

6kA DPN RCBO Circuit Breaker

This RCBO circuit breaker provides protection against residual current and overcurrent. It is designed for AC50H low-voltage electrical systems with a rated voltage of 230V and a rated current of no more than 40A.



ADDITIONAL IMAGES



Overview

Professional Residual Current Circuit Breaker

The DAB7LN-40 series is a compact RCBO designed for high-performance electrical circuit protection. It provides comprehensive safety through integrated short-circuit, overload, and ground leakage protection in a space-saving DPN configuration. Engineered for reliability in low-voltage AC systems, it is an essential component for preventing fire hazards and electrical shocks in commercial and residential installations.

Electrical Specifications

Rated Current

40 A

Rated Current

Breaking Capacity

6 kA

Breaking Capacity

Detailed Parameters

Parameter	Value
Number of poles	1P+N(18mm)
Rated operating voltage	230V
Rated insulation voltage	500V
Impulse withstand voltage	4KV
Rated frequency	50-60HZ
Release type	Thermo-magnetic

Mechanical and Installation

Terminal Connectivity

- Conductor capacity: 1-25mm²
- Bus bar thickness: 0.8-2mm
- Dual-purpose terminal for bus bar and conductor

Mounting Type

35mm DIN guide rail (IEC standard)

Certifications and Compliance

Standards

IEC61009, GB16917, ISO 9001:2008