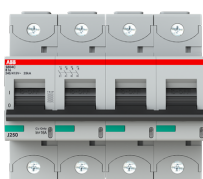


PRODUCT-DETAILS

# S804C-B16

## S804C-B16 High Performance MCB



### Algemene informatie

Type	S804C-B16
Artikelnummer	2CCS884001R0165
EAN	7612271212438
Omschrijving	S804C-B16 High Performance MCB

Omschrijving	<p>The S804C-B16 is a 4-pole High Performance Circuit breaker with B-characteristic, with cage terminal and a rated current of 16 A. It is a current limiting device with a maximum breaking capacity of 25kA at 240/415V. It can be used for voltages up to 254/440V 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 S804C-B16 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 S804C-B16 more comfortable. Due to the fast arc extinction of S804C-B16 your application will be secured.</p>
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### Technical

Normen	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Uitschakelkenmerk	B
Toegekende spanning ( $U_r$ )	acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 500 V DC acc. to IEC 60898-1 400 V AC

Nominaal bedrijfsvoltage	acc. to IEC 60898-1 400 V
Operationeel voltage	Maximum 230/400 V AC Minimum 12 V AC
Nominaal isolatievoltage ( $U_i$ )	acc. to IEC/EN 60664-1 500 V
Nominale impuls grensvoltage ( $U_{imp}$ )	8 kV
Ingangsspanningstype	AC/DC
Toegekende stroom ( $I_n$ )	16 A
Nominale bedrijfsstroom ( $I_e$ )	16 A
Nominaal kortsluitvermogen	(230 V) 15 kA (400 V) 15 kA
Nominaal ultiem kortsluitvermogen ( $I_{cu}$ )	(230 V) 25 kA (400 V) 25 kA
Nominale voorwaardelijke kortsluitstroom ( $I_{nc}$ )	(230 V) 25 kA (400 V) 25 kA
Nominaal vermogen kortsluitvermogen ( $I_{cs}$ )	(240 / 415 V AC) 18 kA (254 / 440 V AC) 10 kA (125 V DC) 10 kA
Frequentie (f)	50 / 60 Hz
Toegekende frequentie (f)	50/60 Hz
Vermogensverlies	12.4 W at Rated Operating Conditions per Pole 3.1 W
Statusindicator	ON / OFF / TRIP
Energiebeperkende klasse	3
Elektrisch uithoudingsvermogen	10000 cycle
Mechanisch uithoudingsvermogen	10000 cycle
Aantal polen	4
Aantal beveiligde polen	4
Overspanningscategorie	IV
Aanhaalmoment	3.5 N·m 31 in·lb
Uitgavetype	B
Aansturingsmarkering	I / O
Materiaal behuizing	Insulation group I, RAL 7035
Montage op 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
Plaats van inbouw	Any
Aanbevolen schroevendraaier	Pozidriv 2
Accessoires beschikbaar	Yes
Opmerkingen	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Verbindingscapaciteit	Flexible 0 ... 50 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>
Terminaltype	Schroef

## Environmental

Omgevingstemperatuur	-25...60 °C
Omgevingsluchttemperatuur	Werking -25 ... 60 °C
Referentie omgevingsluchttemperatuur	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Beschermingsgraad	IP20
Verontreinigingsgraad	3
Weerstand tegen trillingen volgens IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Schokweerstand volgens IEC 60068-2-27	5 g 30 ms
RoHS-status	Following EU Directive 2011/65/EU
RoHS-informatie	9AKK107680A3903 2CCC005083D0202
Milieu-informatie	2CCY413207D0203
Rapport over conflictmineralen (CMRT)	9AKK108468A3363

## Technical UL/CSA

Onderbrekende classificatie volgens UL1077	(480Y / 277 V AC) 10 kA (500 V DC) 10 kA
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## Dimensions

Breedte in module-eenheden	6
Product netto breedte	106 mm
Product netto hoogte	95 mm
Product netto diepte	82.5 mm
Product netto gewicht	980 g
Inbouwdiepte (t <sub>2</sub> )	82.5 mm
Dimensiediagram	2CCC413003C0201

## Ordering

Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Brutogewicht	1010 g

## Certificates and Declarations

Conformiteitsverklaring - CE	2CCC005083D0202
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## Installation

Instructies en  
handleidingen

2CCC413016M0008

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## Popular Downloads

Gegevensblad, technische  
informatie

2CCC413003C0208

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## Classifications

ETIM 8	EC000042 - Installatieautomaat
ETIM 9	EC000042 - Installatieautomaat
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)
AEEA B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Object classificatiecode	F

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## Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → High Performance Circuit Breakers HPCBs → Hoogwaardige installatieautomaten HPCB's

