



PRODUCT-DETAILS

S802S-K1.6

High Performance MCB



General Information	
Extended Product Type	S802S-K1.6
Product ID	2CCF019947R0001
EAN	7612271500139
Catalog Description	High Performance MCB
Long Description	S802S-K1.6 2 Poles K Characteristic 1.6A 6 kA 400/690 VAC High Performance Circuit Breaker HPCB

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

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Input Voltage Type	AC/DC
Rated Current (I _n)	1.6 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	5.8 W at Rated Operating Conditions per Pole 2.9 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	2
Number of Poles	2P
Overtoltage 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 mm² Rigid 0 ... 70 mm²
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)	3211134

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

Instructions and Manuals	2CCC413016M0008
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Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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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
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Object Classification Code	F

Categories

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

