

Miniature Circuit Breaker, 1P+N, 6kA

This miniature circuit breaker has a 1P+N double breaking point and a high breaking capacity up to 6kA. It utilizes PA66 nylon in its shell and function keys for flame retardance and impact resistance.



Product Overview

High-Performance Protection

This 1P+N miniature circuit breaker is engineered for reliable electrical network protection, automatically isolating circuits during overload or fault conditions. Constructed with a high-grade PA66 nonflammable shell and reinforced with Q195 zinc-coated steel, it offers superior durability and fire resistance. The design features an innovative arc chamber with magnetic blow-out technology to ensure efficient heat flow and enhanced breaking capacity.

Technical Specifications

Configuration	1P+N
Breaking Capacity	6 kA
Module Width	18 mm

Construction & Materials

Internal Components

- Q195 steel arc chamber with Zn coating
- Terminal PH joinery with 24 HRC hardness
- 6 aluminum rivets for joint reinforcement

Shell Material	PA66 Nylon (Flame Retardant)
----------------	------------------------------

Safety & Features

Safety Indicators

Contact Position Window • Error-Protected Terminals

Protection Functions	Overload Protection, Short Circuit Protection, Leakage Protection
Arc Extinguishing	Magnetic blow-out type