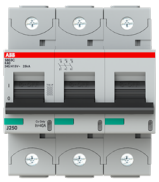
PRODUCT-DETAILS

S803C-K40

S803C-K40 High Performance MCB



Generell information

Utökad produkttyp	S803C-K40
Artikelnummer	2CCS883001R0557
EAN	7612271213183
Katalogbeskrivning	S803C-K40 High Performance MCB
Beskrivning, lång	The S803C-K40 is a 3-pole High Performance Circuit breaker with K-Characteristic, with cage terminal and a rated current of 40 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 S803C-K40 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 S803C-K40 more comfortable. Due to the fast arc extinction of S803C-K40 your application will be secured.

Teknisk data

Standarder	IEC/EN 60947-2 IEC/EN 60898-1 UL 1077
Utlösningskarakteristik	K
Märkdriftspänning	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 415 V AC

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Arbetsspänning	Maximum 230/400 V AC Minimum 12 V AC
Märkisolationsspänning (U_i)	acc. to IEC/EN 60664-1 500 V
Märkstötspänning (U_{imp})	8 kV
Inspänning typ	AC/DC
Märkström (I_n)	40 A
Märkkortslutningsbrytförmåga	(400 V AC) 15 kA
Märkbrytförmåga (I_{cu})	(415 V AC) 25 kA (440 V AC) 15 kA (375 V DC) 10 kA
Kortslutningsbrytförmåga Ics (I_{cs})	(415 V AC) 25 kA (440 V AC) 10 kA (375 V DC) 10 kA
Frekvens (f)	50 / 60 Hz
Märkfrekvens (f)	50/60 Hz
Effektförlust	11.1 W at Rated Operating Conditions per Pole 3.7 W
Kontaktlägesgivare	ON / OFF / TRIP
Energibegränsningsklass	3
Elektrisk uthållighet	6000 cycle
Mekanisk livslängd	4000 cycle
Number of Protected Poles	3
Antal poler	3
Överspänningskategori	IV
Åtdragnigsmoment	3.5 N·m 31 in·lb
Utgåva typ	K
Ställdon markering	I / O
Kapslingsmaterial	Insulation group I, RAL 7035
Monteras på DIN skena	35 mm x 15 mm monteringsskena 35 mm x 7.5 mm monteringsskena
Monteringsposition	Any
Rekommenderad skruvmejsel	Pozidriv 2
Tillgängliga tillbehör	Yes
Anmärkning	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Anslutningskapacitet	Flexible 0 … 50 mm² Rigid 0 … 70 mm²
Plinttyp	Screw Terminals

Material Compliance

RoHS information	9AKK107680A3903 2CCC005083D0202
RoHS-status	Following EU Directive 2011/65/EU
RoHS datum	20170426
REACH Declaration	9AKK108469A6125
REACH Information	No data - If REACH inform is not yet available for a certain product
REACH Date	20190320
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Miljö

Omgivningstemperatur luft	Operation -25 ... +60 °C Storage -40 ... +70 °C
Omgivningsreferenstempe	acc. to IEC60947-2 40 °C

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ratur	acc. to EN60898-1 40 °C
Skyddsform	IP20
Miljökrav	3
Vibrationshållfasthet enligt IEC 60068-2-6	1 mm 2 - 13.2 Hz 0.7g with Load 100% x Ie 13.2 - 100 Hz
Chockhållfasthet enligt IEC 68-2-27	5 g 30 ms
Miljöinformation	2CCY413207D0203

Technical UL/CSA

Interrupting Rating acc. to UL1077	(480Y / 277 V AC) 10 kA (375 V DC) 10 kA

Dimensioner

Width in Number of Modular Spacings	4.5
Bredd netto	81 mm
Höjd netto	95 mm
Djup netto	82.5 mm
Nettovikt	735 g
Inbyggnadsdjup [mm] (t_2)	82.5 mm
Måttskiss	2CCC413003C0201

Beställningsdata

Förpackning 1 - enheter	box 1 styck
Förpackning 1 - bruttovikt	770 g

Certifikat och deklarationer

CB-certifikat	9AKK107680A0835 2CCC413029D0202
CCC-certifikat	CQC2014010307713173
Intyg om överensstämmelse - CE	2CCC005083D0202
ESTI-certifikat	2CCC413028D0101
UL-certifikat	9AKK107680A2286
VDE-certifikat	2CCC413039D0601

Installation

Instruktioner och manualer	2CCC413016M0008

Populära dokument

Datablad, teknisk information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

Klassificeringar

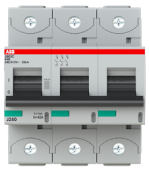
ETIM 8	EC000042 - Miniature circuit breaker (MCB)

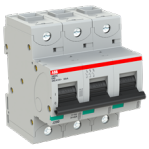
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ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE-kategori	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Klassificeringskod	F

Kategorier

Lågspänningsprodukter → Normprodukter → Högeffektsdvärgbrytare → Högeffektsdvärgbrytare





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