PRODUCT-DETAILS

S802S-K4

S802S-K4 High Performance MCB

General Information

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

Technical

Standards	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Product Name	High Performance MCB
Tripping Characteristic	K
Rated Voltage (U_r)	AccTolec609472 500 V DC
Rated Operational Voltage	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 250 V DC acc. to IEC 60898-1 400 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 Operational Current (I_e)	4 A

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 / 415 V AC) 50 kA (254 / 440 V AC) 30 kA (289 / 500 V AC) 15 kA (400 / 690 V AC) 6 kA (250 V DC) 30 kA
Rated Conditional Short-Circuit Current (I_{nc})	(400 V) 50 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 / 415 V AC) 40 kA (254 / 440 V AC) 22.5 kA (289 / 500 V AC) 11 kA (400 / 690 V AC) 4 kA (250 V DC) 30 kA
Rated Frequency (f)	50...60 Hz
Power Loss	4 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	2
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	Rigid 1 ... 50 mm² Flexible 1 ... 70 mm²
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	acc. to IEC 60529 IP20
Pollution Degree	3
Environmental Conditions	Damp Heat Cyclic acc. to IEC 60068-2-30 57 + 12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96 % Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100 % Dry Heat Test B acc. to IEC 60068-2-2 16 hours @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hours @ 70 °C
Resistance to Vibrations acc. to IEC 60068-2-6	7 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x Ie
RoHS Status	Following EU Directive 2011/65/EU
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

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

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	60 mm
Package Level 1 Gross Weight	510 g
Package Level 1 EAN	7612271500177

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Finland)	3211138
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005083D0202
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	2CCC005083D0202, 9AKK107680A3903

Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	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
Object Classification Code	F

Categories

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