. Follow instructions in 'Cautions during Use'. Otherwise, It may cause unexpected accidents.		
	 12 12VDC, 24VDC, 24VAC power supply should be insulated and limited voltage/current or Class 2, SELV power supply device. When supplying or turning off the power, use a switch or etc. to avoid chattering. Install a power switch or circuit breaker in the easily accessible place for supplying or disconnecting the power. 		
	In order to avoid leakage current flowing, connect resistance and condenser as (Figure 2). If connect as (Figure 1), it may cause malfunction due to leakage current.		
<u> </u>		r to avoid leakage o	
		to avoid leakage o ect as (Figure 1), it e 1)	
	If conne	to avoid leakage o ect as (Figure 1), it e 1)	may cause malfunction due to leakage current.
	If conne	to avoid leakage of ect as (Figure 1), it e 1) Leakage	Timer Power R T
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	If conne (Figure Power 6. Keep av	r to avoid leakage of cct as (Figure 1), it e 1) Leakage , + R C way from high volta	rimer Power C T Timer ge lines or power lines to prevent inductive noise.
	6. Keep av in case i wire at in	to avoid leakage c exct as (Figure 1), it e 1) Leakage current R C way from high voltat installing power lin nput signal line.	Timer Power R TTmer ge lines or power lines to prevent inductive noise. e and input signal line closely, use line filter or varistor at power line and shielded
	6. Keep av In case	to avoid leakage c exct as (Figure 1), it e 1) Leakage R C way from high volta installing power lin nput signal line. use near the equip	may cause malfunction due to leakage current. (Figure 2) Power C T Tmer ge lines or power lines to prevent inductive noise. e and input signal line closely, use line filter or varistor at power line and shielded ment which generates strong magnetic force or high frequency noise.
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Min. 65

Rt1 t-a

t-a Rt1

Rt1

45 +0.6

Rt1 t-a

0.5sec