

# Digital Temperature and Humidity Controller with Alarm

This controller connects to digital temperature and humidity sensors, displaying the values on its panel. It includes fan and heater contacts, as well as an alarm for detecting heater or sensor malfunctions.



## ADDITIONAL IMAGES



## Product Overview

### Smart Climate Management

This digital temperature and humidity controller provides precise environmental regulation for high-voltage switchgear, terminal boxes, and substation equipment. Designed to prevent faults caused by condensation, creepage, or extreme thermal conditions, it ensures reliable operation in demanding industrial environments. The unit features an intuitive LED display, configurable alarm thresholds, and versatile power supply compatibility for seamless integration.

## Technical Specifications

Temperature Accuracy	1 °C
Humidity Accuracy	5 %RH

## Power and Consumption

### Power Consumption

<b>0.8 W</b> Basic Power	<b>0.7 W</b> Relay (per channel)
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Auxiliary Power Supply	AC 85-265V, DC 100-350V
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## Application and Features

### Typical Applications

- High voltage switchgear
- Terminal boxes
- Ring network panels
- Box transformer substations

### Optional Features

Communication • Temperature control • Humidity control • Fan control

## Installation

Mounting

Panel mounted