



PRODUCT-DETAILS

S802S-K4

High Performance MCB



General Information	
Extended Product Type	S802S-K4
Product ID	2CCF019951R0001
EAN	7612271500177
Catalog Description	High Performance MCB
Long Description	S802S-K4 2 Poles K Characteristic 4A 6 kA 400/690 VAC High Performance Circuit Breaker HPCB

ABB EcoSolutions	
ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 86.29 %
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
End Of Life Disassembling Instructions	9AKK108470A2575
Environmental Product Declaration - EPD	9AKK108470A1695 9AKK108470A1696

Technical		
Tripping Characteristic		K
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 690 V AC	
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 690 V	
Rated Impulse Withstand Voltage (U _{imp})		8 kV
Input Voltage Type		AC/DC
Rated Current (I _n)		4 A
Rated Short-Circuit Capacity		(400 V AC) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})		(415 V AC) 50 kA (440 V AC) 30 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 30 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})		(415 V AC) 40 kA (440 V AC) 22.5 kA (500 V AC) 11 kA (690 V AC) 4 kA (250 V DC) 30 kA
Rated Frequency (f)		50/60 Hz
Power Loss	at Rated Operating Conditions per Pole	2 W 4 W
Contact Position Indication		ON / OFF / TRIP
Energy Limiting Class		3
Number of Protected Poles		2
Number of Poles		2P
Overvoltage Category		IV
Tightening Torque		3.5 N·m
Actuator Marking		I / O
Housing Material		Insulation group I, RAL 7035
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
Remarks	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw	
Connecting Capacity		Flexible 0 ... 50 mm ² Rigid 0 ... 70 mm ²
Terminal Type		Screw Terminals

Material Compliance

RoHS Information	9AKK107680A3903 2CCC005083D0202
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
REACH Declaration	9AKK108468A3036
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20200527

Conflict Minerals
Reporting Template
(CMRT)

9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	3
Resistance to Vibrations	1 mm 7 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
Environmental Information	2CCY413207D0203

Technical UL/CSA

Interrupting Rating acc. to UL1077	(240 V AC) 30 kA (480Y / 277 V AC) 14 kA (600Y / 347 V AC) 6 kA
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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	0.49 kg
Built-In Depth (t ₂)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	510 g
E-Number (Finland)	3211138

Certificates and Declarations

CB Certificate	9AKK107680A0857
CCC Certificate	9AKK108469A3021
Declaration of Conformity - CE	2CCC005083D0202
DNV GL Certificate	2CCC413018D0201
ESTI Certificate	2CCC413020D0101
KC Certificate	9AKK107680A0932
LR Certificate	2CCC413017D0201
UL Certificate	9AKK107680A2286
VDE Certificate	2CCC413039D0601

Installation

Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560
	9AKK108468A9561
	9AKK108468A9562

External Classifications and Standards

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
Standards	IEC/EN 60947-2 IEC/EN 60898-1 UL 1077

Categories

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

