




---

 PRODUCT-DETAILS

# S801S-K4

## High Performance MCB




---

### General Information

Extended Product Type	S801S-K4
Product ID	2CCF019943R0001
EAN	7612271500092
Catalog Description	High Performance MCB
Long Description	S801S-K4 1 Pole 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
Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60898-1 230 V AC acc. to IEC 60947-2 400 V AC
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV

)	
Input Voltage Type	AC/DC
Rated Current (I <sub>n</sub> )	4 A
Rated Short-Circuit Capacity	(230 / 400 V AC) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(240 V AC) 50 kA (254 V AC) 30 kA (289 / 500 V AC) 15 kA (400 V AC) 6 kA (125 V DC) 30 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(240 V AC) 40 kA (254 V AC) 22.5 kA (289 / 500 V AC) 11 kA (400 V AC) 4 kA (125 V DC) 30 kA
Rated Frequency (f)	50/60 Hz
Power Loss	2 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1
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 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>
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
------------------------------------	---

## Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	0.245 kg
Built-In Depth (t <sub>2</sub> )	82.5 mm

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	270 g

## 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
--------------------------	-----------------

## 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**

---

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

