

PRODUCT-DETAILS

# S801S-UCK125

## S801S-UCK125 High Performance MCB



### General Information

Extended Product Type	S801S-UCK125
Product ID	2CCS861001R1647
EAN	7612271203436
Catalog Description	S801S-UCK125 High Performance MCB
Long Description	S801S-UCK125 High Performance Miniature Circuit Breaker 1 Pole K Characteristic 125A 36kA 250VDC

### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-K
Type of Residual Current	standard version
Rated Voltage ( $U_r$ )	acc. to IEC 60947-2 250 V DC
Rated Operational Voltage	acc. to IEC 60947-2 250 V DC
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Input Voltage Type	DC
Rated Current ( $I_n$ )	125 A
Rated Operational Current ( $I_e$ )	125 A
Rated Ultimate Short-	(250 V DC) 50 kA

Circuit Breaking Capacity ( $I_{cu}$ )	(230 V) 50 kA (400 V) 50 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 50 kA (400 V) 50 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(250 V DC) 50 kA
Power Loss	9.4 W at Rated Operating Conditions per Pole
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	1
Number of Protected Poles	1
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

## Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25...60 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
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
Product Net Length	27 mm
Size	1 module
Built-In Depth ( $t_2$ )	82.5 mm

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	33 mm
Package Level 1 Gross Weight	270 g
Package Level 1 EAN	7612271203436

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362090
Country of Origin	Switzerland (CH)

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005084D0202
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	9AKK107680A3903 2CCC005084D0202

## Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008
Dimension Diagram	2CCC413003C0201

## Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
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

