

Intelligent Air Circuit Breaker

This air circuit breaker is designed for AC power distribution systems, featuring an intelligent controller. It provides comprehensive protection against overload, short circuit, and undervoltage.



ADDITIONAL IMAGES



Product Overview

Intelligent Air Circuit Breaker System

The RDW1-2000-6300 Series is a high-performance intelligent air circuit breaker designed for robust power distribution networks. It provides comprehensive protection against electrical faults including overload, undervoltage, short-circuit, and phase loss, ensuring high power-supply reliability. Equipped with an open communication port, it supports remote control and integration into automated power management systems.

Electrical Ratings

| | |
|---------------------------|--------------|
| Rated Operational Voltage | 690 V |
| Rated Current Range | 400 - 6300 A |
| Operating Frequency | 50Hz, 60Hz |

Operational Environment

| | |
|-------------------------------|------------------|
| Operating Temperature | -5°C to +40°C |
| Maximum Installation Altitude | 2000 m |
| Relative Humidity | Max 50% at +40°C |

Compliance & Features

Compliance Standards

IEC60947-2

Protection Capabilities

- Overload protection
- Undervoltage protection
- Short-circuit protection
- Single-phase grounding fault protection
- Phase loss protection

System Integration

- Intelligent controller
- Open type communication port
- Remote control functionality
- Isolation function