

# W 38 × H 42 mm Power OFF Delay Analog Timers



## ATS8P Series CATALOG

For your safety, read and follow the considerations written in the instruction manual, other manuals and Autonics website.

The specifications, dimensions, etc. are subject to change without notice for product improvement. Some models may be discontinued without notice.

### Features

- Control time range (ATS8P-□S: 0.1 to 10 sec, ATS8P-□M: 0.1 to 10 min)
- Direct reading for time setting and time range with easy adjustment
- Power supply  
: 100-120 VAC ~ 50/60 Hz, 200-240 VAC ~ 50/60 Hz,  
24 VAC ~ 50/60 Hz, 24 VDC ≒ universal
- Close and DIN rail mounting with the dedicated socket (PS-M8) width 41 mm
- Easy mounting and installation / maintenance with the dedicated bracket for DIN 48 × 48 mm
- Application: Protection circuit when momentary power failure and start it again

### Ordering Information

This is only for reference, the actual product does not support all combinations. For selecting the specified model, follow the Autonics website.

ATS8P - ① ②

#### ① Power supply

2: 24 VAC ~ 50 / 60 Hz, 24 VDC ≒  
5: 200 - 240 VAC ~ 50 / 60 Hz  
6: 100 - 120 VAC ~ 50 / 60 Hz

#### ② Time unit

S: SEC  
M: MIN

### Product Components

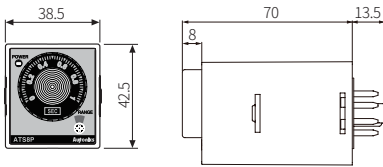
- Product (+ bracket)
- Instruction manual

### Specifications

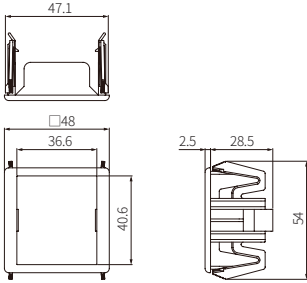
Model	ATS8P-2□	ATS8P-5□	ATS8P-6□
Function	Power OFF Delay		
Return time	≤ 100 ms		
Control output	Relay		
Contact type	Time limit DPDT (2c)		
Contact capacity	250 VAC ~ 3 A, 30 VDC ≒ 3 A resistive load		
Error	Repeat: ≤ ± 0.2% ± 10 ms SET: ≤ ± 5% ± 50 ms Voltage: ≤ ± 0.5% Temp.: ≤ ± 2%		
Time operation	Power OFF Start		
Approval	CE, RoHS, ENEC		
Unit weight	SEC unit model: ≈ 80 g, MIN unit model: ≈ 85 g		
Power supply	24 VAC ~ ± 10% 50 / 60 Hz, 24 VDC ≒ ± 10%	200-240 VAC ~ ± 10%, 50 / 60 Hz	100-120 VAC ~ ± 10%, 50 / 60 Hz
Power consumption	AC: ≤ 0.2 VA DC: ≤ 0.2 W	AC: ≤ 1.5 VA	AC: ≤ 1.5 VA
Insulation resistive	100 MΩ (500 VDC ≒ megger)		
Dielectric strength	2,000 VAC ~ at 50/60 Hz for 1 min		
Noise immunity	± 2 kV square-wave noise by noise simulator (pulse width 1 μs)		
Vibration	0.75 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 1 hour		
Vibration (malfunction)	0.5 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 10 min		
Shock	300 m/s <sup>2</sup> (≈ 30 G) in each X, Y, Z direction for 3 times		
Shock (malfunction)	100 m/s <sup>2</sup> (≈ 10 G) in each X, Y, Z direction for 3 times		
Relay life cycle	Mechanical: ≥ 10,000,000 operations Electrical: ≥ 100,000 operations (250 VAC ~ 3 A resistive load)		
Ambient temperature	-10 to 55 °C, storage: -25 to 65 °C (no freezing or condensation)		
Ambient humidity	35 to 85%RH, storage: 35 to 85%RH (no freezing or condensation)		

## Dimensions

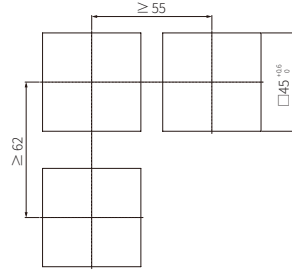
- Unit: mm, For the detailed drawings, follow the Autonics website.



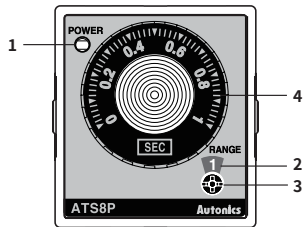
### Bracket



### Panel cut-out



## Unit Descriptions



No.	Name
1	Power indicator
2	Time range display part
3	Time range setting switch
4	Dial for the time setting

## Sold Separately

- 8-pin socket: PG-08, PS-08(N), PS-M8