CE

CMA-009   CMA-007   CMA-010

DESCRIPTION

Analog temperature controllers (needles) can receive inputs from the thermocouple k and have outputs as Relay and SSR by controlling the temperature of various systems. To obtain precise and accurate temperature values, with a compensate device to compensate for changing temperatures. There are LED displays when the output is working.
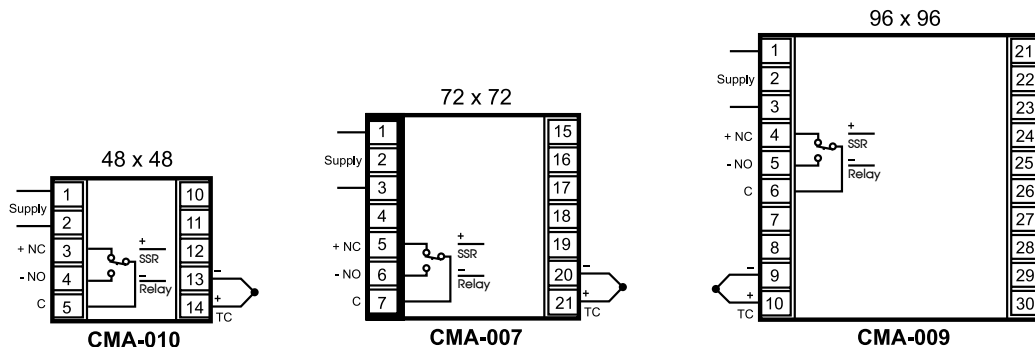
TECHNICAL SPECIFICATION
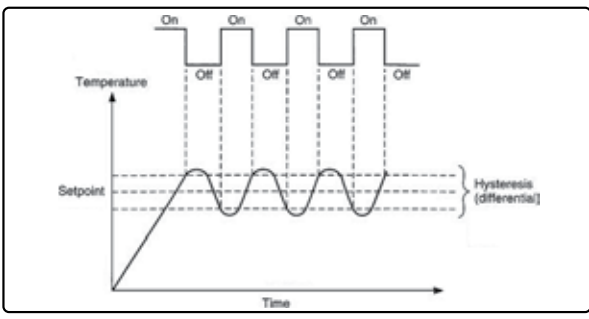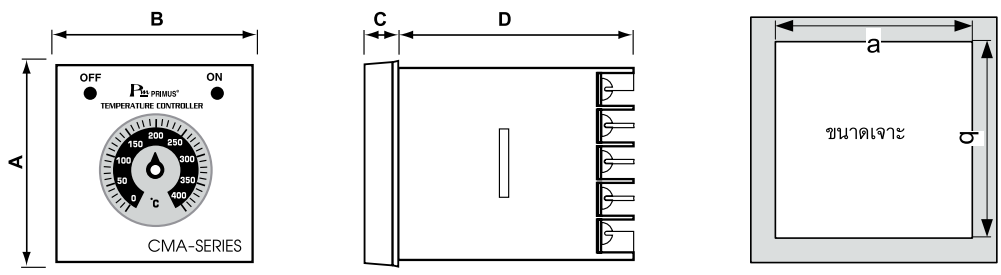
Model.		CMA-010	CMA-007	CMA-009
Power Supply		220 VAC ±20% 50/60 Hz		
Power Consumption		2VA		
Display		Red = Relay OFF		
		Green = Relay ON		
Input	Input Type	Thermocouple Type k		
	Range	0-200 °C, 0-400 °C	0-400 °C	0-400 °C
	Accuracy	± 0.5% of Full Scale		
	Impedance	10 MΩ		
Output	Relay contact	1 Alarm 5A/250VAC		
	SSR	SSR (12VDC)		
Ambient Operation	Temperature	-10 °C to 60 °C		
	Humidity	85 % RH Non-Condensing		
Ambient Storage	Temperature	-20 °C to 80 °C		
	Humidity	85 % RH Non-Condensing		
Protection Degree	Front Protection Rating	IP41		
	Case Protection Rating	IP30		
Installation		Panel Mounting		
Material		ABS-V0		
Size		48 x 48 x 80 mm.	72 x 72 x 80 mm.	96 x 96 x 80 mm.
Weight		144g.	224g.	299g.

WIRING DIAGRAM

48 x 48
CMA-010

72 x 72
CMA-007

96 x 96
CMA-009

PRIMUS

OPERATION GRAPH

DIMENSION

CUTTING PANEL

MODEL	A	B	a	b	C	D
CMA-010	48 mm.	48 mm.	45 mm.	45 mm.	8 mm.	80 mm.
CMA-007	72 mm.	72 mm.	68 mm.	68 mm.	11 mm.	80 mm.
CMA-009	96 mm.	96 mm.	92 mm.	92 mm.	11 mm.	80 mm.

ORDERING CODE

CMA - ☐ - ☐ - ☐ - ☐

SIZE	
010	48x48
007	72x72
009	96x96

INPUT	
0	Thermocouple Type K

OUTPUT	
R	Relay Contact 5A,250VAC
P	SSR (12VDC)

Range
200 ˚C
400 ˚C

*** Range for Model CMA-010

Specify Temperature Range