

Temperature Controller with J/K Thermocouple Input

This temperature controller monitors and regulates temperature based on input from J and K type thermocouples. It features a 72x72mm panel-mount design and provides ON/OFF control.



Overview

Temperature Control Solution

The DTC231 is a compact, panel-mounted temperature controller designed for reliable ON-OFF control in industrial and commercial environments. Featuring a 72x72 mm form factor, it supports J and K type thermocouple inputs and offers a single set point for precise temperature regulation. With its 10A relay output and wide supply voltage range, it is an ideal choice for basic heating and cooling management applications.

Technical Specifications

Display Type	7 Segment LED Dual Display
Display Configuration	3
Input Type	J-Type Thermocouple, K-Type Thermocouple
Resolution	1 °
Accuracy	0.25% of F.S ±1°C (20 min warm up)

Electrical & Control

Control Output	RELAY • 10A
Supply Voltage	90 to 270V AC/DC

Physical Characteristics

Dimensions	
72 mm Width	72 mm Height
Mounting Type	Panel Mount