

Power Factor Correction Controller

This power factor controller facilitates real-time measurement and monitoring of distribution system parameters. The device controls reactive power compensation circuit switching and provides protection and alarm functions.



Overview

Intelligent Power Factor Management

This advanced power factor correction controller is designed for efficient management and optimization in electrical power transmission and distribution systems. Featuring a user-friendly interface with guided menu operation, it allows for flexible control sequences and comprehensive system monitoring. The device ensures reliable performance with features like automatic memory for parameter settings and robust fault monitoring capabilities.

Technical Specifications

Monitoring Capabilities

- System parameters
- Voltage harmonics
- Current harmonics
- Individual capacitor power value
- Fault monitoring and diagnostics

Output Capacity

12 or 21 outputs (configurable)

Switching Modes

Self-optimized intelligent control, Cyclic switching, Coding switching, 8421 coding mode

Operational Features

Operational Modes

Manual Operation • Automatic Operation • User-defined Control Level Editor

Safety & Testing

- No voltage shutdown
- Automatic memory of setting parameters
- Fault information display
- Error analysis test operation

Data Retention

Yes