

Industrial Power System Protection Relay

This protection relay is designed for industrial power systems, providing comprehensive protection and monitoring capabilities. It features current and voltage inputs, digital inputs and outputs, and serial communication for integration into SCADA systems.



ADDITIONAL IMAGES



Product Overview

Integrated Protection and Control

This microcomputer protection measurement and control device combines protection, measurement, and control functions into a single unit. It is specifically designed for 35kV and below user terminal substations, ensuring reliable operation across various critical sectors including water conservancy, transportation, petroleum, chemical, and coal industries. The system offers powerful graphic programmable logic and extensive logging capabilities for comprehensive power management.

Technical Specifications

Input Channels

8 channels

Current Inputs

4 channels

Voltage Inputs

I/O Configuration

16 ports

Digital Inputs (DI)

10 ports

Digital Outputs (DO)

Auxiliary Power Supply

AC220V, DC220V, DC110V, AC110V

Communication & Connectivity

Communication Interfaces

- 2x RS485 Serial Ports
- 1x RS232 (User Update)
- 1x GPS Timing Port

Supported Protocols

IEC 60870-5-101 • IEC 60870-5-103 • Modbus-RTU

Data Logging & Diagnostics

Logging Capacity

Record Type	Capacity
Sequence of Event Records	> 200
System Logs	> 400
Tripping Context Records	> 10 seconds