

# Industrial Electric Control Cabinet with Digital Display

This is an electric control cabinet designed for industrial applications. It features a digital temperature controller and display for monitoring and control.



## Overview

### Industrial Electric Control Cabinet

This industrial-grade electric control cabinet is designed for robust operation and precise monitoring of refrigeration units. It features advanced protection mechanisms, including inverse-time limit overcurrent protection, which dynamically adjusts guard times based on current volume to ensure system safety. Additionally, the unit provides comprehensive electrical monitoring, covering phase-deficient, phase-sequence, and three-term imbalance protection.

## Protection Features

Protection Mechanisms	Inverse-time overcurrent protection, Phase-deficient protection, Phase-sequence protection, Three-term imbalance protection
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## Technical Specifications

### Functionality

- Real-time guard time adjustment based on overcurrent volume
- Automatic reduction of protection time during overcurrent events
- Refrigerating unit safety optimization

Current Protector Model	CP-6000
Operating Logic	Inverse-time limit protection

## Interface & Display

### Key Displayed Metrics

<b>-44.5 °C</b> Temperature Reading	<b>28 A</b> Current Status
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### Control Interface Components

Digital Temperature Controller (EX-3010) • Digital Display (CP-4000) • Green Indicator Light • Manual Switch • Key Lock