

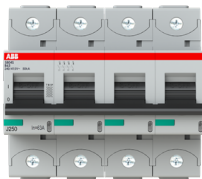



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 PRODUCT-DETAILS

# S804S-B63

## S804S-B63 High Performance MCB




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### General Information

Extended Product Type	S804S-B63
Product ID	2CCS864001R0635
EAN	7612271200442
Catalog Description	S804S-B63 High Performance MCB

Long Description	<p>The S804S-B63 is a 4-pole High Performance Circuit breaker with B-characteristic, with cage terminal and a rated current of 63 A. It is a current limiting device with a maximum breaking capacity of 50kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804S-B63 complies with IEC/EN 60898-1 and IEC/EN 60947-2 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S804S-B63 more comfortable. Due to the fast arc extinction of S804S-B63 your application will be secured.</p>
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### Technical

Standards	IEC/EN 60947-2 IEC/EN 60898-1 UL 1077
Tripping Characteristic	B
Type of Residual Current	Standard Version

Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 690 V AC
Operational Voltage	Maximum 230/400 V AC Minimum 12 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> )	63 A
Rated Short-Circuit Capacity	(400 V AC) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(415 V AC) 50 kA (440 V AC) 30 kA (500 V AC) 15 kA (690 V AC) 6 kA (500 V DC) 30 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(415 V AC) 40 kA (440 V AC) 22.5 kA (500 V AC) 11 kA (690 V AC) 4 kA (500 V DC) 30 kA
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	25.6 W at Rated Operating Conditions per Pole 6.4 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Electrical Endurance	6000 cycle
Mechanical Endurance	4000 cycle
Number of Poles	4
Number of Protected Poles	4
Oversoltage Category	IV
Tightening Torque	3.5 N·m 31 in·lb
Release Type	B
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	9AKK108469A6125
REACH Information	No data - If REACH inform is not yet available for a certain product
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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**Environmental**


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Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Degree of Protection	IP20
Pollution Degree	3
Resistance to Vibrations	1 mm 2 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
<b>Environmental Information</b>	<b>2CCY413207D0203</b>

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**Technical UL/CSA**


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Interrupting Rating acc. to UL1077	(480Y / 277 V AC) 14 kA (600Y / 347 V AC) 6 kA
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**Dimensions**


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Width in Number of Modular Spacings	6
Product Net Width	106 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	980 g
Size	4 modules
Built-In Depth (t <sub>2</sub> )	82.5 mm
<b>Dimension Diagram</b>	<b>2CCC413003C0201</b>

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**Container Information**


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Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	111 mm
Package Level 1 Gross Weight	1010 g
Package Level 1 EAN	7612271200442

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**Ordering**


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Minimum Order Quantity	1 piece
E-Number (Finland)	3212090
E-Number (Switzerland)	807025335

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**Certificates and Declarations**


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

RINA Certificate	2CCC413019D0201
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
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

