

W 48 × H 48 mm Power ON Delay Analog Timers



ATE8 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

- DIN W 48 × H 48 mm
- Easy and simple time setting
- Cost-effective
- Easy time setting
- Wide range of time
- Power supply: 100 - 240 VAC ~ 50 / 60 Hz, 24 - 240 VDC ≐

Ordering Information

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

ATE8 - 4 ① ②

① Max. time range

- 1: 1 sec / 10 sec / 1 min / 10 min / 1 hour
- 3: 3 sec / 30 sec / 3 min / 30 min / 3 hour
- 6: 6 sec / 60 sec / 6 min / 60 min / 6 hour
- C: 12 sec / 12 min / 24 min / 12 hour / 24 hour


② Output

- No mark: Time limit 1c + Instantaneous 1a
- D: Time limit 2c
- E: Time limit 1c + Instantaneous 1c

Product Components

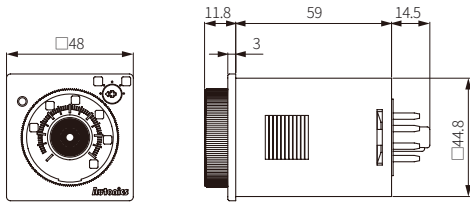
- Product
- Instruction manual

Specifications

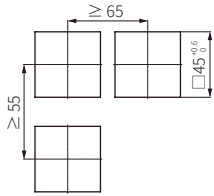
Model	ATE8-4□	ATE8-4□D	ATE8-4□E
Function	Power ON Delay		
Return time	≤ 200 ms		
Time operation	Power ON Start		
Control output	Relay		
Contact type	Time limit SPDT (1c) + Instantaneous SPST (1a)	Time limit DPDT (2c)	Time limit SPDT (1c) + Instantaneous SPDT (1c)
Contact capacity	250 VAC ~ 3A, 30 VDC ≐ 3 A resistive load		
Error	Repeat: ≤ ± 0.3% ± 10 ms SET: ≤ ± 10% ± 50 ms Voltage: ≤ ± 0.5% ± 10 ms Temp.: ≤ ± 2% ± 10 ms		
Approval	CE  ENEC		
Unit weight (packaged)	≈ 75 g (≈ 122.2 g)		
Power supply	100 - 240 VAC ~ ±10% 50 / 60 Hz, 24 - 240 VDC ≐ ±10%		
Power consumption	AC: ≤ 3.5 VA, DC: ≤ 2 W		
Insulation resistive	≥ 100 M.Ω (500 VDC ≐ megger)		
Dielectric strength	2,000 VAC ~ at 50 / 60 Hz for 1 min		
Noise immunity	± 2kV 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 ² (≈ 30 G) in each X, Y, Z direction for 3 times		
Shock (malfunction)	100 m/s ² (≈ 10 G) in each X, Y, Z direction for 3 times		
Relay life cycle	Mechanical: ≥ 5,000,000 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)		
Protection rating	IP40 (front part, IEC standard)		

Dimensions

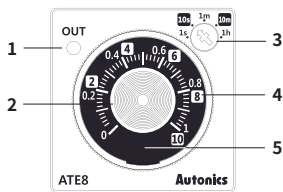
- Unit: mm, For the detailed drawings, follow the Autonics website.



Panel cut-out



Unit Descriptions



No.	Name
1	Output indicator (red)
2	Power indicator (white) Flashing: time progressing
3	Time range setting switch • s : sec, m : min, h : hour
4	Time range display part
5	Dial for the time setting

Sold Separately

- Bracket: BK-S
- 8-pin socket: PG-08, PS-08(N)

Sold Separately: Bracket BK-S

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

