APT-6S / APT-6SB
APT-6S+ / APT-6SB+
WEEKLY PROGRAMMABLE TIMER
User's Manual

ANLY

RESTRICTIONS ON USE

When using this product in applications that require particular safety or when using this product in important facilities, please pay attention to the safety of the overall system and equipment. Install fail-safe mechanisms, perform redundancy checks and periodic inspections and adopt other appropriate safety measures when it is necessary. This product is rated at Class II □ .

SAFETY PRECAUTION This manual uses the following symbols to ensure safe operation of this timer.

⚠ WARNING — Warnings are indicated when mishandling this controller might result in death or serious injury to user.

⚠ CAUTION — Cautions are indicated when mishandling this controller might result in minor injury to the user, or only physical damage to the timer.

⚠ WARNING

· Note this incorrect wiring of this controller can damage it and lead to other hazards. Make sure the controller has been correctly wired before turning the power ON.
· Before wiring, or removing / mounting the controller, be sure to turn the power OFF. Failure to do so might cause electric shock.
· Do not touch electrically charged parts such as the power terminals. Doing so might cause electric shock.
· Do not disassemble the controller. Doing so might cause electric shock or faulty operation.

⚠ CAUTION

· Use the controller within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere and etc.). Failure to do so might cause fire or faulty operation.
· Firmly tighten the terminal screws. Insufficient tightening of terminal screws might cause electric shock or fire.
· Press reset before use after removing the insulation sheet or replace the battery.

SPECIFICATION

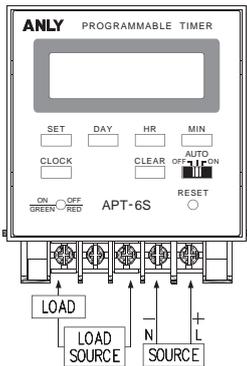|						
Operating voltage	AC/DC : 12 - 48V / AC/DC : 100 - 240V	Power consumption	Approx. 3.3VA	Weight	Approx. 170g	
Allowable operating voltage range	85 ~ 110% of rated operating voltage	Life	Mechanical : 5,000,000 times / Electrical : 100,000 times	Backlight	With	APT-6SB / 6SB+
Rated frequency	50 / 60 Hz	Ambient temperature	-10 ~ +50 ℃ (without condensation & freezing)		Without	APT-6S / 6S+
Contact rating	240VAC 7A(N.O.), 240VAC 5A(N.C.) Resistive load	Ambient humidity	MAX 85% RH (without condensation)	Program	8	APT-6S / 6SB
Status Indicator	POWER - Red / RELAY ON - Green	Altitude	MAX 2000m		48	APT-6S+ / 6SB+

BUTTON AND SWITCH FUNCTIONS

· **SET** : Porgram setting (ON/OFF)
· **CLOCK** : Current time setting
· **DAY** : Weekday setting
· **HR** : Hour setting
· **MIN** : Minute setting
· **CLEAR** : Clear Porgram
· **RESET** : Program reset
· ON : switch Output On
· OFF : switch Output Off
· AUTO : Output is switched via program
※ When switched to AUTO, output will hold its state untill a new program state occurs
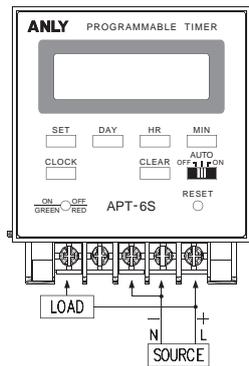
CONNECTION

· When APT and the load have separate power source
· When APT and the load share the same power source
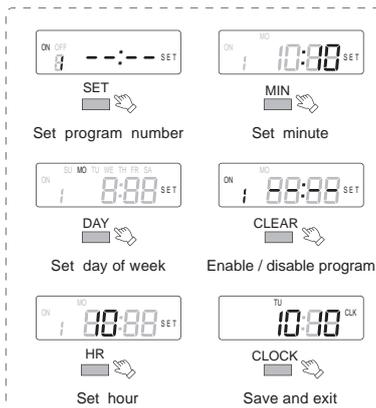
N Type
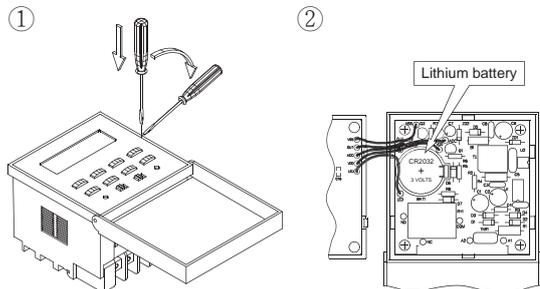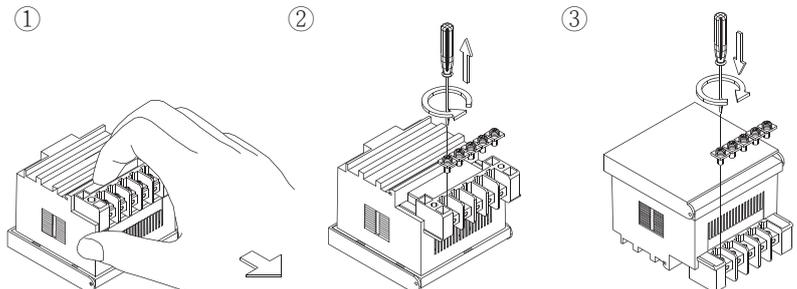
N Type

OPERATION

Real Time Clock

CLOCK DAY — Set day of week
CLOCK HR — Set hour
CLOCK MIN — Set minute

Program

SET — Set program number
DAY — Set day of week
HR — Set hour

MIN — Set minute
CLEAR — Enable / disable program
CLOCK — Save and exit

Clearing all the Porgram
APT-6S+/6SB+ only

CLEAR 5S
Start Clearing
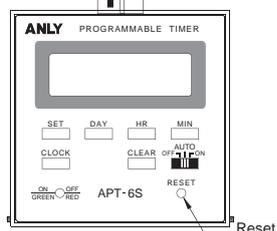Cleared

BATTERY CHANGE

① ②

Lithium battery

CONVERT Y TYPE (Flush Mounting) TO N TYPE (Surface Mounting)

① ② ③

BEFORE USE

Press reset before use after removing the insulation sheet

Insulation Sheet

Reset

CONVERT N TYPE (Surface Mounting) TO Y TYPE (Flush Mounting)

① ② ③ ④