

# 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