

PRODUCT-DETAILS

# S802S-D20

## S802S-D20 High Performance MCB



### Algemene informatie

Type	S802S-D20
Artikelnummer	2CCS862001R0201
EAN	7612271201111
Omschrijving	S802S-D20 High Performance MCB

**Omschrijving**

The S802S-D20 is a 2-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 20 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 S802S-D20 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 S802S-D20 more comfortable. Due to the fast arc extinction of S802S-D20 your application will be secured.

### Technical

Normen	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Uitschakelkenmerk	D
Type reststroom	standard version
Toegekende spanning ( $U_r$ )	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 250 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 60664-1 690 V
Nominale impuls grensvoltage ( $U_{imp}$ )	8 kV
Ingangsspanningstype	AC/DC
Toegekende stroom ( $I_n$ )	20 A
Nominale bedrijfsstroom ( $I_e$ )	20 A
Nominaal kortsluitvermogen	(230 V) 25 kA (400 V) 25 kA
Nominaal ultiem kortsluitvermogen ( $I_{cu}$ )	(230 V) 50 kA (400 V) 6 kA
Nominale voorwaardelijke kortsluitstroom ( $I_{nc}$ )	(230 V) 50 kA (400 V) 50 kA
Nominaal vermogen kortsluitvermogen ( $I_{cs}$ )	(240 / 415 V AC) 40 kA (254 / 440 V AC) 22.5 kA (400 / 690 V AC) 4 kA (125 V DC) 30 kA
Frequentie (f)	50 ... 60 Hz
Toegekende frequentie (f)	50/60 Hz
Vermogensverlies	8.6 W at Rated Operating Conditions per Pole 4.3 W
Statusindicator	ON / OFF / TRIP
Energiebeperkende klasse	3
Elektrisch uithoudingsvermogen	10000 cycle
Mechanisch uithoudingsvermogen	10000 cycle
Aantal polen	2
Aantal beveiligde polen	2
Overspanningscategorie	IV
Aanhaalmoment	3.5 N·m 31 in·lb
Uitgavetype	D
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

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## Environmental

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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
RoHS-status	Following EU Directive 2011/65/EU
RoHS-informatie	9AKK107680A3903 2CCC005083D0202
Milieu-informatie	2CCY413207D0203
Rapport over conflictmineralen (CMRT)	9AKK108468A3363

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## Technical UL/CSA

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Onderbrekende classificatie volgens UL1077	(480Y / 277 V AC) 14 kA (600Y / 347 V AC) 6 kA
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## Dimensions

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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
Grootte	2 modules
Inbouwdiepte (t <sub>2</sub> )	82.5 mm
Dimensiediagram	2CCC413003C0201

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## Ordering

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Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Brutoweight	510 g
E-Number (Finland)	3212224
E-Number (Switzerland)	807750315

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## Certificates and Declarations

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Conformiteitsverklaring - CE	2CCC005083D0202
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## Installation

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Instructies en handleidingen	2CCC413016M0008
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## Popular Downloads

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Gegevensblad, technische informatie	2CCC413003C0208
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## Classifications

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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
UNSPSC	39121603
eClass	V11.0 : 27141901
IGCC (IDEA granulaire categoriecode)	4899 >> Miniature circuit breaker (MCB) screw-in model
Object classificatiecode	F

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## Categorieën

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

