

Miniature Circuit Breaker 63A 400V

This miniature circuit breaker offers reliable performance and high breaking capacity. It is designed for overload and short-circuit protection of lighting and distribution lines in residential, commercial, and industrial applications.



ADDITIONAL IMAGES



Overview

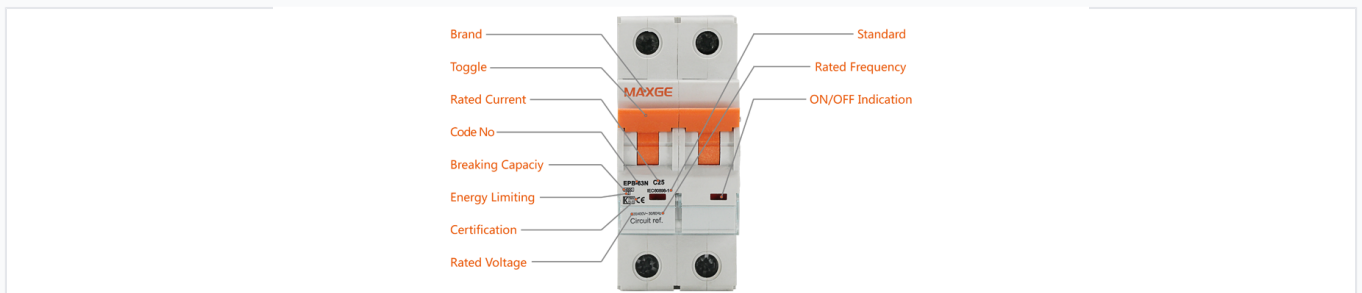


Diagram illustrating the manual toggle and ON/OFF status indication.

Reliable Circuit Protection

This Miniature Circuit Breaker (MCB) is designed for robust overload and short-circuit protection in residential, commercial, and industrial electrical distribution systems. Featuring advanced structural design and high breaking capacity, it ensures safety and reliability for circuits up to 400V. It is suitable for DIN rail mounting and supports infrequent on-off operations for line conversion.

Electrical Specifications

Key Electrical Ratings

63 A

Rated Current

400 V

Rated Voltage

6 kA

Breaking Capacity

Technical Details

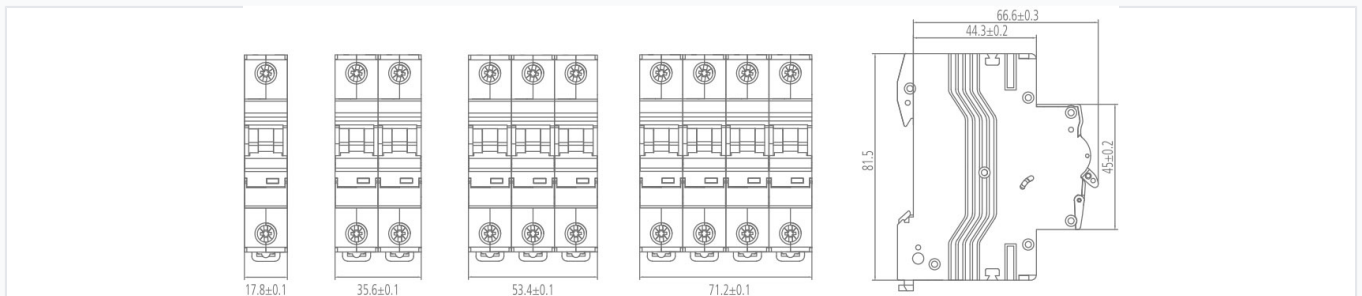
Standard	EN/IEC60898-1	Number of poles	1P, 1P+N, 2P, 2P+N, 3P, 4P and 4P
Breaking capacity	6kA	Type of trip	Thermomagnetic release
Protection	Against overload and short circuit	Type of terminal	Lug type and Pin type
Rated current In	0.5, 1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A	Terminal capacity	16mm ² flexible or 25mm ² rigid up to 25A ratings 25mm ² flexible or 25mm ² rigid from 32A to 63A ratings
Rated voltage	AC 1, 2, 3, 4 POLE 230/400V Rated insulation voltage Ui 500V Rated impulse withstand voltage Uimp 4000V Energy limiting class 3	Protection degree	IP 20
Ambient temperature (°C)	-5 to +40	Installation	Mounting on 35mm DIN rail
Characteristic	Thermal operating limit: (t 1.5) 1.45V/m Magnetic operating: B 0.05kA/s C 0.5-10kA/s D 10-20kA/s	Width	17.8mm per pole

Comprehensive technical data covering operational limits and terminal capacities.

Technical Specifications

Property	Value
Standard	EN/IEC60898-1
Rated Insulation Voltage (Ui)	500V
Rated Impulse Withstand (Uimp)	4000V
Energy Limiting Class	3
Protection Degree	IP20

Installation & Environment



Detailed dimensions for single to quadruple pole configurations.

Installation Requirements

- Mounting: 35mm DIN rail
- Ambient Temperature: -5°C to +40°C
- Terminal Capacity: 16mm² flexible / 25mm² rigid (up to 25A)
- Terminal Capacity: 25mm² flexible / 25mm² rigid (32A to 63A)

Certifications

Compliance & Certifications

VDE • KEMA EUR • EAC • TÜV Rheinland • IEC60898-1