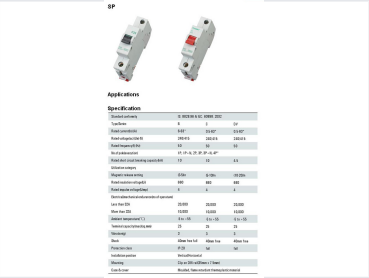
MERHEIN
Technical Datasheet

17 April 2026

Miniature Circuit Breakers

These miniature circuit breakers (MCBs) conform to IS: 8828:96 & IEC: 60898: 2002 standards. The breakers are available in multiple pole configurations and offer short circuit breaking capacity up to 10kA.



Overview

High-Performance Miniature Circuit Breakers

These professional-grade miniature circuit breakers are engineered for reliability and safety in electrical distribution systems. Conforming to international IS: 8828:96 and IEC: 60898: 2002 standards, they offer robust protection for diverse industrial and commercial applications. With multiple pole configurations and customizable trip curves, these units provide flexible installation options on standard 35mm DIN rails.

Electrical Ratings

Rated Voltage (Ue)

240 V	415 V
AC Phase-Neutral	AC Phase-Phase

Rated Current (In)	0.5 - 63 A

Performance Specifications

Breaking Capacity

Type	Capacity (kA)
Type B	10
Type C	10
Type D#	4.5

Magnetic Release Settings

- Type B: (3-5)In
- Type C: (5-10)In
- Type D#: (10-20)In

Technical Standards & Compliance

Standard Conformity	IS: 8828:96, IEC: 60898:2002

Physical & Environmental

Pole Configurations

1P • 1P+N • 2P • 3P • 3P+N • 4P

Operating Temperature Range	-5 to +55 degrees Celsius
IP Rating	IP-20