PRODUCT-DETAILS

S802C-B16

S802C-B16 High Performance MCB



Algemene informatie

Type	S802C-B16
Artikelnummer	2CCS882001R0165
EAN	7612271212414
Omschrijving	S802C-B16 High Performance MCB
Omschrijving	The S802C-B16 is a 2-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 S802C-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 S802C-B16 more comfortable. Due to the fast arc extinction of S802C-B16 your application will be secured.

Technische specificaties

Normen	IEC/EN 60947-2 IEC/EN 60898-1 UL 1077
Uitschakelkenmerk	B
Nominaal bedrijfsvoltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 415 V AC

© 2024 ABB. All rights reserved.

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
Nominaal kortsluitvermogen	(400 V AC) 15 kA
Nominaal ultiem kortsluitvermogen (I_{cu})	(415 V AC) 25 kA (440 V AC) 15 kA (250 V DC) 10 kA
Nominaal vermogen kortsluitvermogen (I_{cs})	(415 V AC) 25 kA (440 V AC) 10 kA (250 V DC) 10 kA
Frequentie (f)	50 / 60 Hz
Toegekende frequentie (f)	50/60 Hz
Vermogensverlies	6.2 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 beveiligde polen	2
Aantal polen	2
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	Ja
Opmerkingen	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Verbindingscapaciteit	Flexible 0 … 50 mm² Rigid 0 … 70 mm²
Terminaltype	Schroef

Material Compliance

RoHS-informatie	9AKK107680A3903 2CCC005083D0202
RoHS-status	Following EU Directive 2011/65/EU
RoHS-datum	20170426
REACH-verklaring	9AKK108469A6125
REACH Information	No data - If REACH inform is not yet available for a certain product
REACH Date	20190320
Rapport over conflictmineralen (CMRT)	9AKK108468A3363

Milieu

Omgevingsluchttemperatu	Werking -25 ... +60 °C

© 2024 ABB. All rights reserved.

ur	Opslag -40 ... +70 °C
Referentie omgevingsluchttemperatur	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Beschermingsgraad	IP20
Verontreinigingsgraad	3
Weerstand tegen trillingen volgens IEC 60068-2-6	1 mm 2 - 13.2 Hz 0.7g with Load 100% x Ie 13.2 - 100 Hz
Schokweerstand volgens IEC 60068-2-27	5 g 30 ms
Milieu-informatie	2CCY413207D0203

Technische specificaties UL/CSA

Onderbrekende classificatie volgens UL1077	(480Y / 277 V AC) 10 kA (250 V DC) 10 kA

Afmetingen

Breedte in module-eenheden	3
Product netto breedte	54 mm
Product netto hoogte	95 mm
Product netto diepte	82.5 mm
Product netto gewicht	490 g
Inbouwdiepte (t_2)	82.5 mm
Dimensiediagram	2CCC413003C0201

Bestelinformatie

Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Brutogewicht	510 g

Certificaten en verklaringen (documentnummer)

CB-certificaat	9AKK107680A0835 2CCC413029D0202
CCC-certificaat	CQC2014010307713173
Conformiteitsverklaring - CE	2CCC005083D0202
ESTI-certificaat	2CCC413028D0101
UL-certificaat	9AKK107680A2286
VDE-certificaat	2CCC413039D0601

Installation

Instructies en handleidingen	2CCC413016M0008

Populaire downloads

Gegevensblad, technische informatie	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

© 2024 ABB. All rights reserved.

Classificatie

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

Categorieën

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





© 2024 ABB. All rights reserved.