

### AK 3 TC / DTC



AK 3

TC / TC - P

DTC

Case Size	72 x 72 x 72	48 x 48 x 76	96 x 96 x 65	72 x 72 x 45	48 x 48 x 75
Panel Hole Size	67 x 67	46 x 46	92 x 92	67 x 67	46 x 46
Sensor	T/C : K,E,J OR RTD : PT-100 /3 WIRE			T/C : K, J, RTD : PT-100 /3 WIRE	
Range Limit	J (0-400 °C) , K (0-999 °C), PT-100 (-99.9 to 199.9 °C or 0-400 °C)			J (0-400 °C), K (0-999 °C), PT-100 (0-400 °C)	
Accuracy	± 0.5 % OF FS				
Resolution	1 °C				
Unit	°C / °F User Selectable			°C	
Control Action	PID / ON-OFF		PID / ON-OFF or TP / ON-OFF		PID / ON-OFF
Number of Relay	1 Relay + SSR Output				
Output	Relay 220 VAC / 3 A, 12 VDC for SSR				
Display / color	3 Digit Single Display		Bright Red Seven Segment Display		
Keyboard	3 keys				
Indication	Indication for Relay Status / SP Inication Status				
Mounting	Flush Panel Mounting With Side Clamp				
Power Supply	230 VAC, 50- 60 Hz, ± 10 %, ≥ 5 VA				
Envirnment	Temp : 0 - 50°C / Rh : 35 - 85 % ( Non - Condensation )				

### TEMPERATURE CONTROLLER WITH AMPERE INDICATION

### TC PID + Amp



TC - 4821 / TC - 7221

PID - 7221-A

Case Size	96 x 96 x 50	72 x 72 x 45	48 x 48 x 75	72 x 72 x 75
Panel Hole Size	92 x 92	67 x 67	46 x 46	67 x 67
Sensor	T/C : K,E,J OR RTD : PT-100 /3 WIRE			T/C : K, J
Range Limit	J (0-400 °C), K (0-1200°C), PT-100 (0-400 °C)			J (0-400 °C), K (0-1200°C)
Accuracy	± 0.5 % OF FS			
Resolution	1 °C for J/K type TC, 0.1 °C for RTD			
Current	0-99.9 Amp			
Control Action	PID / ON-OFF			
Output Type	1 Relay + SSR		2 Relay	
Output	Relay 220 VAC / 3 A, 12 VDC for SSR			
Display / color	4 Digit Dual Display		4 Digit / 3 Row Display	
Keyboard	4 keys			
Indication	Indication for Relay Status		Indication for Relay / Current Indication	
Mounting	Flush Panel Mounting With Side Clamp			
Power Supply	230 VAC, 50- 60 Hz, ± 10 %, ≥ 5 VA			
Envirnment	Temp : 0 - 50°C / Rh : 35 - 85 % ( Non - Condensation )			