

Eaton PL6-B10/1 circuit breaker, 10 A

Product codes:

Reference: AM9475

EAN13: 4015082865191

UPC: 85044090

Product features:

Current: 10 A

Rated voltage: 230 V AC

Waterproof grade: IP20

Construction: DIN

Operating temperature: -25°C - +75°C



Product attributes:

Product description:

The Eaton xPole PL6-B10/1 single-pole modular circuit breaker is designed for overcurrent protection of electrical circuits in installation distribution. It serves to protect lines and connected devices against overload and short circuit. The design for mounting on a device rail and single-pole arrangement is suitable for common distribution applications in residential and commercial installations.

Technical specifications

- Model: Eaton PL6-B10/1
 - Product type: MCB circuit breaker
 - Number of poles: 1
 - Number of phases: 1
 - Rated current: 10 A
 - Trip characteristic: B
 - Breaking capacity: 6 kA
 - Rated voltage: 230/400 V AC
 - Rated DC voltage: 48 V DC
 - Degree of protection: IP20
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- Module width: 1
- Type of connecting contacts: fork
- Mounting: on the instrument panel
- Cross-section of the connected wire: 1 to 25 mm²
- Weight: 0.12 kg
- Standard: IEC/EN 60898-1
- Manufacturer code: PL6-B10/1
- EAN: 4015082865191

Functions and features

- Overcurrent protection against overload and short circuit.
- Characteristic B for circuits with lower starting currents.
- Single-pole design for protecting single-phase circuits.
- Modular design for installation in a control cabinet.
- Optical signaling of contact position.
- On-off indication on the control lever.
- Compatibility with terminal strips of the corresponding type.

Ideal for

- Home electrical wiring.
- Protection of lighting circuits.
- Socket circuit protection.
- Installation cabinets in residential and commercial buildings.

Package contents

- 1x Eaton xPole PL6-B10/1 circuit breaker

Why choose this product?

- Clearly defined parameters for circuit protection 10 A with characteristic B.
- Breaking capacity 6 kA for installation use.
- Compact single-pole design with a width of 1 module.
- DIN rail mounting makes installation in standard distribution cabinets easy.
- Compliance with IEC/EN 60898-1.

Installation and operating instructions

- Install in a suitable distribution board on a panel rail.
 - The connection of the wires must correspond to the specified cross-section and must be carried out by correctly tightening the terminals.
 - Before commissioning, it is necessary to verify the correct dimensioning of the circuit breaker for the protected circuit.
 - The product is intended for fixed installation.
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Safety notice

- The product operates at 230/400 V AC. Improper handling may result in electric shock.
- Installation, replacement and connection may only be carried out by a person with appropriate electrical qualifications.
- Always disconnect power and verify that the device is de-energized before installation or removal.
- Incorrect wiring or inappropriate sizing can lead to overheating, protection failure or damage to the installation.
- Use the product only in installations that comply with its electrical parameters and IP20 protection.

Product gallery:

