

## 6kA DPN Miniature Circuit Breaker

This Miniature Circuit Breaker (MCB) provides both thermal and electromagnetic overcurrent protection. It features an independent contact position indicator and a DIN rail latch with a double fixed position.



### ADDITIONAL IMAGES



### Overview

#### DAB7N-40 Series DPN Miniature Circuit Breaker

The DAB7N-40 series is a high-performance DPN miniature circuit breaker designed for reliable circuit protection. Featuring a double-break point 1P+N design, it ensures synchronous operation where the neutral pole breaks later to guarantee arc-breaking capacity and equipment safety. This unit provides comprehensive thermal and electromagnetic overcurrent protection, making it an essential component for safe electrical distribution.

### Electrical Specifications

#### Rated Breaking Capacity

**6 kA**

Breaking Capacity

#### Instantaneous Tripping Type

B • C

|                           |       |
|---------------------------|-------|
| Rated Current             | 40 A  |
| Rated Voltage             | 230 V |
| Rated Insulation Voltage  | 500 V |
| Impulse Withstand Voltage | 4 kV  |

## Mechanical Specifications

### Terminal Connection Ability

- Conductor: 1-25mm<sup>2</sup>
- Bus bar thickness: 0.8-2mm

### Protection Grade

IP20

### Operating Temperature Range

-40 to +50°C

### Mechanical Endurance

180,000 cycles

## Compliance & Standards

### Standards of Conformity

IEC60898, GB10963