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TEMPERATURE PROGRAMMABLE TEMPERATURE CONTROLLER

Double Display, TP & ON-OFF Action



MODEL	UTC-121	UTC-221	UTC-421
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
Display	Upper : 7 segment, 4 digit, 0.56", RED LED display - Process value Lower : 7 segment, 4 digit, 0.4", GREEN LED display - Set value		Upper : 7 segment, 4 digit, 0.39", RED LED display - Process value Lower : 7 segment, 4 digit, 0.28", GREEN LED display - Set value
INPUT	J / K / PT-100 2W / 3W (Configurable)		
Sensor Range	J(0°C to 600°C), K(0°C to 1200°C), PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	1 - Relay & SSR, Both Parallel		
Control Output	1 C/O, 5A, 230V AC		
Relay Ratings	12V DC approximately		
SSR / Buzzer			
SPECIFICATION	1 - Set Point		
Set point	Time Proportional (TP) / ON-OFF (Configurable)		
Control Action	HEAT / COOL Mode (Configurable)		
Operating Mode			
Resolution	J & K 1°C Fix, PT-100 2W/3W 1°C/0.1°C		
Accuracy	±1% of FSD		
Power Supply	90 - 270V AC/DC, 50/60 Hz, SMPS		
Protection	Relay turns OFF in case of sensor break		
Indication	"OPEN" message is display if sensor is disconnected & LED for Relay Status Indication		
Enclosure Material	Plastic		
Operating Ambient Temp	0°C - 55°C		
Relative Humidity	Upto 95% RH Non Condensing		