

PRODUCT-DETAILS

S804S-B40 S804S-B40 High Performance MCB



General Information	
Extended Product Type	S804S-B40
Product ID	2CCS864001R0405
EAN	7612271200428
Catalog Description	S804S-B40 High Performance MCB
Long Description	The S804S-B40 is a 4-pole High Performance Circuit breaker with B-characteristic, with cage terminal and a rated current of 40 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-B40 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-B40 more comfortable. Due to the fast arc extinction of S804S-B40 your application will be secured.

Technical	
Standards	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Tripping Characteristic	В
Type of Residual Current	standard version
Rated Voltage (U _r)	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 500 V DC acc. to IEC 60898-1 400 V AC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Operational Voltage	Maximum 230/400 V AC

Subject to change without notice

2023/09/06

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	Minimum 12 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)	40 A
Rated Operational Current (I _e)	40 A
Rated Short-Circuit Capacity	(230 V) 25 kA (400 V) 25 kA
Rated Ultimate Short- Circuit Breaking Capacity (I _{cu})	(230 V) 50 kA (400 V) 6 kA
Rated Conditional Short- Circuit Current (I _{nc})	(230 V) 50 kA (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 (400 / 690 V AC) 4 kA (125 V DC) 30 kA
Frequency (f)	50 60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	14.8 W at Rated Operating Conditions per Pole 3.7 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
Overvoltage Category	IV
Tightening Torque	3.5 N·m 31 in·lb
Release Type	В
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	Апу
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

Environmental			
Ambient Temperature		-2560 °C	
Ambient Air Temperature		Operation -25 60 °C	
Reference Ambient Air Temperature		acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C	
Degree of Protection		IP20	
Pollution Degree		3	
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Environmental Information 2CCY413207D0203 Conflict Minerals Reporting Template (MRT) SAKK108468A3363 (MRT) Technical UL/CSA Interrupting Rating acc. to UL1077 (480Y / 277 V AC) 14 k/ UL1077 (600Y / 347 V AC) 6 k/ Dimensions Width in Number of Modular Spacings Product Net Height 985 mm Product Net Height 985 mm Product Net Height 985 mm Product Net Height 980 g Size 4 modules Built-In Depth (1 ₂) 82.5 mm Dimension Diagram 2CCC413003C0201 Ordering Minimum Order Quantity 1 piece Package Level 1 Units bot 1 piece Package Level 1 Units bot 1 piece Package Level 1 Units 100 g Size 100 g Minimum Order Quantity 1 piece Package Level 1 Units 100 g Weight 22.2000 Certificates and Declarations Declaration of Conformity 2CCC005083D0202 Certificates and Declarations	Resistance to Vibrations	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
RoHS Information 9AKK107580A3002 Environmental Information 20CCV1307D0203 Conflict Minerals 9AKK108460A3363 Reporting Template 9AKK108460A3363 CMRT) (480Y/277 VAC)114 J4 Dimensions (480Y/277 VAC)14 J4 Utiform (480Y/277 VAC)14 J4 Dimensions (480Y/277 VAC)14 J4 Vidit in Number of Modular Spacings 6 Modular Spacings 6 Product Net Height 106 mm Product Net Weight 9800 Size 4 modular Built-In Depth / 82.5 mm Dimension S 9800 Code Net Weight 9800 Size 4 modular Built-In Depth /2 82.5 mm Dimension Diagram 20CC041303002021 Ordering 9800 Minimum Order Quantity 1 piece Package Level 1 Units box 1 piece Package Level 1 Units box 1 piece Package Level 1 Gross 1010 g Weight 3212086 E-Number (Fintand) 3212086 E-Number (Fintand) 3212086 E-Number (Fintand) 20CCC41300300202 Installation 1010 g Installation 20CCC413016M0002 </td <td></td> <td>Edlowing ELL Directive 2011/85/ELL</td>		Edlowing ELL Directive 2011/85/ELL
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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 \rightarrow Modular DIN Rail Products \rightarrow High Performance Circuit Breakers HPCBs \rightarrow High Performance Circuit Breakers HPCBs





