

Application

The VOB3-63 Miniature Circuit Breaker provides overload and short-circuit protection for AC 50/60 Hz electrical circuits. Suitable for residential, commercial and light industrial distribution systems with rated voltages up to 240/400 V and currents up to 63 A. Available with B, C and D tripping curves for resistive, general-purpose and high-inrush loads. Offered in 1P, 2P, 3P and 4P configurations for lighting, socket, control and equipment circuits. Designed for DIN-rail installation in distribution boards, consumer units and control panels.

Product Features

- IEC/EN 60898-1 compliant with 6 kA breaking capacity.
- Available from 1 A to 63 A with B, C and D tripping curves.
- Compact 18 mm modular design with a clear contact-position indicator.
- Supports top or bottom power entry and optional auxiliary accessories.

Ordering Code

MODEL CONFIGURATION REFERENCE

VO	B	3	60	C	63A	4P
↓	↓	↓	↓	↓	↓	↓
Enterprise Identification	MCB	Design Serial Number	Shell frame current	Tripping Curve	Rated Current	Number of Poles
VO	Miniature Circuit Breaker	3	60	B,C,D	1 A, 2 A, 3 A, 4 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A	1P / 2P / 3P / 4P

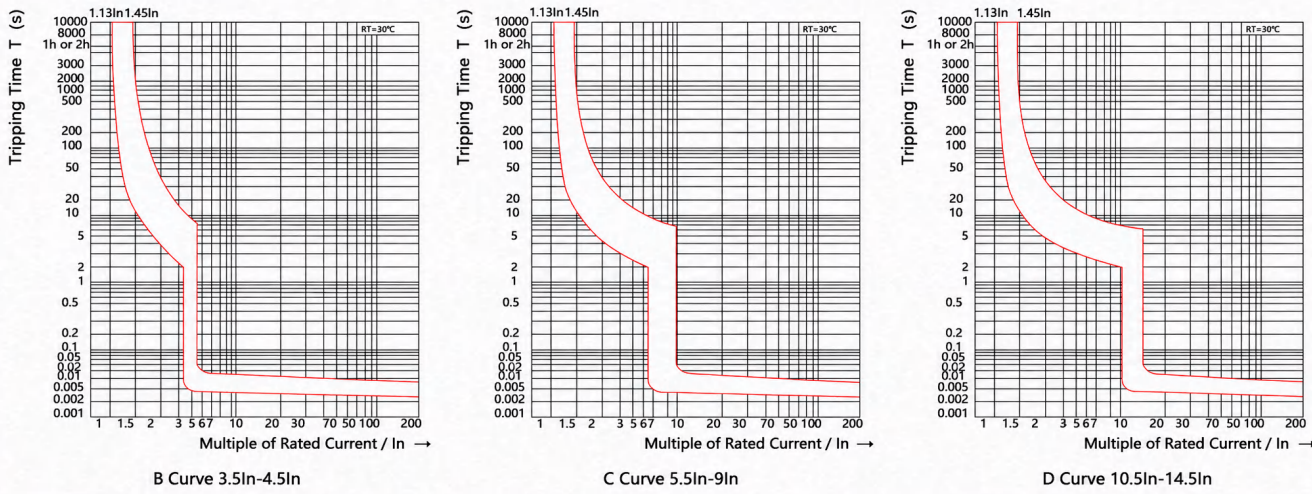
Technical Specifications

Project	Parameter
Rated frame current	63 A
Compliant standards	GB/T 10963.1, IEC 60898-1
Rated insulation voltage (Ui)	500 V
Rated impulse withstand voltage (Uimp)	4 kV
Rated current	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A
Rated voltage	240/400 V (1P, 2P); 400 V (2P, 3P, 4P)
Rated frequency	50/60 Hz
Tripping curve	B (3-5 In), C (5-10 In), D (10-20 In)
Number of poles	1P, 2P, 3P, 4P
Unipolar width	18 mm
Rated short-circuit breaking capacity	6 kA
Dielectric strength test voltage (1 min)	2 kV
Reference temperature	30 °C
Mechanical life	20,000 operations
Electrical life	4,000 operations
Degree of protection	IP20
Wiring capacity	25 mm²
Incoming method	Top or bottom power entry

Technical Specifications

Rated Current (A)	Agreed Non-Tripping Time at 1.13 In (Cold State), h	Agreed Tripping Time at 1.45 In (Hot State), h	Instantaneous Tripping Characteristics
In ≤ 63	1	1	B (3-5 In), C (5-10 In), D (10-20 In)
In > 63	2	2	

Characteristic Curve



Dimensional Drawing

