

Molded Case Circuit Breaker with Residual Current Protection

This series applies to power distribution networks at AC 50/60Hz with a rated operational voltage of 400V (690V). It provides protection against overloads, short circuits, and residual currents.



ADDITIONAL IMAGES



Product Overview

KNM1L Series Circuit Breaker

The KNM1L series is a robust Moulded Case Circuit Breaker (MCCB) integrated with Residual Current Circuit Breaker (RCCB) functionality. Designed for power distribution networks, it provides comprehensive protection against overloads, short circuits, and ground faults to prevent fire hazards and ensure personnel safety. This versatile device is suitable for industrial and commercial applications, supporting infrequent motor starting and circuit switching.

Electrical Ratings

Rated Current

800 A

Max Rated Current

Rated Operation Voltage	400 V
Maximum Voltage	690 V
Operating Frequency	50/60 Hz

Compliance & Standards

Utilization Category

Cat. A

International Standards	CE, CB, S, NF, TSE, CM
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Features & Accessories

Optional Accessories

- Shunt trip release
- Undervoltage release
- Auxiliary contact
- Alarm contact
- Rotary handle operation mechanism
- Motor operation mechanism
- Busbar

Integrated Safety Functions

- Overload protection
- Short circuit protection
- Residual current protection (30mA - 300mA)
- Manual test button
- Residual indication