

W 38 × H 42 mm

Twin Analog Timers



ATS8W / ATS11W 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

- Wide power supply range
: 100 - 240 VAC ~ 50 / 60 Hz, 24 - 240 VDC = universal /
24 VAC ~ 50 / 60 Hz, 24 VDC = / 12 VDC =
- Various output operations (6 operation modes)
- Multi time range (12 types of time range)
- Twin timer to set ON/OFF time individually
- Close and DIN rail mounting with the dedicated socket (PS-M8) width 41 mm (ATS8W)
- Easy installation/maintenance with the dedicated bracket for DIN 48 × 48 mm

Ordering Information

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

ATS ① W - ② ③

① Plug type

- 8: 8-pin plug
- 11: 11-pin plug

② Power supply

- 1: 12 VDC =
- 2: 24 VAC ~ 50 / 60 Hz, 24 VDC =
- 4: 100 - 240 VAC ~ 50 / 60 Hz, 24 - 240 VDC =

③ Time range

- 1: 0.1 to 1
- 3: 0.3 to 3

Product Components

- Product (+ bracket)
- Instruction manual

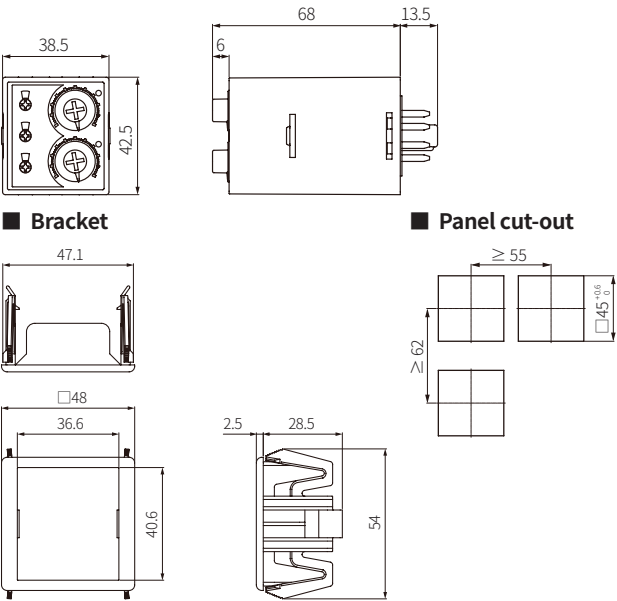
Specifications

| Model | ATS□W-1□ | ATS□W-2□ | ATS□W-4□ |
|------------------------|---|----------|----------|
| Function | ON / OFF Flicker operation | | |
| Return time | ≤ 100 ms | | |
| Time operation | Power ON Start | | |
| Control output | Relay | | |
| Contact type | Time limit DPDT (2c), Instantaneous SPDT (1c) + Time limit SPDT (1c) | | |
| 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% | | |
| Approval | CE, RoHS, ENEC | | |
| Unit weight (packaged) | ≈ 75 g (≈ 100 g) | | |

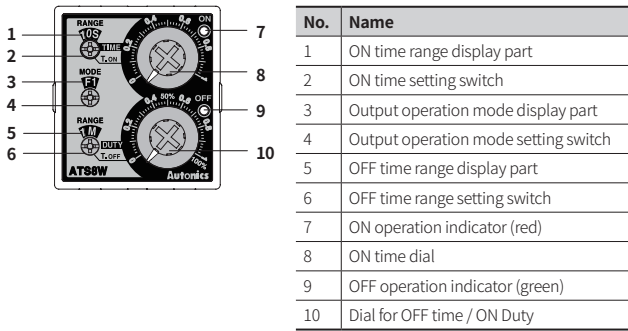
| | | | |
|-------------------------|--|---|--|
| Power supply | 12 VDC = | 24 VAC ~ ± 10% 50 / 60 Hz, 24 VDC = ± 10% | 100 - 240 VAC ~ ± 10% 50 / 60 Hz, 24 - 240 VDC = ± 10% |
| Power consumption | DC: ≤ 1.5 W | AC: ≤ 4.5 VA DC: ≤ 2 W | AC: ≤ 4.2 VA DC: ≤ 2 W |
| Insulation resistive | ≥ 100 MΩ (500 VDC = megger) | | |
| Dielectric strength | 2,000 VAC ~ at 50/60 Hz for 1 min | | |
| Noise immunity | ± 500 V square-wave noise by noise simulator (pulse width 1 μs) | | ± 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: ≥ 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.



Unit Descriptions



Sold Separately

- 8-pin socket: PG-08, PS-08(N), PS-M8
- 11-pin socket: PG-11, PS-11(N)