

## INDUSTRIAL COMPONENT DATA

# 2CCS863001R0504 ABB S803S-C50 High Performance Circuit Breaker

Brand: ABB | Manufacturer Part Number: 2CCS863001R0504



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | ABB                             |
| MPN / Reference | 2CCS863001R0504                 |
| Catalog number  | 863001                          |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-7EAF4E392F                   |
| Generated       | 2026-08-04                      |

## Product Overview

S803S-C50 High Performance Circuit Breaker

Int.aut. S803S-C50 3p 50A C 50kA

S803S-C50 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 &gt; Industrial &gt; S800S

## 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) 50 kA

(440 V AC) 30 kA

(500 V AC) 15 kA

(690 V AC) 6 kA  
(375 V DC) 30 kA  
Rated Service Short-Circuit Breaking Capacity (Ics) (415 V AC) 40 kA  
(440 V AC) 22.5 kA  
(500 V AC) 11 kA  
(690 V AC) 4 kA  
(375 V DC) 30 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 C  
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 mm<sup>2</sup>  
Rigid 0 ... 70 mm<sup>2</sup>  
Terminal Type Screw Terminals  
Electrical  
Tripping Characteristic C  
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  
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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCS863001R0504 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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