

Molded Case Circuit Breaker (MCCB)

This molded case circuit breaker (MCCB) protects electrical circuits from overcurrent caused by overload or short circuits. It provides a means to manually switch a circuit and automatically trips to interrupt the current flow in the event of a fault.



ADDITIONAL IMAGES



Product Overview

Robust Electrical Protection

The RDM5 molded case circuit breaker is engineered for reliable overcurrent and short-circuit protection in industrial and commercial electrical systems. Featuring a compact and robust design, it is suitable for power distribution and motor protection in three-phase configurations. This device ensures system safety by providing both manual switching and automatic fault interruption, complying with rigorous international standards.

Technical Specifications

Rated Current

50 A

Rated Current (I_n)

800 A

Max Rated Current

Voltage Specifications

- Operational Voltage (U_e): 400V/690V
- Insulation Voltage (U_i): 1000V
- Impulse Withstand Voltage (U_{imp}): 12kV

Short-Circuit Breaking Capacity

Type	Capacity (kA)
Ultimate (I _{cu})	70kA / 20kA
Service (I _{cs})	50kA / 12kA

Operational Details

Standards and Certifications IEC60947-2, GB14048.2, Cat A

Max Ambient Temperature 40 °C