



PRODUCT-DETAILS

S802S-UCK16

S802S-UCK16 High Performance MCB



General Information	
Extended Product Type	S802S-UCK16
Product ID	2CCS862001R1467
EAN	7612271203467
Catalog Description	S802S-UCK16 High Performance MCB
Long Description	S802S-UCK16 High Performance Miniature Circuit Breaker 2 Poles K Characteristic 16A 50kA 250VDC

Technical	
Standards	IEC/EN 60947-2
Tripping Characteristic	UC-K
Type of Residual Current	Standard Version
Rated Voltage (U _r)	acc. to IEC 60947-2 500 V DC
Rated Operational Voltage	acc. to IEC 60898-1 400 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
	16 A

Rated Current (I _n)	
Rated Operational Current (I _e)	16 A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(500 V DC) 50 kA
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	6.2 W at Rated Operating Conditions per Pole 3.1 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 mm² Rigid 0 ... 70 mm²
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	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	
Declaration of Conformity - CE	2CCC005084D0202

Installation	
Instructions and Manuals	2CCC413016M0008

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	

