

Article Overview

The ABB S203 series are compact, modular miniature circuit breakers (MCBs) designed for residential, commercial, and industrial applications, offering rated currents up to 63A and breaking capacities up to 6 kA.

Overview

The S203 series is part of ABB's S200 product range, designed to protect electrical circuits from overload and short-circuit conditions. These devices are suitable for residential, commercial, and industrial installations and comply with international standards including IEC/EN 60898-1, IEC/EN 60947-2, and UL1077 .

Key Features

- o Rated Currents: Up to 63A depending on the model .
- o Breaking Capacity: Up to 6 kA at 230/400 V AC .
- o Pole Configurations: Available in 1P, 1P+N, 2P, 3P, 3P+N, and 4P .
- o Tripping Mechanisms:
 - o Thermal delayed tripping for overload protection
 - o Electromechanical tripping for short-circuit protection
- o Characteristics: B, C, D, K, Z curves for different load types .
- o Connection Terminals: Patented pressure plate design for safe and easy wiring; supports conductor cross-sections up to 35 mm² .
- o Auxiliary Contacts: Bottom-fitting auxiliary contacts can be mounted to save space .
- o Compliance: Meets DIN VDE 0100-430, DIN VDE 0100-530, and other international standards .

Model Variants

- o S203-B63: B-curve, rated up to 63A, suitable for general-purpose protection .
- o S203-D2: D-curve, 2A, designed for circuits with high inrush currents; datasheet available for detailed electrical and mechanical specifications .
- o S203-C8: C-curve, 8A, 3-pole, ideal for moderate inductive loads .
- o S203-C100: C-curve, 100A, 3-pole, for higher current applications .

Applications

The S203 series is widely used in:



S203 Distribution Box Model and Specifications

- o Residential buildings for lighting and socket circuits
- o Commercial installations for small equipment and machinery
- o Industrial setups for motor protection and distribution panels

Accessories and Installation

- o Compatible with System pro M compact accessories for enhanced functionality
- o Can be integrated into modular distribution boards
- o Each device undergoes three intensive quality and performance tests before delivery The ABB S203 series provides a reliable, space-saving, and versatile solution for circuit protection, with multiple models and configurations to suit a wide range of electrical installations.

S203CT-C10 Miniature Circuit Breaker C-char.,3kA, 10A, 3P 2M

Tech specs and performance summary for the 2000-2008 Mercedes C-Class.

Small Equipment (No External Dimension More Than 50 cm)

overload protection and the electromechanic tripping mechanism for short circuit two different tripping mechanisms, the delayed

S203-C2 Miniature Circuit Breaker - 3P - C - 2 A 4016779523448 2CDS253001R0024 S203-C2 Circular Value EcoSolutions Profile

Explosion-proof lighting distribution boxes and cabinets come in a variety of models. They vary in terms of materials,

System pro M compact S200 miniature circuit breakers are current limiting. They have two different tripping

User Manual IMPORTANT READ CAREFULLY BEFORE USE READ USER MANUAL FOR OPTIONAL PRODUCTS IF

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Catalog Description 4016779916288 EAN 2CDS253001R0824 S203-C100 Product ID Extended Product Type General Information

Type Unit Of Qty Measure Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & amp;

S203 Distribution Box Model and Specifications

System pro M compact S200 miniature circuit breakers are current limiting. They have two different tripping mechanisms, the

S200 Series Technical Data : Standard : IEC/EN 60898-1 / IEC/EN 60947-2 Rated Voltage : 230V AC (Single

Subsection «Electrical diagrams (since 2001)» from the car repair manual «Mercedes-Benz W203» 2000-2007 years of release from

This catalog presents a range of ABB S203 miniature circuit breakers (MCBs) designed for modular DIN rail

ABB 100A 6kA C Curve 3-Pole MCB S203-C100 | 2CDS253001R0824 S200 Series Technical Data : Standard :

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