PRODUCT-DETAILS

S803P-B100

S803P-B100 High Performance MCB



General Information

Extended Product Type	S803P-B100
Product ID	2CCG001221R0001
EAN	7612271516901
Catalog Description	S803P-B100 High Performance MCB
Long Description	S803P-B100 High Performance Circuit Breaker. B characteristic. 50kA, 100A, 3P

Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	B
Rated Voltage (U_r)	AccTolec609472 690 V AC AccTolec609472 375 V DC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U_{imp})	6 kV

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Input Voltage Type	AC/DC
Rated Current (I_n)	100 A
Rated Short-Circuit Capacity	(230 V) 15 kA (400 V) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(415 V) 50 kA (690 V) 4.5 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 / 415 V AC) 40 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	at Rated Operating Conditions per Pole 8 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3
Overvoltage Category	III
Tightening Torque	3.5 N·m
Release Type	B
Actuator Marking	I / O
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Flexible 1...50 mm² Rigid 1...70 mm²
Wire Stripping Length	19 mm

Material Compliance

RoHS Information	9AKK108468A0842
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20230505
REACH Declaration	9AKK108468A0699
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 … 60 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	IP20
Pollution Degree	3

Dimensions

Width in Number of Modular Spacings	4.5

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Product Net Width	81.0 mm
Product Net Height	95.0 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	740 g
Built-In Depth (t_2)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	775 g
E-Number (Finland)	3217350
E-Number (Sweden)	2101415

Certificates and Declarations

CB Certificate	9AKK108468A1243
CCC Certificate	9AKK108468A8587
CEBEC Certificate	9AKK108468A1244
Declaration of Conformity - CE	9AKK108468A0836
Declaration of Conformity - UKCA	9AKK108468A0837
DNV GL Certificate	2CCC413018D0201
KC Certificate	9AKK108468A8803
LR Certificate	9AKK108468A8589
RINA Certificate	9AKK108469A1379
UL Certificate	9AKK108469A1794

Installation

Instructions and Manuals	9AKK108467A9512

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	85362090
eClass	V11.0 : 27141901
Object Classification Code	F

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Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCS800900R0011	S800-AUX	S800-AUX Auxiliary Contact	1	piece
2CCS800900R0021	S800-AUX/ALT	S800-AUX/ALT Auxiliary / Signal Contact	1	piece
2CCS800900R0201	S800-SOR12	S800-SOR12 Shunt Operation Release	1	piece
2CCS800900R0191	S800-SOR24	S800-SOR24 Shunt Operation Release	1	piece
2CCS800900R0221	S800-SOR130	S800-SOR130 Shunt Operation Release	1	piece
2CCS800900R0211	S800-SOR250	S800-SOR250 Shunt Operation Release	1	piece
2CCS800900R0231	S800-SOR400	S800-SOR400 Shunt Operation Release	1	piece
2CCS800900R0241	S800-UVR36	S800-UVR36 Undervoltage Release	1	piece
2CCS800900R0251	S800-UVR60	S800-UVR60 Undervoltage Release	1	piece
2CCS800900R0261	S800-UVR130	S800-UVR130 Undervoltage Release	1	piece
2CCS800900R0271	S800-UVR250	S800-UVR250 Undervoltage Release	1	piece
2CCS800900R0181	S800-CT2125	S800-CT2125 Cage Terminal	1	pack
2CCS800900R0151	S800-CT4125	S800-CT4125 Cage Terminal	1	pack
2CCS800900R0161	S800-RT2125	S800-RT2125 Ring Terminal Cable Connection	1	pack
2CCS800900R0131	S800-RT4125	S800-RT4125 Ring Terminal Cable Connection	1	pack
2CCS800900R0051	S800-PLL	S800-PLL Locking Device IEC	1	pack
2CCS800017R0001	S800U-PLL	S800U-PLL UL Locking Device	1	piece
2CCS800900R0031	S800-IP9	S800-IP9 Intermediate Piece	1	piece

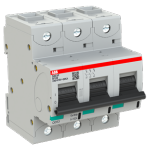
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2CCS800900R0501	S800-RSU-H	S800-RSU-H Remote Switching Unit	1	piece
2CCS800900R0041	S800-RD	S800-RD Rotary Drive	1	piece
1SDA060150R0001	S800-RHE-H	S800-RHE-H Anthracite Rotary Handle	1	piece
1SDA060151R0001	S800-RHE-EM	S800-RHE-EM Red Rotary Handle	1	piece
1SDA060179R0001	S800-RHE-S	S800-RHE-S Axial Extension	1	piece
1SDA060180R0001	S800-RHE-IP54	S800-RHE-IP54 Kit IP54	1	piece

Categories

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





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