

Connections

OATS8W

%1: When selecting [F2], [N2] output operation mode %2: When selecting [F1], [F3], [N1], [N3] output operation mode

×1 ×2 4 (5) 3 6 f Y Ν.Ο._φ N.O. С N.C. NCNC (2 6 8 T CONTACT: (Time limit 1c) 250VAC 3A RESISTIVE LOAD Δ SOURCE •100-240VAC 50/60Hz, 24-240VDC •24VAC 50/60Hz, 24VDC •12VDC

O ATS11W

%3: When selecting [F2], [N2] output operation mode %4: When selecting [F1], [F3], [N1], [N3] output operation mode



Dimensions



Parts description



*Turn the time range switching SW and output operation mode switching SW clockwise.

Time range

Time range		ATS8W-□1 ATS11W-□1	ATS8W-⊒3 ATS11W-⊒3
		Setting time range	Setting time range
1S	sec	0.1 to 1 sec	0.3 to 3 sec
10S		1 to 10 sec	3 to 30 sec
1M	min	0.1 to 1 min	0.3 to 3 min
10M		1 to 10 min	3 to 30 min
1H	hour	0.1 to 1 hour	0.3 to 3 hour
10H		1 to 10 hour	3 to 30 hour



Small Twin Timer



%F3, N3 mode operates fliker by setting cycle(TIME) and ON Duty(%). ON time range changes to cycle(TIME) range and OFF time range changes to ON Duty(%).

Autonics

Proper usage

○ Terminal connection

- Refer to the connection diagrams and wire it correctly.
- Power connection For power connection of ATS8W/ATS11W Series , when it is AC power, connect it to the designated power terminal regardless of polarity. When it is DC power, be sure that the polarity for connecting.

Power supply	8-pin type	11-pin type	
АС Туре	Terminal ② - ⑦	Terminal ② - ⑩	
		Terminal $@ \leftarrow \ominus$ Terminal $@ \leftarrow \oplus$	

- Turn OFF a power switch and be sure that not to supply induced voltage, residual voltage between timer power terminals. (When wiring power cable parallel with high voltage line, power line, induced voltage may occur between power terminals.)
- For DC power, ripple should be below 10% and power voltage should be within the allowable range.
- Use contact such as switch, relay, etc to supply power voltage at once. If supplying power slowly, its time may be up regardless of set value or power may be not reset.
- Load for control output should be below the rated load capacity.

Changing of set time, time range, operation mode

It may cause malfunction when changing set time, time range, or operation mode during timer operation. Turn OFF the power and change set time, time range, or operation mode.

\bigcirc Common

- Be sure that when using a timer at high temperature for a long time, it may cause deterioration for inner parts(electrolytic condenser, etc.).
- When supplying the power to timer, do not wire it as (Figure 1). This wiring causes timer malfunction due to path of peripheral leakage current from resistance and condenser.

Connect resistance and condenser as (Figure 2) to prevent from timer malfunction by peripheral leakage current .



- Do not use this unit at below places.
- Place where temperature or humidity is out of the rated specifications.
- Place where there is condensation by temperature changes.
- Place where flammable gas or corrosive gas.
- Place where there are dust, oil or severe vibration or impact.
- Place where strong alkalis or acids are used.
- Place where there are direct ray of the sun.
- Place where strong magnetic field or electric noise are generated.