

DC Miniature Circuit Breaker for 5G Communication

This miniature circuit breaker is designed for DC power systems used in 5G communication equipment. It operates at DC 48V and DC 220V, providing reliable overcurrent protection.



ADDITIONAL IMAGES



Product Overview

Intelligent Protection for 5G Infrastructure

The SCB8ZN-80 series is an intelligent miniature circuit breaker specifically engineered for modern communication equipment and 5G power distribution networks. It provides reliable overcurrent protection for lines operating at DC 48V or AC 220V, ensuring equipment safety by cutting off fault currents effectively. With integrated IoT communication technology, this device supports remote operation, including remote control, telemetry, and pre-alarm fault notifications.

Technical Specifications

Breaking Capacity

6000 A

Breaking Capacity

Rated Working Voltage	DC 48V, AC 220V
Tripping Characteristic	C80
Control Power Input	48 V DC

Compliance & Standards

Compliance Standards

IEC 60898-3 • GB/T 10963.3 • CE

Features & Functionality

Intelligent Capabilities

- Remote Control
- Remote Signal
- Remote Adjustment
- Telemetry
- Pre-alarm
- Fault Alarm
- Trip Notification

Manual Operation

Yes