

PRODUCT-DETAILS

# S801S-UCK40-R

## S801S-UCK40-R High Performance MCB



### General Information

Extended Product Type	S801S-UCK40-R
Product ID	2CCS861002R1557
EAN	7612271208660
Catalog Description	S801S-UCK40-R High Performance MCB
Long Description	S801S-UCK40-R 1 Pole UCB Characteristic 40A 50kA 250VDC Ringlug

### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-K
Rated Voltage ( $U_r$ )	acc. to IEC 60947-2 250 V DC
Rated Operational Voltage	acc. to IEC 60898-1 230 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 ( $I_n$ )	40 A
Rated Operational Current	40 A

( $I_e$ )	
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(250 V DC) 50 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 50 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(250 V DC) 50 kA
Rated Frequency (f)	0 Hz
Power Loss	3.7 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
Options Provided	Ringlug terminal
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
RoHS Information	9AKK107680A3903 2CCC005084D0202
Environmental Information	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27 mm
Product Net Height	142 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

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	290 g

---

## Certificates and Declarations

Declaration of Conformity - CE	2CCC005084D0202
--------------------------------	-----------------

---

## Installation

Instructions and Manuals	2CCC413016M0008
--------------------------	-----------------

---

## Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
-----------------------------------	-----------------

---

## 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

