

INDUSTRIAL COMPONENT DATA

2CCS571001R0277 ABB S401M-K2 Miniature Circuit Breaker 1 Pole K Characteristic 2A 50000 ~230/400V

Brand: ABB | Manufacturer Part Number: 2CCS571001R0277



Manufacturer	ABB
MPN / Reference	2CCS571001R0277
Catalog number	50000
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-2AFDD9E6CE
Generated	2026-08-06

Product Overview

S401M-K2 Miniature Circuit Breaker 1 Pole K Characteristic 2A 50000 ~230/400V

SMISLINE-I. Aut S401M K 2 A APR

Miniature Circuit Breaker - S400 - 1P - 2 A - K - (230 V) 10 kA

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 > SMISLINE

Additional Product Information

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108469A7869

Recyclability Rate of the Product acc. to EN45555 Design for Closing Resource Loops - Standard EN45555 - 92.73 %

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

Sustainable Material Content in Packaging (wt. %) Recycled Cardboard - 18.12 %

Recycled Cardboard - 67.66 %

Chemically Recycled Polymer - 0 %

Extended Product Lifetime Product Durability

End Of Life Disassembling Instructions 9AKK108469A6908

Environmental Product Declaration - EPD 9AKK108469A5735

Technical

Rated Operational Current (Ie) 2 A

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (230 V) 25 kA
(400 V) 25 kA
Rated Short-Circuit Making Capacity (Icm) (240 V AC) 52.5 kA
(254 V AC) 30 kA
Rated Service Short-Circuit Breaking Capacity (Ics) (240 V AC) 15 kA
(254 V AC) 7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (Ics) 50 %
Power Supply Connection Arbitrary
Contact Position Indication Red ON / Green OFF
Energy Limiting Class 3
Electrical Endurance 10000 cycle
Mechanical Endurance 10000 cycle
Number of Protected Poles 1
Number of Poles 1P
Tightening Torque 2.8 N·m
Release Type K
Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking I / O
Recommended Screw Driver Pozidriv 2
Accessories Available Yes
Connecting Capacity Flexible 0.75 ... 25 mm²
Rigid 0.75 ... 35 mm²
Terminal Type Screw Terminals
Electrical
Tripping Characteristic K
Rated Operational....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCS571001R0277 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.