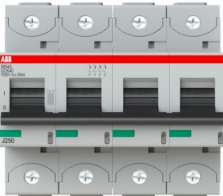


INDUSTRIAL COMPONENT DATA

2CCS864001R1577 ABB High Performance Circuit Breaker S800S Tripping characteristic K Number of poles 4 Rated..

Brand: ABB | Manufacturer Part Number: 2CCS864001R1577



Manufacturer	ABB
MPN / Reference	2CCS864001R1577
Catalog number	864001
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-8258FADC7F
Generated	2026-08-03

Product Overview

High Performance Circuit Breaker - S800S - Tripping characteristic K - Number of poles 4 - Rated operational current 50A - Rated operational voltage 1000V DC
Int.aut. S804S-UCK50 4p 50A UCK 50kA
S804S-UCK50 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 > S800S-UC

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) (1000 V DC) 50 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (1000 V DC) 50 kA

Contact Position Indication ON / OFF / TRIP

Energy Limiting Class 3

Number of Protected Poles 4

Number of Poles 4P

Release Type K

Actuator Marking I / O

Options Provided Universal current

Accessories Available Yes

Connecting Capacity Flexible 0 ... 50 mm²

Rigid 0 ... 70 mm²

Terminal Type Screw Terminals

Electrical

Tripping Characteristic UC-K

Rated Operational Voltage acc. to IEC 60947-2 1000 V DC

Rated Insulation Voltage (Ui) acc. to IEC/EN 60664-1 1500 V

Rated Impulse Withstand Voltage (Uimp) 8 kV

Input Voltage Type DC

Rated Current (In) 50 A

Frequency (f) 0...0 Hz

Rated Frequency (f) 0 Hz

Power Loss Total 17.2 W

at Rated Operating Conditions per Pole 4.3 W

Overvoltage Category III

Material Compliance

RoHS Declaration 2CCC005084D0202

RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

RoHS Date 20211214

REACH Declaration 9AKK108470A9089

REACH Informati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCS864001R1577 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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