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 PRODUCT-DETAILS

# S802S-UCB4

## High Performance MCB




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**General Information**

Extended Product Type	S802S-UCB4
Product ID	2CCF019995R0001
EAN	7612271500610
Catalog Description	High Performance MCB
Long Description	S802S-UCB4 2 Poles UC-B Characteristic 4A 50 kA 500 VDC High Performance Circuit Breaker HPCB

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**Technical**

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-B
Rated Operational Voltage	acc. to IEC 60947-2 500 V DC
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 1500 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Input Voltage Type	DC

Rated Current (I <sub>n</sub> )	4 A
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(500 V DC) 50 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(500 V DC) 50 kA
Rated Frequency (f)	0 Hz
Power Loss	4 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	2
Number of Poles	2
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

## Material Compliance

RoHS Information	9AKK107680A3903 2CCC005084D0202
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
REACH Declaration	9AKK108468A3036
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20200527
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations	1 mm 7 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
Environmental Information	2CCY413207D0203

## Dimensions

Width in Number of Modular Spacings	3
Product Net Width	54 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	0.49 kg
Built-In Depth (t <sub>2</sub> )	82.5 mm

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	510 g

## Certificates and Declarations

CB Certificate	2CCC413025D0202
CCC Certificate	CQC2007010307251328
Declaration of Conformity - CE	2CCC005084D0202
ESTI Certificate	S800 GOST
UL Certificate	9AKK107680A2286
VDE Certificate	2CCC413040D0601

## Installation

Instructions and Manuals	2CCC413016M0008
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## Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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## Classifications

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

