

## INDUSTRIAL COMPONENT DATA

# S803S-UCK125 2CCS863001R1647 ABB High Performance Circuit Breaker S800S Tripping characteristic K Number of ..

Brand: ABB | Manufacturer Part Number: S803S-UCK125



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | ABB                             |
| MPN / Reference | S803S-UCK125                    |
| Catalog number  | 2CCS863001R1647                 |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-92456E7202                   |
| Generated       | 2026-08-03                      |

## Product Overview

High Performance Circuit Breaker - S800S - Tripping characteristic K - Number of poles 3 - Rated operational current 125A  
- Rated operational voltage 750V DC  
Int.aut. S803S-UCK125 3p 125A UCK 50kA  
S803S-UCK125 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

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (750 V DC) 50 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (750 V DC) 20 kA

Contact Position Indication ON / OFF / TRIP

Energy Limiting Class 3  
Number of Protected Poles 3  
Number of Poles 3P  
Release Type K  
Actuator Marking I / O  
Accessories Available Yes  
Connecting Capacity Flexible 1 ... 50 mm<sup>2</sup>  
Rigid 1 ... 70 mm<sup>2</sup>  
Terminal Type Screw Terminals  
Electrical  
Tripping Characteristic UC-K  
Rated Operational Voltage acc. to IEC 60947-2 750 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) 125 A  
Rated Conditional Short-Circuit Current (Inc) (230 V) 50 kA  
(400 V) 50 kA  
Rated Frequency (f) 0 Hz  
Power Loss Total 28.2 W  
at Rated Operating Conditions per Pole 9.4 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 Information False - does not cont...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / S803S-UCK125 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

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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