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 PRODUCT-DETAILS

# S802S-UCK50

## S802S-UCK50 High Performance MCB




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### General Information

Extended Product Type	S802S-UCK50
Product ID	2CCS862001R1577
EAN	7612271203511
Catalog Description	S802S-UCK50 High Performance MCB
Long Description	S802S-UCK50 High Performance Miniature Circuit Breaker 2 Poles K Characteristic 50A 50kA 250VDC

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### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-K
Type of Residual Current	Standard Version
Rated Operational Voltage	acc. to IEC 60947-2 500 V DC
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 ( $I_n$ )	50 A
Rated Ultimate Short-	(500 V DC) 50 kA

Circuit Breaking Capacity ( $I_{cu}$ )	
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(500 V DC) 50 kA
Frequency (f)	50...60 Hz
Rated Frequency (f)	0 Hz
Power Loss	8.6 W at Rated Operating Conditions per Pole 4.3 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	2
Number of Poles	2
Overvoltage Category	III
Release Type	K
Actuator Marking	I / O
Accessories Available	Yes
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	9AKK108469A6125
REACH Information	No data - If REACH inform is not yet available for a certain product
REACH Date	20190320
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
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	490 g
Size	2 modules
Built-In Depth ( $t_2$ )	82.5 mm
Dimension Diagram	2CCC413003C0201

## 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

## 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

## Categories

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

