

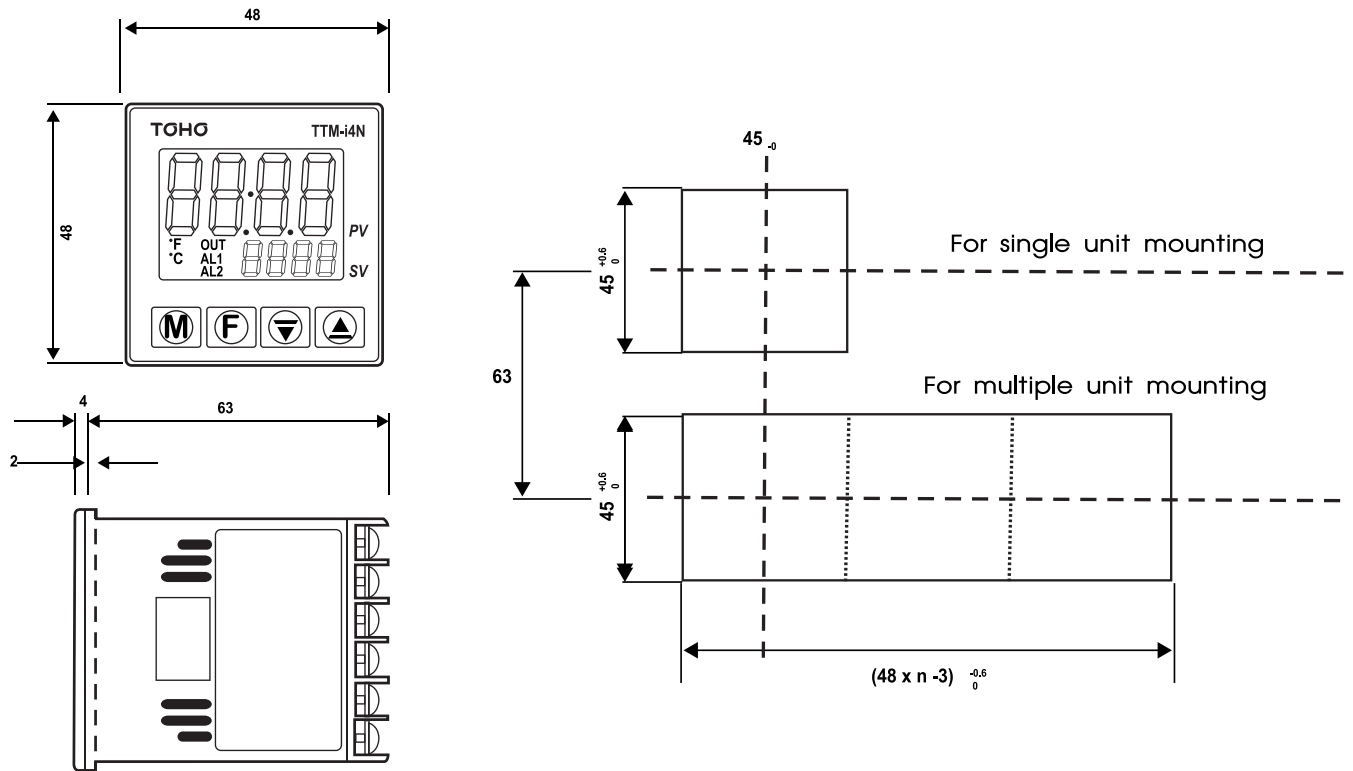
คุณสมบัติ



- เครื่องควบคุมอุณหภูมิและแสดงผลแบบดิจิตอล ทำให้ระบบมีเสถียรภาพตรงตาม Setpoint ด้วยระบบ Ultra-Fuzzy Control
- แสดงผลแบบ 7-Segment 4 หลัก ขนาดใหญ่สามารถมองเห็นได้ชัดเจน
- สามารถรับอินพุตได้ทั้งแบบ Thermocouple และ PT100
  - Thermocouple: Type K, J, R, T, N, S, B
  - RTD: PT100, JPT100
- LOADER CABLE FOR MAIN POWER SUPPLY AND PC SETTING.  
(Cable is sold separately, software under development)
- COMPACT BODY WITH DEPTH OF 59 mm.
- SAMPLING CCYCLE: 250 mS
- UL/CE STANDARD (Application pending)
- FUZZY CONTROL: Effectively prevents the "Over-Shoot" better than the normal PID Control at the initial start-up stage.
- In the event of an Instantaneous Power Faliure, the control remains stable by retaining the output just before the power failure, thus, the occurrence rate of defective item is diminished.

ข้อมูลทางเทคนิค

Temperature Input section			
Input types	<b>Thermocouple</b> : K, J, R, T, N, S, B (JIS C 1602-1995) <b>RTD</b> : Pt100, JPt100 (JIS C 1604-1997) <small>* The input types are switched by setting</small>		
Sampling cycle	250mS		
Display precision: (the ambient temperature 23 ± 10 °C)	<b>Thermocouple</b> : input value ± (0.3% + 1 digit) or ± 2 °C, whichever is larger (the ambient temperature 23 ± 10 °C).However, the condition shall be ± 3 °C in the -100 to 0 °C range, and ±4 °C in the -200 to 100 °C range. Not specified for temperatures not higher than 400 °C for thermocouple B. <b>RTD</b> : input value ± (0.3% + 1 digit) or 0.9 °C, whichever is larger (the ambient temperature 23 ± 10 °C).At ambient temperatures of 0 to 50 °C.±(0.5% +1 digit) or 1.5 °C, whichever the higher.		
Control output			
Relay contact output	<b>Control output</b> : 250VAC, 3A ( resistance load) Contact 1a Minimum load 5 VDC, 100 mA <b>Event 1 output</b> : 250VAC, 2.4A ( resistance load) Contact 1a Minimum load 5 VDC, 10 mA		
SSR driving voltage output	<b>Control output</b> : 12VDC Load resistance : 600 or more		
Loader communication			
Communication specification	TTL		
Protocol	MODBUS (RTU or ASCLL)		
Network	1:1		
Information direction	Half-duplex		
Synchronization system	Asynchronous		
Transmission code	ASCLL		
Interface	TTL level		
Communication speed	1200/ 2400/ 4800/ 9600/ 19200/ 38400 bps.		
Response delay time	0 - 250mS.		
Isolation	Isolated from power input and non-isolated from CPU circuit.		
Connection method	Dedicated connector.		
Timer			
Unit setting	Switchover between hours/minutes and minutes/seconds		
Setting range	0 minutes and 0 Seconds to 59 minutes 59 seconds 0 hours 0 minutes to 99 hours 59 minutes		
Setting precision	Time setting ± (1.5%+0.5 seconds)		
General Specification			
Power supply voltage	100 to 240 VAC, 50/60 Hz		
Environmental conditions	Standard environmental conditions	Temperature range	23 °C ± 10 °C
		Humidity range	45 to 75%RH
	Operating environmental conditions	Temperature range	0 to 50 °C
		Humidity range	20 to 75%RH (no condensation)
	Storage environmental conditions	Temperature range	-25 to 70 °C (no freezing, no condensation)
		Humidity range	5 to 95%RH (non-condensing)

**ขนาดและมิติ**

**การต่อใช้งาน**

				①	⑥	C	Event		
SSR drive voltage output	+	Output Relay Contact	NO	②	⑦	NO	Relay Contact		
	-		C	③	⑧	b	RTD input	-	Thermocouple input
Power supply				④	⑨	B		+	
				⑤	⑩	A			

**การสั่งซื้อ**
