

# T30

## SERIES

DIGITAL PID CONTROLLER

Built in powerful performance

# TIMER



jp progress engineering co.ltd

## Hybrid

PID controller + Timer



jp progress engineering co.ltd  
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# TemcoLine™

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# T30 SERIES



Alarm 2 of the T30 series supports to powerful digital timer function.

## ■ Timer output mode (ALARM 2)

Normal : ON-Delay

- T1 : ON-Time, Auto Run (one shot)
  - T2 : ON-Time, Manual Run (one shot)
  - T3 : ON-Time, Manual Run (one shot) : without temperature
  - T4 : Flicker (ON-Time setting from front display)
  - T5 : Flicker (OFF-Time setting from front display)
- Except the time set from the front, it is set in the internal menu.



## ■ Time unit of 2 types (min/hours)

## ■ External Digital input (D.I) - Run/Stop

Alarm 3 of the T30 series supports a start/stop control of inverter operation function.

T30 series supports operation start/ stop function during inverter control (4~20mA) to enable more stable control and solve the problems of life time and power saving of peripheral devices.



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# T50

## SERIES

DIGITAL PID CONTROLLER

**HEATING & COOLING**  
in the same time control

**Heating & Cooling**  
selectable for All models



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# T50 SERIES



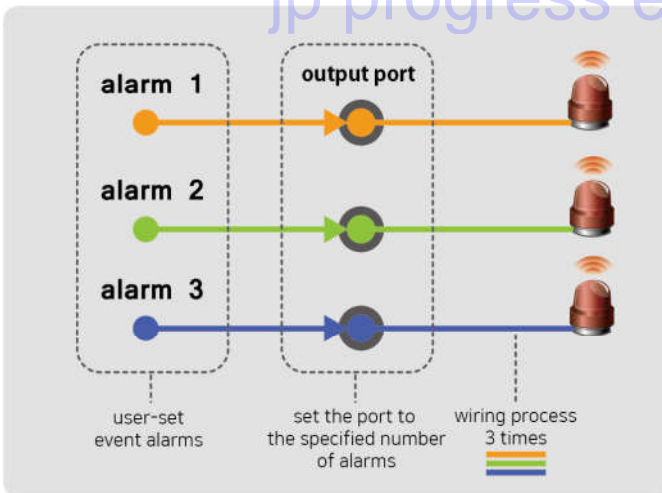
T50 series supports heating & cooling in the same time control.

- Perfect universal product (multi): consumer use optionally after purchase
- Input sensor- 24 types
- Output type- 4 types (Relay 2 types, SSR, SCR)
- Control type- 3 types (Heating, Cooling, Simultaneous heating and cooling control)

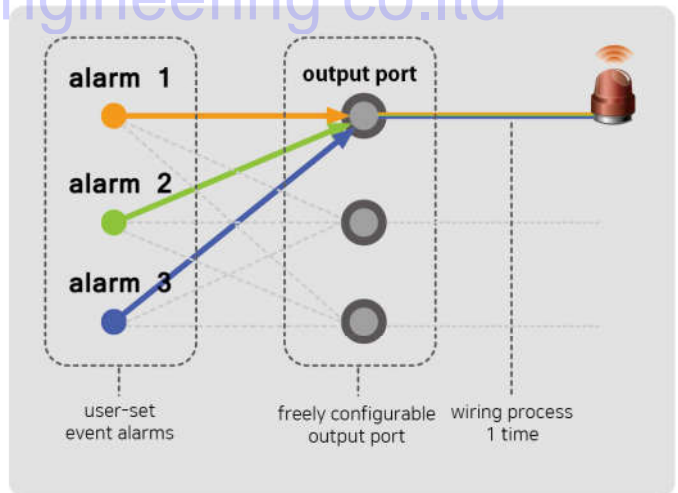
T50 series supports the selection of event output (3 basic alarms) function.

- Freely configurable output port
- Merit of the selection of event output:
  - simple wiring process
  - material reduction
  - simple of port management

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- example of an event output to other company products -



- example of an event output to Temcoline products -

T50 series is inside AC ammeter in products.

- Tolerance offset
- hold ON/OFF
- Current external display (SV)
- Can be display current of TPR



T50 series is displayed Heater life time.

- Heater Break Alarm (HBA)
- Heater life time: cumulative display during max. 30 years (prediction of heater's life)

