



CONOTEC CO., LTD.

Digital Timer
www.conotec.co.kr



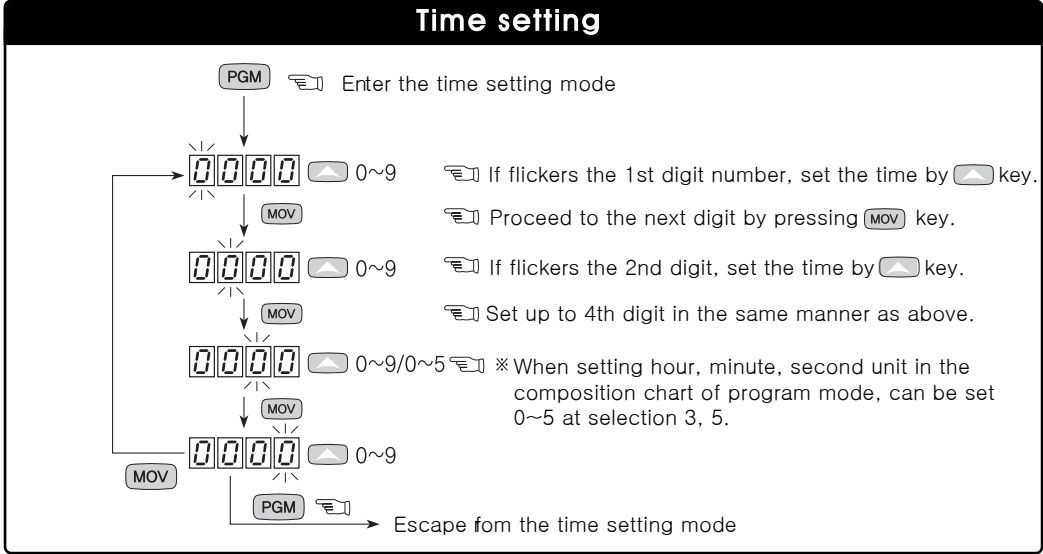
FOX-T2



FOX-TT2

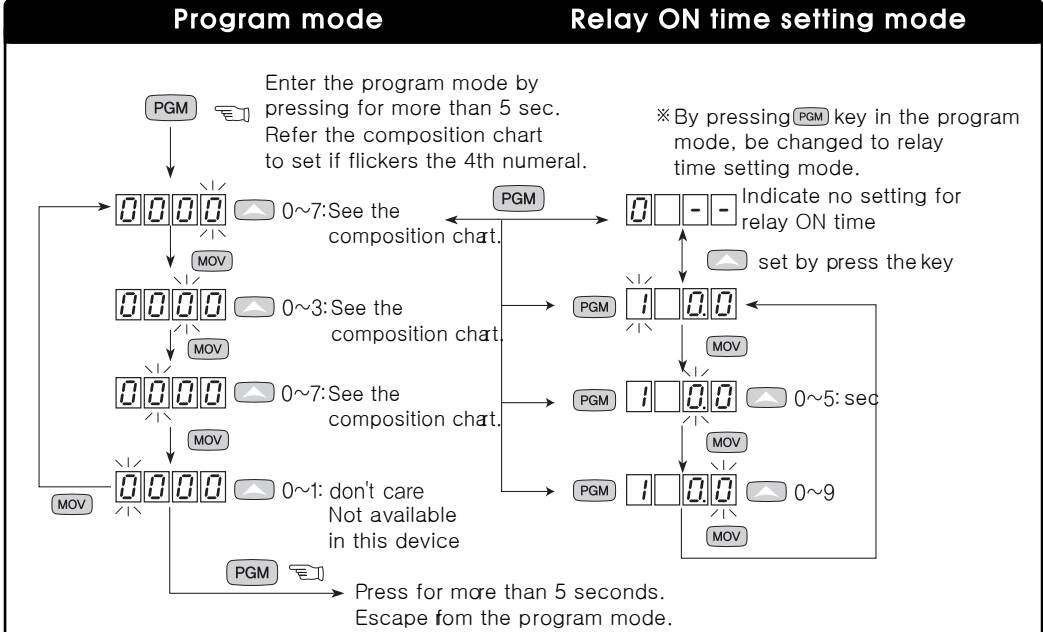
※ Regarding the English-language manual, please download it at our home page.

Time setting



Program mode

Relay ON time setting mode



• Features for each key

Keys	Functions
PGM Mode	Entered the program by pressing for 5 sec. Move between mode
MOV Move	Moving the setting value digit.
RST Reset	Initialized the time indication and output
Setting UP	Increasing the setting value.

※ In the state of time indication, be changed to the program setting mode by pressed **PGM** key for 5 seconds.

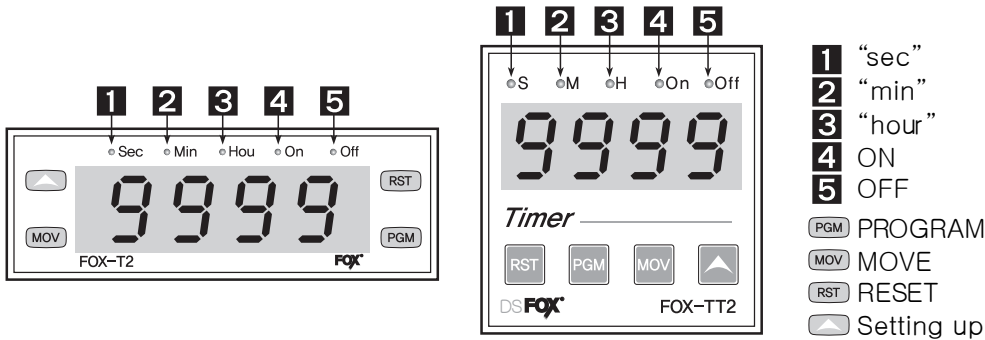
※ All programs return to the time indication window by pressing **PGM** key for 5 seconds.

Explanatory for Auto Time controller

Model	Control output	Range	Function
FOX-T2	Relay contact	0~9999 hour	single or twin timer workable
FOX-TT2			

※ Thank you for selecting our products
This user manual is provided to prevent product damage by carelessness and to inform the users of exact way of operation. Please keep it well and refer to it when you have any question in using the product.

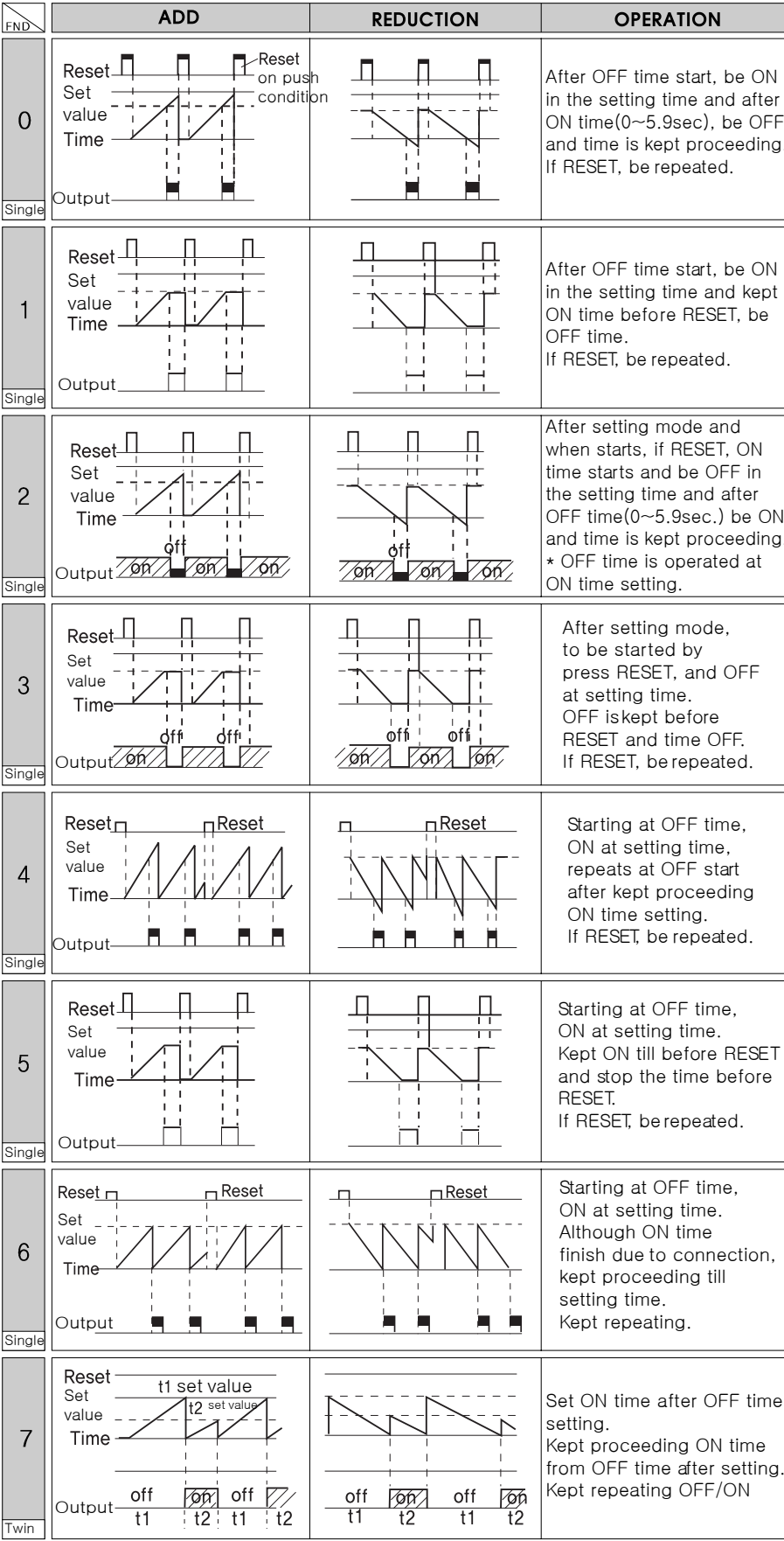
■ Part name



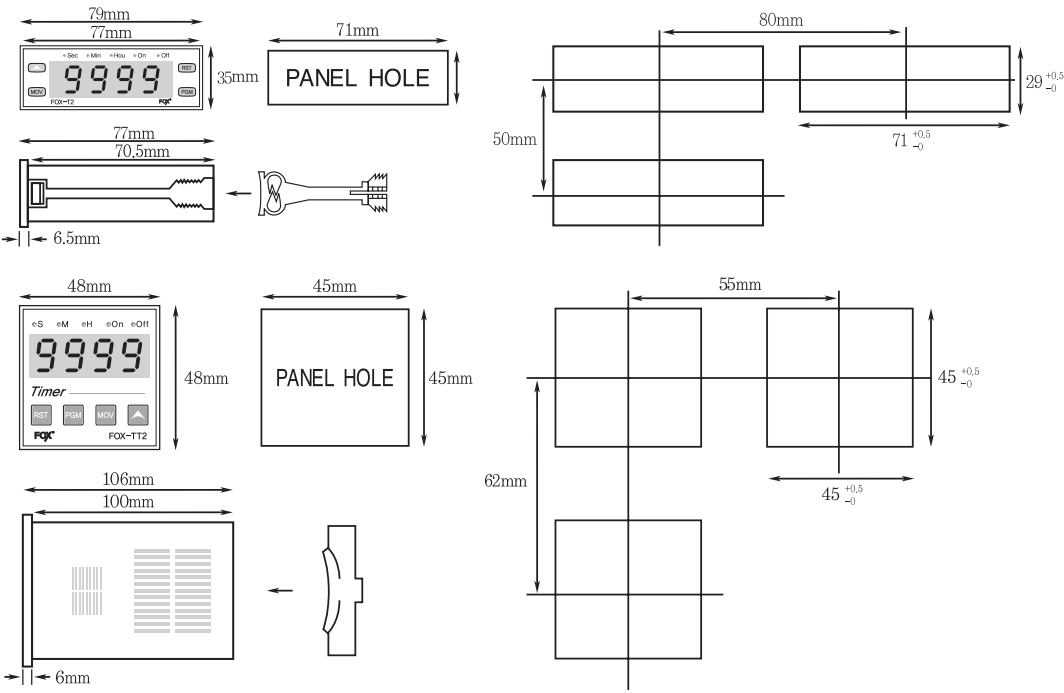
■ Composition chart for setting program mode

END	Time	Unit
0	99.99	Sec.
1	999.9	Sec.
2	9999	Sec.
3	99.59	Min. Sec.
4	999.9	Min.
5	99.59	Hour, Min.
6	999.9	Hour.
7	9999	Hour.

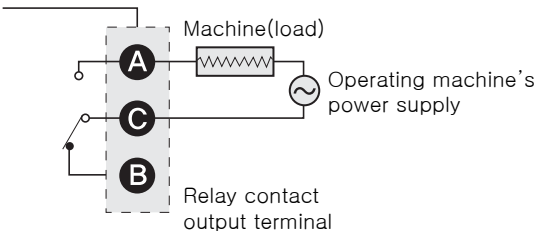
END	Operation mode
0	Add single
1	Reduction Single
2	Add Twin
3	Reduction Twin



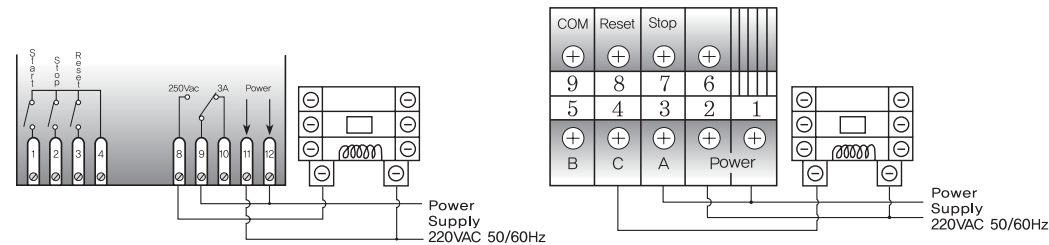
Dimension



Relay connection



Connection



※ Output : 250VAC 2A
Make sure of using the power relay or magnet

Caution for safety

Warning

Pls use this item after set up safety device doubly in which is applied at dangerous equipment such as serious human injury or serious damages of property & important machine because this item is not designed as a safety device.

Caution

- 1. Be well acquainted with way of operation, safety regulations and warnings and make sure to use the product in accordance with the defined specification and within the related capacity.
- 2. Do not connect wiring or make installation with the motors or solenoids having big inductive load.
- 3. In extending the sensor, use the same wire, and do not make it long unnecessarily.
- 4. Do not use the parts to generate arc in opening and closing at the same or nearby power supply.
- 5. Power cable should be kept away from high-voltage cable, and should not be installed in the place of much water, oil or dust.
- 6. Do not install in the place exposed to direct sunlight or rain.
- 7. Do not install in the place exposed to strong magnetism, noise, vibration and impact.
- 8. Keep away from the place where strong alkali or strong acid material is directly discharged.
- 9. Do not spray water directly for cleaning when installing in the kitchen.
- 10. Do not install in the place where the temperature and humidity exceed rated range.
- 11. Use the product not to cut the sensor line or to get flaw on it.
- 12. Sensor line should be kept away from the signal line, power supply, driving power and load line, and independent piping should be used for it.
- 13. This product may not be serviced when disassembled and modified as you like.
- 14. The mark on the wiring diagram is the safety wording for warning or caution.
- 15. Do not use near the devices which emit strong high frequency noise (High frequency welder, High frequency sewing machine, High frequency two-way radio, High capacity SCR controller).
- 16. If the product is used by the way other than defined by the manufacturer, it may cause personal injury or property loss.
- 17. As it is not a toy, keep out of the reach of the children.
- 18. The installation should be done by an expert or a qualified person.
- 19. Our company does not assume any responsibility for the damage and loss caused by non-complying with the above warnings and cautions or through the mistakes of the consumers.

Danger

Caution, Danger of electric shock

- Electric shock – Do not touch AC board on power because of electric shock.
- Please intercept surely power input when checking power input.

Diagnosis for breakdown

Indicating ERROR on using items

- Caused by damage of memory data for various of inner-Data due to be noised strongly from outside on using items. Pls request us A/S by return. Although our controller is devised with the complementary measre on these noise from outside. It is not endurable these noise with endlessly.
If noise(2KV) disordering inflow, the inner-part will be damaged.

Warranty period : 1 year from the purchase

Example of T2,TT2 Timer application

<Ex 1> In case of must control machine that need one-short output repeatedly every 100 seconds by decrease ? (Use output with decrease single repeat progress.)

- Enter the program mode by pressing the key for more than 5 seconds.
- If flickers the 1st digit number, set the time by key. (※ See the composition chart)
- Set the time unit as “2” (is 9999 second unit) (※ See the composition chart)
- Proceed to the next digit by press .
- Set the single decrease operation mode as “1” by key. (※ See the composition chart)
- Proceed to the next if flickers the 3rd digit number by .
- Set the one-shot output repeatedly as “4” by key. (※ See the composition chart)
- Proceed to the relay ON time setting mode by .
- Enter the setting mode by press key.
- If flickers the second unit with , set 0~5 by key. (ex:”3”)
- If flickers the 1/10 second unit with , set 0~9 by key.(ex:”5”)

Escpae from the program mode by pressing key for more than 5 seconds.

“Repeating output for 3.5 second every 100 seconds by decreasing count”

<Ex 2> In case of must control machine that need ON output repeatedly for 1 hour every 100 hours by increase ? (Use the increase twin mode)

- Enter the program mode by press the key for more than 5 seconds.
- If flickers the 1st digit number, set by key. (※ See the composition chart)
- Set the hour unit as “7”.(is 9999 time unit) (※ See the composition chart)
- If flickers the 2nd digit number by using , procced to the next)
- Set “2” as an add twin mode using key. (※ See the composition chart)
- If flickers the 3rd digit number by using , proceed to the next)
- Set “7” as a twin time mode by using .

Escape from the progoram mode by press key for more than 5 seconds.

Enter the time set mode key to set twin time.

- Firstly set OFF time as “100” by using key and .
- To set the 2nd ON time, set as “1” by using key and .

“Repeating OFF 100 hours / ON 1 hour by add counting.”

※ The above product specifications are subject to change without advandc notice to improve the performance. Please be well-acquainted with and keep the above mentioned cautions.

※ Regarding the English-language manual, please download it at our home page.

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※This device works proper operation with;
Surround Temp. : 0°C ~ 60°C
Surrounding Humi. : below 80%RH
Regular power : 220VAC±10% 50/60Hz

- Main product and development
- Digital temp./huml. controller
- Digital timer, Current/Voltage meter
- Development of other products.

MEMO