

Autonics

ANALOG TIMER ATE/ATE1/ATE2

M A N U A L

Thank you very much for selecting Autonics products.
For your safety, please read the following before using.

Caution for your safety

*Please keep these instructions and review them before using this unit.

*Please observe the cautions that follow:

Warning Serious injury may result if instructions are not followed.

Caution Product may be damaged, or injury may result if instructions are not followed.

*The following is an explanation of the symbols used in the operation manual.

Caution: Injury or danger may occur under special conditions.

Warning

1. In case of using this unit with machineries(Nuclear power control, medical equipment, vehicle, train, airplane, combustion apparatus, entertainment or safety device etc), it requires installing fail-safe device, or contact us for information required.

It may result in serious damage, fire or human injury

2. The unit must be mounted on panel.

It may give an electric shock.

3. Do not connect terminals when it is power on.

It may give an electric shock.

4. Do not disassemble and modify this unit, when it requires. If needs, please contact us.

It may give an electric shock and cause a fire.

Caution

1. This unit shall not be used outdoors.

It might shorten the life cycle of the product or give an electric shock.

2. Please observe specification rating.

It might shorten the life cycle of the product and cause a fire.

3. Do not use the load beyond rated switching capacity of Relay contact.

It may cause insulation failure, contact melt, contact failure, relay broken, fire etc.

4. In cleaning the unit, do not use water or an organic solvents.

It might cause an electric shock or fire that will result in damage to the product.

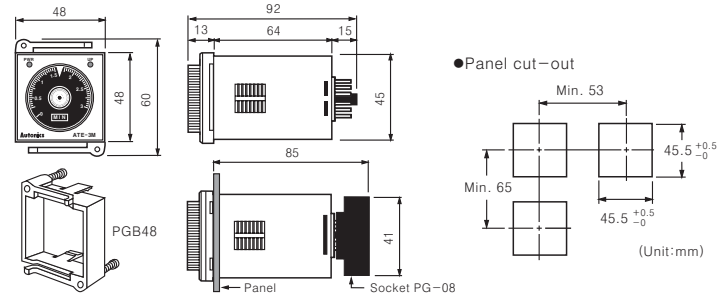
5. Do not use this unit at place where there are flammable or explosive gas, humidity, direct ray of the sun, radiant heat, vibration, impact etc.

It may cause a fire of mechanical trouble.

6. Do not inflow dust or wire dregs into inside of this unit.

It may cause a fire of mechanical trouble.

Dimensions

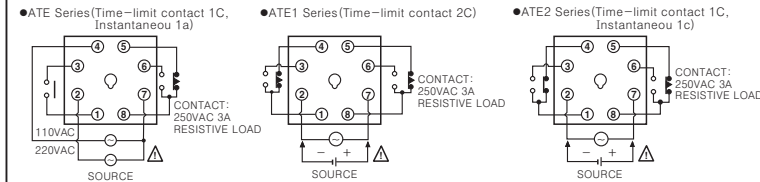


* The above specification are changeable without notice anytime.

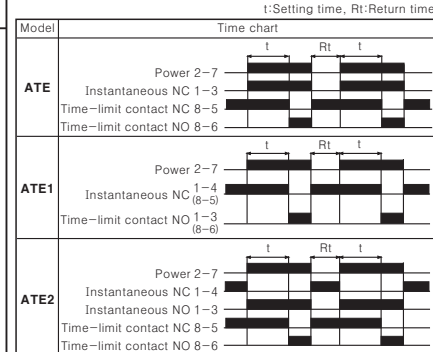
Specifications

Model	ATE - s m h	ATE1 - s m h	ATE2 - s m h
Function	POWER ON DELAY		
Control time setting range	sec.(1, 3, 6, 10, 30, 60), min.(3, 6, 10, 30, 60), hour(3, 6, 12, 24)		
Power supply	110/220VAC 50/60Hz	110/220VAC 50/60Hz, 12VDC, 24VDC(Option)	
Allowable voltage range	90 to 110% of rated voltage		
Power consumption	Min. 10VA(240VAC 60Hz), Min. 2W(DC option)		
Return time	Max. 200ms		
Control output	Contact	Type	Time-limit contact SPDT(1c) Instantaneous SPST(1a)
	Capacity	250VAC 3A resistive load	
Repeat error	Max. ±0.3%		
Setting error	Max. ±5% ±0.05sec.		
Voltage error	Max. ±0.5%		
Temperature error	Max. ±2%		
Ambient temperature	-10 to 55°C (at non-freezing status)		
Storage temperature	-25 to 65°C (at non-freezing status)		
Ambient humidity	35 to 85%RH		
Relay life cycle	Relay	Min. 10,000,000 times	
	Electrical	Min. 100,000 times(250VAC 3A resistive load)	
Weight	Approx. 100g		

Connections



Operation mode



Autonics Corporation
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