

Motor Protection Circuit Breaker 0.1-45A

This motor protection circuit breaker (MPCB) is designed for overload, phase loss, and short circuit protection. It is suitable for three-phase asynchronous motors.



ADDITIONAL IMAGES



Product Overview

CKDD1 Series Motor Protection

The CKDD1 series motor protection circuit breaker (MPCB) is designed for electrical circuits with AC voltage up to 690V and rated current up to 45A. It provides comprehensive protection against overload, phase loss, and short circuits for three-phase asynchronous motors. This versatile system supports integration with AC contactors and thermal relays for advanced motor control and protection.

Technical Specifications

| | |
|----------------------------------|---|
| Rated Voltage | 690 V |
| Rated Current Range | 0.1 - 45A |
| Impulse Withstand Voltage (Uimp) | 8 kV |
| Standards Compliance | GB14048.2, GB14048.4, IEC/EN60947-2, IEC/EN 60947-4-1 |

Performance Metrics

Rated Breaking Capacity

| Voltage (Vac) | Capacity (kA) |
|---------------|---------------|
| 230 | 100 |
| 400 | 100 |
| 480 | 80 |
| 690 | 5 |

Features & Accessories

Available Modules

- Auxiliary contacts (lateral/top mounted)
- Alarm contacts
- Undervoltage tripper (lateral mounted)
- Shunt tripper
- Surge suppressor

Housing Frame Sizes

32A • 45A