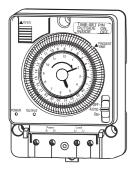
# **TB388** Time switch

# Instruction

- Read the instruction carfully before using it .to ensure correct construction.
- The workers must be have recoginzed electrical construction qualion by government

Save these instruction



# Safety precautions

## **AWARNING**

- Do not use the time switch in any equipment that supports human death or significant social problems and this switch is esiicitly not intended for such
- If you want to use the time switch in equipment that could cause a financial loss if a fallure occurs(such as in heaters and refrigerators), select a model with excess capacity in terms of characteristics and performance, then also take safety measures such as providing suplicate circuits

## **ACAUTION**

- Do not repair it by youself, break down, or reform. Otherwise it will cause shock, fire or failure.
- Please use the appropriate power wire. If you use appropriate power wire, will lead to a damaged or fire
- Please connected the bolt of terminal firmly. it will lead to a damage or fire if loose
- Dont use the time switch where it mighe be splashed by water or oll.you mayreceive an electrical shock ,cause a fire, or damage the switch.
- please cut the main power supply, before you operation inspection it Otherwise, you may be shock by the electric.
- Do not connect to the rated power outside of the power supply. Or it will cause a fire and damage
- Please do not directly control the load whitch above rated load, will lead to a damaged or fire. In this case, please use the electromagnetic contactor and other equipment.

### Attention in the construction

- Do use it in the following situations. Otherwise it will lead to malfunction, failure or leakage.
  - The use of placesbelow-10°C or above+50°C
  - Such as rain or sunshine outdoor directly the place
  - The place where condensation of dew.
  - The place where with sulfurous acid gas or ammonia and other corrosive gas
  - The useing place with Heavy moisture or more powder
  - The place where occurr vibration or shock.
  - High frequency noise, electric field, magnetic field strong places
- Output circuit same as the power circuit TB388 type, the output voltage same as the power circuit voltage.
- Please do not put the power terminal and the output terminal of confusion.
- Load capacity exceeds the rated load of the occasion, or load for the three-phase load situation, please use the electromagnetic contactor and other equipment.
- Construction ended, please fully confirm the correctness of the connection, and then the main power supply is switched on fortrial operation.

#### About Nickel metal hydride battery compensation

#### About time power compensation

The timing switch has built-in power compensation of nickel-hydrogen battery.

- If the timer switch is switched on, nickel-metal hydride batteries start charging automatically.
- The timer will be full of power after three days of continuous switching.
- Power outages or exceed the power cut compensation time long time power failure will make the battery life.

#### Nickel metal hydride battery replacement method

Battery life of about3years, the use of higher temperature, life will be more shortened. So please advance the battery replacement. ( model: TBS01003)

CAUTION

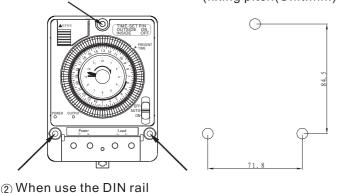
Please be sure to cut off power supply befor replace the battery . Or have the risk

of electric shock

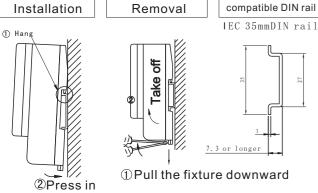
- 1.Remove the battery cover.
- 2. Take the nickel-hydrogen battery out of the battery compartment and disconnect the connector
- 3. Connector to the newbattery, and store the battery in the compartment
- 4. Make sure to put the battery cover back or

## 1 How to install

○ To install the time switch on a wall or other vertical suface. Fix the switch at the three holes with screws or the like. (fixing pitch(Unit:mm))



Installation Removal



# (2) Wiring examples

Suitable wire(Please use 600V plastic insulated wire)

ullet singlet wire.....  $\Phi$ 1.2  $\sim$   $\Phi$ 2.0 mm

 $\bullet$  Stranded wire.....1.25  $\sim$  2 mm2

**∴** Caution

- 1. The use of inappropriate wire will become a fire damaged or the cause of the fire.
- 2. Please do not use welding wire. The welding line is not

Wire processing firm and caused by poor contact will be the cause of the fire.

When using a single wire

Strip the coverback 14+2mm.

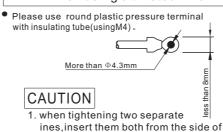
Please connect the wire to terminal as shown below

Tighten the screw on the Please insert the wire terminal block securely complete to make the wire •Appropriate torque head contact this surface



Connection confirmation After the end of the wire connection please fully recognized wiring if there is wrong.

When using a twisted wire



the screw asshown on zhe right.

2. Not in a terminal connecting three or more wires. Otherwise it will cause bad contact and lead to a fever, fire and other accident When Load circuit short circuit occurs, will lead to timing switch failure.

