



PRODUCT-DETAILS

# S801S-UCB125

## S801S-UCB125 High Performance MCB



General Information	
Extended Product Type	S801S-UCB125
Product ID	2CCS861001R1845
EAN	7612271202958
Catalog Description	S801S-UCB125 High Performance MCB
Long Description	S801S-UCB125 High Performance Miniature Circuit Breaker 1 Pole B Characteristic 125A 50kA 250VDC

Technical	
Standards	IEC/EN 60947-2
Tripping Characteristic	UC-B
Type of Residual Current	Standard Version
Rated Voltage (U <sub>r</sub> )	acc. to IEC 60947-2 250 V DC
Rated Operational Voltage	acc. to IEC 60898-1 230 V
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

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Input Voltage Type	DC
Rated Current (I <sub>n</sub> )	125 A
Rated Operational Current (I <sub>e</sub> )	125 A
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(250 V DC) 50 kA (230 V) 50 kA (400 V) 50 kA
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	(230 V) 50 kA (400 V) 50 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(250 V DC) 50 kA
Rated Frequency (f)	0 Hz
Power Loss	9.4 W at Rated Operating Conditions per Pole 9.4 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1
Overvoltage Category	III
Release Type	B
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
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27 mm
Product Net Height	95 mm

Product Net Depth / Length	82.5 mm
Product Net Weight	245 g
Size	1 module
Built-In Depth (t <sub>2</sub> )	82.5 mm
Dimension Diagram	2CCC413003C0201

### Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	270 g

### Certificates and Declarations

Declaration of Conformity - CE	2CCC005084D0202
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### Installation

Instructions and Manuals	2CCC413016M0008
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### Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
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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

### Categories

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

