

# 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