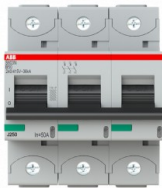


INDUSTRIAL COMPONENT DATA

2CCS893001R0505 ABB S803N-B50 High Performance Circuit Breaker

Brand: ABB | Manufacturer Part Number: 2CCS893001R0505



Manufacturer	ABB
MPN / Reference	2CCS893001R0505
Catalog number	893001
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-38AC8FE3C0
Generated	2026-08-04

Product Overview

S803N-B50 High Performance Circuit Breaker

Int.aut. S803N-B50 3p 50A B 36kA

S803N-B50 High Performance MCB

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 > S800N

Additional Product Information

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108471A1082

Recyclability Rate of the Product acc. to EN45555 Design for Closing Resource Loops - Standard EN45555 - 86.29 %

ABB Site Meeting Group Waste To Landfill Target No non-hazardous waste is sent to a landfill

End Of Life Disassembling Instructions 9AKK108470A2575

Environmental Product Declaration - EPD 9AKK108470A1695

9AKK108470A1696

Technical

Type of Residual Current Standard Version

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (415 V AC) 36 kA

(440 V AC) 20 kA

(500 V AC) 10 kA

(690 V AC) 4.5 kA
(375 V DC) 20 kA
Rated Service Short-Circuit Breaking Capacity (Ics) (415 V AC) 30 kA
(440 V AC) 15 kA
(500 V AC) 8 kA
(690 V AC) 3 kA
(375 V DC) 20 kA
Contact Position Indication ON / OFF / TRIP
Energy Limiting Class 3
Electrical Endurance 6000 cycle
Mechanical Endurance 4000 cycle
Number of Protected Poles 3
Number of Poles 3P
Tightening Torque 3.5 N·m
31 in·lb
Release Type B
Actuator Marking I / O
Recommended Screw Driver Pozidriv 2
Accessories Available Yes
Remarks Connection from top and bottom
Connecting with CU only
IP40 in enclosure with cover
Cage terminal with captive screw
Connecting Capacity Flexible 0 ... 50 mm²
Rigid 0 ... 70 mm²
Terminal Type Screw Terminals
Electrical
Tripping Characteristic B
Rated Operational Voltage acc. to IEC 60898-1 400 V AC
acc. to IEC 60947-2 690 V AC
Operational Voltage Maximum 230/400 V AC
Minimum 12 V AC
Rated Insulation Voltage (Ui) acc. to IEC/EN 60664-1 690 V
Ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCS893001R0505 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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