PRODUCT-DETAILS

S803S-UCB10

S803S-UCB10 High Performance MCB



General Information

Extended Product Type	S803S-UCB10
Product ID	2CCS863001R1105
EAN	7612271203085
Catalog Description	S803S-UCB10 High Performance MCB
Long Description	S803S-UCB10 High Performance Miniature Circuit Breaker 3 Poles B Characteristic 10A 50kA 250VDC

Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	UC-B
Type of Residual Current	Standard Version
Rated Voltage (U_r)	acc. to IEC 60947-2 750 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

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Input Voltage Type	DC
Rated Current (I_n)	10 A
Rated Operational Current (I_e)	10 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(750 V DC) 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	4.5 W at Rated Operating Conditions per Pole 1.5 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	B
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	4.5
Product Net Width	81 mm
Product Net Height	95 mm
Product Net Depth /	82.5 mm

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Length	
Product Net Weight	735 g
Size	3 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	770 g

Certificates and Declarations

Declaration of Conformity - CE	2CCC005084D0202

Installation

Instructions and Manuals	2CCC413016M0008

Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

Classifications

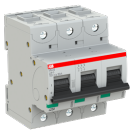
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Object Classification Code	F

Categories

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





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