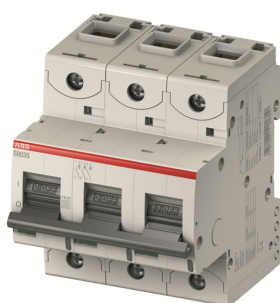


PRODUCT-DETAILS

# S803S-UCB1

## S803S-UCB1 High Performance MCB



### General Information

Extended Product Type	S803S-UCB1
Product ID	2CCF030041R0001
EAN	7612271502720
Catalog Description	S803S-UCB1 High Performance MCB
Long Description	S803S-UCB1 3 Poles UC-B Characteristic 1A 50 kA 750 VDC High Performance Circuit Breaker HPCB

### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-B
Rated Voltage ( $U_r$ )	acc. to IEC 60947-2 750 V DC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Input Voltage Type	DC
Rated Current ( $I_n$ )	1 A
Rated Operational Current ( $I_e$ )	1 A
Rated Ultimate Short-	(750 V DC) 50 kA

Circuit Breaking Capacity ( $I_{cu}$ )	
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(750 V DC) 50 kA
Rated Frequency (f)	0 Hz
Power Loss	4.8 W at Rated Operating Conditions per Pole 1.6 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
Tightening Torque	3.5 N·m
Actuator Marking	I / O
Housing Material	Insulation group I, RAL 7035
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any
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 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>
Terminal Type	Screw Terminals

## Environmental

Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations acc. to IEC 60068-2-6	7 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK107680A3903 2CCC005084D0202
Environmental Information	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	4.5
Product Net Width	81 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	735 g
Built-In Depth ( $t_2$ )	82.5 mm

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## Ordering

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Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	775 g

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## Certificates and Declarations

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Declaration of Conformity - CE	2CCC005084D0202
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## Installation

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Instructions and Manuals	2CCC413016M0008
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## Popular Downloads

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Data Sheet, Technical Information	2CCC413003C0208
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## Classifications

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ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Object Classification Code	F

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs

