

INDUSTRIAL COMPONENT DATA

2CCG001289R0001 ABB Int. aut. S803P-K100-R 3p 100A K 50kA

Brand: ABB | Manufacturer Part Number: 2CCG001289R0001



Manufacturer	ABB
MPN / Reference	2CCG001289R0001
Catalog number	2CCG001289R0001
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-7B31101246
Generated	2026-08-05

Product Overview

Int. aut. S803P-K100-R 3p 100A K 50kA

S803P-K100-R High Performance Circuit Breaker with ring tongue terminal. K Characteristic. 50kA, 100A, 3P

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

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) 50 kA

(440 V AC) 30 kA

(500 V AC) 10 kA

(690 V AC) 4.5 kA

(375 V DC) 30 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (240 / 415 V AC) 40 kA

Contact Position Indication ON / OFF / TRIP

Energy Limiting Class 3

Number of Protected Poles 3

Number of Poles 3P

Tightening Torque 3.5 N·m

Release Type K

Actuator Marking I / O

Recommended Screw Driver Pozidriv 2

Accessories Available Yes

Connecting Capacity Flexible 1...50 mm²

Rigid 1...70 mm²

Wire Stripping Length 19 mm

Electrical

Tripping Characteristic K

Rated Operational Voltage acc. to IEC 60898-1 400 V AC

acc. to IEC 60947-2 690 V AC

Rated Insulation Voltage (Ui) acc. to IEC/EN 60664-1 690 V

Rated Impulse Withstand Voltage (Uimp) 6 kV

Input Voltage Type AC/DC

Rated Current (In) 100 A

Rated Short-Circuit Capacity (400 V AC) 15 kA

Frequency (f) 50/60 Hz

Rated Frequency (f) 50/60 Hz

Power Loss Total 24 W

at Rated Operating Conditions per Pole 8 W

Overvoltage Category III

Material Compliance

RoHS Declaration 9AKK108468A0836

RoHS Information Following...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CCG001289R0001 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.