

Air Circuit Breaker 1000A 415/690V

This air circuit breaker is designed for industrial and commercial applications. It has a rated current of 1000A and complies with GB/T 14048.2 and IEC 60947-2 standards.



Product Overview

High-Performance Air Circuit Breaker

The ADW3 series air circuit breaker is a robust electrical protection solution designed for demanding industrial and commercial power systems. Featuring a modernized design with an optimized internal structure, it ensures reliable operation and high breaking capacity with zero arcing. Its integrated intelligent controller provides comprehensive power grid monitoring and remote control capabilities, making it an ideal choice for sophisticated power distribution management.

Electrical Ratings

Key Electrical Ratings

1000 A Rated Current (In)	1000 V Insulation Voltage (Ui)	12 kV Impulse Withstand (Uimp)
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Rated Operational Voltage (Ue)	415/690V AC 50Hz
Short-Circuit Breaking Capacity (Icu)	85kA - 100kA

Performance & Durability

Utilization Category

Category B

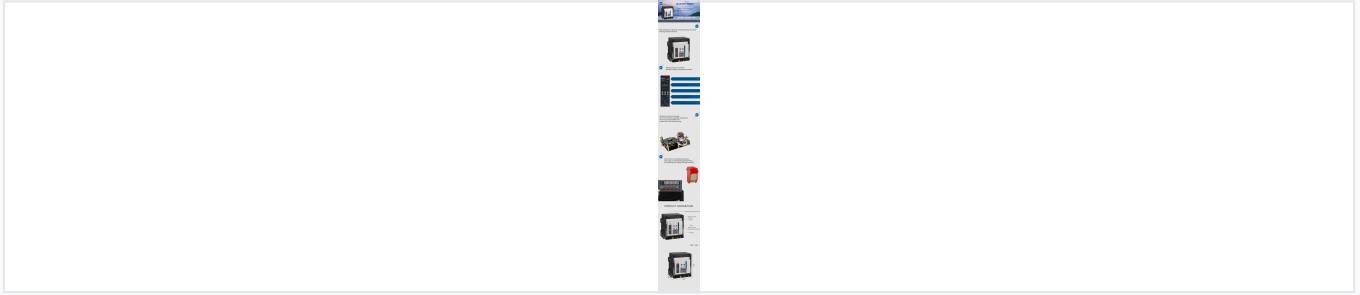
Mechanical Life	20000 cycles
Electrical Life	10000 cycles

Intelligent Features

Monitoring & Control Functions

- Power grid parameter measurement
- Operation and maintenance parameter recording
- Remote control support
- Multiple communication protocol compatibility
- Fault tripping indication with reset

Design & Construction



Detailed view of the intelligent controller, interface buttons, and optimized internal structure of the ADW3 series.

Physical Interface Elements	LCD Display, Intelligent Controller, Manual Handle, ON/OFF Buttons, Charge/Discharge Indicator
Arc Extinguishing System	Optimized system for zero arcing and high breaking performance
Motor Protection	Flexible adjustable connection between motor and mechanism to prevent motor burnout

Standards & Compliance

Compliance Standards	IEC 60947-2, GB/T 14048.2
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Dimensions

Unit Dimensions

Dimension Type	Value
Width	355 mm
Height	402 mm