

**INDUSTRIAL COMPONENT DATA**

# 2CCS881001R0577 ABB S801C-K50 High Performance Circuit Breaker

Brand: ABB | Manufacturer Part Number: 2CCS881001R0577



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | ABB                             |
| MPN / Reference | 2CCS881001R0577                 |
| Catalog number  | 881001                          |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-666DADE56B                   |
| Generated       | 2026-08-04                      |

## Product Overview

S801C-K50 High Performance Circuit Breaker

Int.aut. S801C-K50 1p 50A K 25kA

S801C-K50 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 > S800C |
|--------------|--------------------------|

## 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

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (240 V AC) 25 kA

(254 V AC) 15 kA

(125 V DC) 10 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (240 V AC) 25 kA

(254 V AC) 10 kA  
(125 V DC) 10 kA  
Contact Position Indication ON / OFF / TRIP  
Energy Limiting Class 3  
Electrical Endurance 6000 cycle  
Mechanical Endurance 4000 cycle  
Number of Protected Poles 1  
Number of Poles 1P  
Tightening Torque 3.5 N·m  
31 in·lb  
Release Type K  
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 K  
Rated Operational Voltage acc. to IEC 60898-1 230 V AC  
acc. to IEC 60947-2 240 V AC  
Operational Voltage Maximum 230/400 V AC  
Minimum 12 V AC  
Rated Insulation Voltage (Ui) acc. to IEC/EN 60664-1 500 V  
Rated Impulse Withstand Voltage (Uimp) 8 kV  
Input Voltage Type AC/DC  
Rated Current (In) 50 A  
Rated Short-Circui...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCS881001R0577 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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