PRODUCT-DETAILS

S803S-UCK100

S803S-UCK100 High Performance MCB



General Information

Extended Product Type	S803S-UCK100
Product ID	2CCS863001R1637
EAN	7612271203665
Catalog Description	S803S-UCK100 High Performance MCB
Long Description	S803S-UCK100 High Performance Miniature Circuit Breaker 3 Poles K Characteristic 100A 50kA 250VDC

Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-K
Type of Residual Current	Standard Version
Rated Operational Voltage	acc. to IEC 60947-2 750 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)	100 A
Rated Ultimate Short-	(750 V DC) 50 kA

© 2024 ABB. All rights reserved.

Circuit Breaking Capacity (I_{cu})	
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 50 kA (400 V) 50 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(750 V DC) 50 kA
Frequency (f)	0...0 Hz
Rated Frequency (f)	0 Hz
Power Loss	24.9 W at Rated Operating Conditions per Pole 8.3 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3
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
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	4.5
Product Net Width	81 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	735 g
Size	3 modules
Built-In Depth (t_2)	82.5 mm
Dimension Diagram	2CCC413003C0201

© 2024 ABB. All rights reserved.

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	770 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

Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

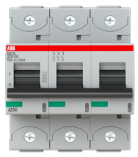
Classifications

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

© 2024 ABB. All rights reserved.





© 2024 ABB. All rights reserved.