

INDUSTRIAL COMPONENT DATA

2CDS253001R0805 ABB Miniature Circuit Breaker S200 80-100A 3P B 80 A

Brand: ABB | Manufacturer Part Number: 2CDS253001R0805

Manufacturer	ABB
MPN / Reference	2CDS253001R0805
Catalog number	253001
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
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Product Overview

Miniature Circuit Breaker - S200 80-100A - 3P - B - 80 A

Int.aut. S203-B80 3p 80A B 6kA

Miniature Circuit Breaker - S200 80-100A - 3P - 80 A - B - (AC) 6 kA

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	ABB > Industrial > S200 80 y 100A
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Additional Product Information

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108471A1000

Technical

Dielectric Test Voltage 50 / 60 Hz - 1 min 2 kV

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (230 V AC) 10 kA

(400 V AC) 6 kA

(400 V) 6 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (400 V AC) 6 kA

Power Supply Connection Arbitrary

Contact Position Indication Red ON / Green OFF

Energy Limiting Class 3

Electrical Endurance 10000 AC cycle

Mechanical Endurance 20000 cycle
Number of Protected Poles 3
Number of Poles 3P
Tightening Torque 3 N·m
Actuator Type Toggle
Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking I / O
Actuator Material Insulation Group II, Black, Sealable
Recommended Screw Driver Pozidriv 2
Accessories Available Yes
Connecting Capacity Busbar 16/16 mm²
Conductor 2.5 ... 50 mm²
Flexible 4 ... 35 mm²
Rigid 2.5 ... 50 mm²
Stranded 2.5 ... 50 mm²
Installation Size acc. to DIN 43880 1
Terminal Type Screw Terminals
Electrical
Tripping Characteristic B
Rated Operational Voltage acc. to IEC 60898-1 400 V AC
acc. to IEC 60947-2 400 V AC
Operational Voltage Maximum (Incl. Tolerance) 440 V AC
Minimum 12 V AC
Rated Insulation Voltage (Ui) acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (Uimp) 4 kV
at 2000 m 5 kV
at Sea Level 6.2 kV
Input Voltage Type AC
Rated Current (In) 80 A
Rated Short-Circuit Capacity (AC) 6 kA
(DC) 6 kA
(230 V AC) 6 kA
(400 V AC) 6 kA
(400 V) 6 kA
Rated Conditional Short-Circuit Current (Inc) (230 V) 10 kA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CDS253001R0805 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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