

PRODUCT-DETAILS

S801S-B50

S801S-B50 High Performance MCB



Algemene informatie

Type	S801S-B50
Artikelnummer	2CCS861001R0505
EAN	7612271200077
Omschrijving	S801S-B50 High Performance MCB

Omschrijving

The S801S-B50 is a 1-pole High Performance Circuit breaker with B-characteristic, with cage terminal and a rated current of 50 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 S801S-B50 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 S801S-B50 more comfortable. Due to the fast arc extinction of S801S-B50 your application will be secured.

Technical

Normen	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Uitschakelkenmerk	B
Type reststroom	standard version
Toegekende spanning (U_r)	acc. to IEC 60947-2 400 V AC acc. to IEC 60947-2 125 V DC acc. to IEC 60898-1 230/400 V AC
Nominaal bedrijfspvoltage	acc. to IEC 60898-1 230 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)	50 A
Nominale bedrijfsstroom (I_e)	50 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	4.3 W at Rated Operating Conditions per Pole 4.3 W
Statusindicator	ON / OFF / TRIP
Energiebeperkende klasse	3
Elektrisch uithoudingsvermogen	6000 cycle
Mechanisch uithoudingsvermogen	4000 cycle
Aantal polen	1
Aantal beveiligde polen	1
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 ² Rigid 0 ... 70 mm ²
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
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	(240 V AC) 30 kA (277 V AC) 14 kA (347 V AC) 6 kA
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Dimensions

Breedte in module-eenheden	1.5
Product netto breedte	27 mm
Product netto hoogte	95 mm
Product netto diepte	82.5 mm
Product netto gewicht	245 g
Grootte	1 module
Inbouwdiepte (t ₂)	82.5 mm
Dimensiediagram	2CCC413003C0201

Ordering

Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Brutogewicht	270 g
E-Number (Finland)	3212016
E-Number (Switzerland)	807024315

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

Categorieën

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

