

3P 320A 1500V DC Molded Case Circuit Breaker

This 3-pole molded case circuit breaker is designed for DC1500V systems and has a rated current of 320A. It features thermal-magnetic trip protection, providing both overload and short-circuit protection.



ADDITIONAL IMAGES



Overview

High-Performance 1500V DC MCCB

This 3-pole molded case circuit breaker is engineered for high-voltage DC systems, specifically designed for 1500V applications. It provides robust overload and short-circuit protection through a thermal-magnetic trip unit, ensuring the safety and reliability of industrial electrical circuits. With a high impulse withstand voltage of 12kV and a durable mechanical life of 10,000 cycles, it is an ideal solution for demanding B2B power distribution needs.

Key Performance Metrics

Core Performance

320 A

Rated Current

1500 V

Rated Voltage

20 kA

Breaking Capacity

Electrical Specifications

Number of Poles	3
Rated Insulation Voltage (Ui)	1500 V
Rated Impulse Withstand Voltage (Uimp)	12 kV
Utilization Category	Category A

Durability & Installation

Mechanical Life	10000 cycles
Electrical Life	5000 cycles
Wiring Mode	Up incoming and down outcoming
Reference Ambient Temperature	40 °C

Compliance & Protection

International Standards <ul style="list-style-type: none">• IEC/EN 60947-2• GB/T 14048.2	
Quality Certificates CCC • CB • TÜV	
Protection Types	Thermal-Magnetic Trip, Overload Protection, Short-Circuit Protection