

INDUSTRIAL COMPONENT DATA

2CCS883001R0577 ABB S803C-K50 High Performance Circuit Breaker

Brand: ABB | Manufacturer Part Number: 2CCS883001R0577



Manufacturer	ABB
MPN / Reference	2CCS883001R0577
Catalog number	883001
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-F742A8BADD
Generated	2026-08-04

Product Overview

S803C-K50 High Performance Circuit Breaker

Int.aut. S803C-K50 3p 50A K 25kA

S803C-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) (415 V AC) 25 kA

(440 V AC) 15 kA

(375 V DC) 10 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (415 V AC) 25 kA

(440 V AC) 10 kA
(375 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 3
Number of Poles 3P
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 mm²
Rigid 0 ... 70 mm²
Terminal Type Screw Terminals
Electrical
Tripping Characteristic K
Rated Operational Voltage acc. to IEC 60898-1 400 V AC
acc. to IEC 60947-2 415 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 / 2CCS883001R0577 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.