

CAUTION FOR USE

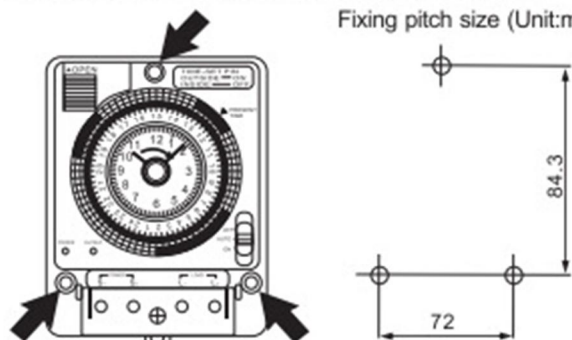
- Never fail to turn the Minute Dial in arrow direction when setting the time. If turned by force in the opposite direction, or turned directly the dial, it might be damaged.
- The built-in battery cell sometimes may be reduced in capacity due to the self-discharge when you purchase the present switch. If discharged completely, the clock will not work even when turned on the power supply. In such a case, take two to three minutes for charging and then set the current time.

INSTALLATION

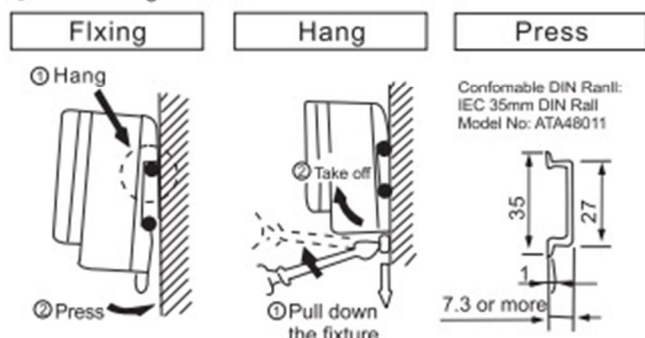
① When mounted (exposed) on a surface

Fix the switch at the three holes with screws or the like.

Fixing pitch size (Unit:mm)



② When using DIN Rail



Conformable DIN Rail:
IEC 35mm DIN Rail
Model No: ATA48011

TROUBLE SHOOTING

Symptom	Cause and Remedies
The load will not start at the preset time:	This time switch is divided into 24 hours. Don't you mis-set the time in the afternoon into the time in the morning? Make sure the present time of the time switch. This is a mechanical time switch and there might be an error in the range of ± 3 minutes.
The clock gets out of order:	If the power failure lasts more than the compensating time (100 hours), the clock stops to cause deviation in the present time. Set again the present time in such a case.
Clock stops/Power indication lamp flashes:	battery is at the end of its life span. The battery need to be replaced with a new one. Please ask the working store.

SPECIFICATION

Operation Power Voltage		100-240V AC	
Allowable Operating Voltage		85~264V AC	
Power Source Frequency		50Hz/60Hz common use	
Driving Method		Quarts Motor	
Power Failure Compensation		100 hours	
Time Precision		Within ± 15 seconds per month (at temperature 25℃)	
Program Cycle		24hours	
Consumption Power		110V AC 1W • 220V AC 2W	
OUTPUT	Circuit Quantity	1circuit	
	Circuit Configuration	Same Ctrcuit (voltage-applied contact ouput)	
	Contact Configuration	Single Pole.Single-through (—○—)	
	Manual ON/OFF	With ON/AUTO/OFF Switch	
	Contact Capacity	Resistance	15A
		Incandescent Lamp	10A
		Induction(cos ϕ =0.7)	12A
		Motor (cos ϕ =0.7)	110V AC 750W • 220V AC 1500W
Operation time setting	Method	Setting Tip all built-in	
	Minimum Unit	15minutes	
	Minimum Interval	15minutes	
	Number of operations	96as standard	
Working Ambient Temperatute		-10℃ ~+50℃	
Working Ambient Humidity		85% or less	
Mass		250g	

BATTERY FOR POWER FAILURE COMPENSATION

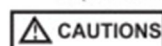
① Power Failure Compensating Time

This timeswitch is equipped with a built-in battery to work in service interruption.

- When turned on the time switch, the battery is to be charged automatically.
- The battery is charged fully to be able to compensate power failure for 100 hours when supplied power 3 days in succession.
- Frequent power failure and service interruption for a long time will shorten the life span of the storage battery. So please take care.

② Replacement

The life span of the battery is about 3 years. However, the hotter the service temperature, the shorter the life. Please replace with a new one either.



Never fail to turn off the Power when replacing the cell, You might be struck by electricity.

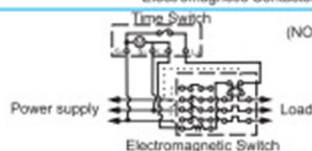
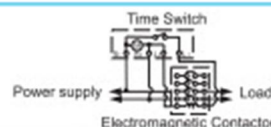
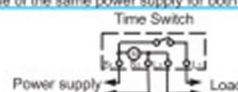
1. Take off the battery cover.
2. Take out the battery of the case to disconnect the connector.
3. Connect the connector of the renewed battery and put it in the case properly.
4. Never fail to place the cover for the battery when used.



CONNECTING EXAMPLES

- Before wiring, draw the connecting diagram of the whole system including the devices to be controlled by the time switch.

in case of the same power supply for both time switch and load	
In case the time switch is connected to the load.	Single phase
	Three phase
In case of load over the rated capacity or three-phase load connect	Single phase
	Three phase



(NOTE) Take off the jumper the shown with the dotted line. Connected to the electromagnetic switch. If connected so such, the switching components unit not function properly.