

Miniature Circuit Breaker DPN 18mm 2-Pole

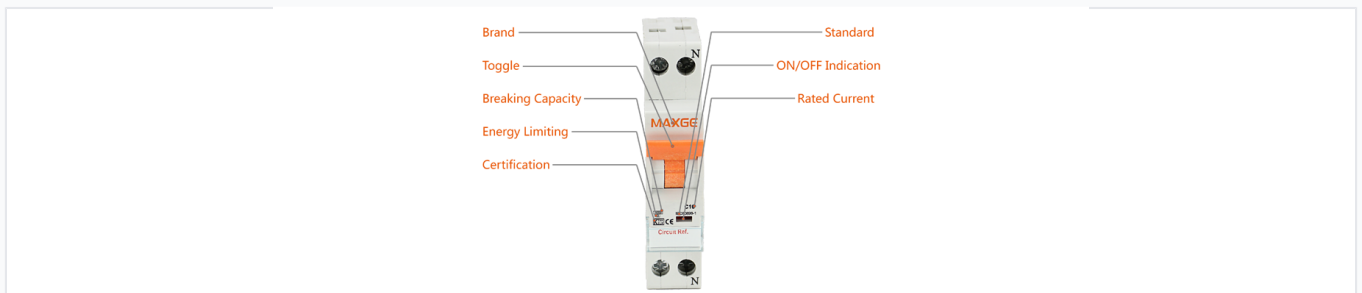
This DPN miniature circuit breaker features a compact structure with two poles in an 18mm width. It is suitable for installation in homes and shopping malls, utilizing a 35mm rail card type.



ADDITIONAL IMAGES



Overview



Overview of operational features including toggle and status indication.

Compact Circuit Protection

This DPN miniature circuit breaker provides reliable overload and short-circuit protection in a space-saving 18mm width design. It features a thermal-electromagnetic tripping mechanism and a four-link quick-acting system for enhanced safety. Designed for 35mm DIN rail installation, it is an ideal solution for residential and commercial electrical distribution boards.

Electrical Ratings

Key Electrical Metrics

240 V

Rated Voltage

250 V

Rated Insulation Voltage

4000 V

Impulse Withstand Voltage

Rated Current (In)

1A, 2A, 4A, 6A, 10A, 16A, 20A, 25A, 32A

Technical Specifications

Standard	EN/IEC60898-1	Type of terminal	Pin type
Breaking capacity	3kA, 4.5kA, 6kA	Terminal capacity	1-10mm ² wire
Protection	Overload and short circuit	protection degree	IP 20
Rated insulation voltage Ui	250V	Installation	Mounting on 35mm DIN rail
Rated impulse withstand voltage Uimp	4000V	Width	17.8mm per pole
Rated current In	1, 2, 4, 6, 10, 16, 20, 25, 32A	Electrical endurance	4000
Rated voltage	240V	Mechanical endurance	10000
Characteristic	B, C Curve	Altitude	≤2000m
Number of poles	1P+N	Relative humidity	+20°C, ≤95%, +40°C, ≤50%
Type of trip	Pin type		

Summary of technical specifications and operating conditions.

Breaking Capacity

3kA • 4.5kA • 6kA

Endurance

Type	Cycles
Electrical	4000
Mechanical	10000

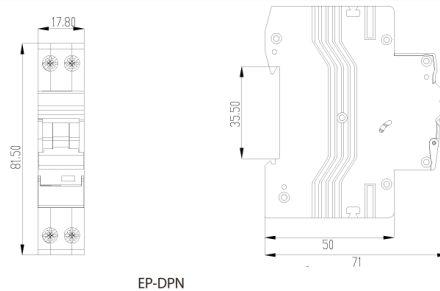
Configuration

1P+N

Trip Characteristics

B Curve, C Curve

Installation & Environment



Detailed dimensions for installation planning.

Physical Dimensions

- Height: 81.50mm
- Width: 17.80mm per pole
- Depth: 71mm
- Mounting Base: 50mm

Terminal Capacity

1-10mm² wire (Pin type)

Protection Degree

IP20

Compliance

Standards & Certifications

EN/IEC60898-1, VDE, KEMA EUR, EAC, TÜV Rheinland, CE