

PRODUCT-DETAILS

S203MT-C4

S203MT-C4 Miniature Circuit Breaker - 3P - C - 4 A



Algemene informatie

Type	S203MT-C4
Artikelnummer	2CDS273006R0044
EAN	4016779769969
Omschrijving	S203MT-C4 Miniature Circuit Breaker - 3P - C - 4 A

Omschrijving

S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 60947-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

Technical

Normen	IEC/EN 60898-1 IEC/EN 60947-2
Uitschakelkenmerk	C
Nominaal bedrijfsvoltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 400 V AC
Operationeel voltage	Maximum (inclusief tolerantie) 440 V AC Minimum 12 V AC Minimum 12 V DC
Nominaal isolatievoltage (U _i)	acc. to IEC/EN 60664-1 440 V

Nominale impuls grensvoltage (U_{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Diëlektische testspanning	50/60 Hz, 1 min: 2 kV
Ingangsspanningstype	AC
Toegekende stroom (I_n)	4 A
Nominaal kortsluitvermogen	(AC) 10 kA (400 V AC) 10 kA
Nominaal ultiem kortsluitvermogen (I_{cu})	(400 V AC) 15 kA
Nominale voorwaardelijke kortsluitstroom (I_{nc})	(400 V) 15 kA
Nominaal vermogen kortsluitvermogen (I_{cs})	(400 V AC) 11.3 kA
Toegekende frequentie (f)	50 / 60 Hz
Vermogensverlies	5.4 W at Rated Operating Conditions per Pole 2.4 W
Aansluiting voeding	Arbitrary
Energiebeperkende klasse	3
Elektrisch uithoudingsvermogen	20000 AC cycle
Mechanisch uithoudingsvermogen	20000 cycle
Aantal polen	3
Aantal beveiligde polen	3
Overspanningscategorie	III
Aanhaalmoment	2.8 N·m
Type schroefklem	Failsafe Bi-directional Cylinder-lift Terminal
Aansturingsmarkering	I / O
Aansturingsmateriaal	Insulation Group II, Black, Sealable
Materiaal behuizing	Insulation Group I, RAL 7035
Opties	Suitable for traction application
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
Verbindingscapaciteit	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
Installatiegrootte	acc. to DIN 43880 1
Terminaltype	Schroef

Environmental

Omgevingsluchttemperatu ur	Werking -25 ... +55 °C Opslag -40 ... +70 °C
Referentie omgevingsluchttemperatu ur	30 °C
Beschermingsgraad	IP20 Enclosure with Cover IP40
Verontreinigingsgraad	3
Milieu-omstandigheden	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Weerstand tegen trillingen volgens IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Schokweerstand volgens IEC 60068-2-27	30g 3 shocks 11 ms
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS-informatie	2cdk400594d2703

REACH-verklaring	9AKK107492A1906
Milieu-informatie	9AKK107680A6947
SCIP	cf3c587b-f530-456e-834f-2f0e3c56c9e8 Germany (DE)
Rapport over conflictmineralen (CMRT)	9AKK108468A3363

Dimensions

Breedte in module-eenheden	3
Product netto breedte	52.5 mm
Product netto hoogte	88 mm
Product netto diepte	69 mm
Product netto gewicht	0.375 kg
Pool netto gewicht	0.115 kg
Inbouwdiepte (t ₂)	69 mm

Ordering

Minimale bestelhoeveelheid	1 stuk
Pakketniveau 1 Units	karton 1 stuk
Pakketniveau 1 Brutoweight	0.4 kg
Vervangen product-ID (NIEUW)	2CDS273445R0044

Certificates and Declarations

Certificatieagentschap	EN IEC
Conformiteitsverklaring - CE	2CDK400594D2704

Installation

Instructies en handleidingen	2CDS207104P0002
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Popular Downloads

Gegevensblad, technische informatie	2CDC002053D0204
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Classifications

ETIM 8	EC000042 - Installatieautomaat
ETIM 9	EC000042 - Installatieautomaat
EPLAN-functiedefinitie	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)
AEEA B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IGCC (IDEA granulaire categoriecode)	4897 >> Miniature circuit breakers
Object classificatiecode	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS201997R0013	S2C-CM1 Motor operating device	S2C-CM1	1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece
2CSS204997R0013	S2C-CM4 Motor operating device	S2C-CM4	1	piece
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST Plug-in base	S2C-EST	1	piece
2CDS200918R0001	S2C-NT Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece

Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Miniature Circuit Breakers MCBs → Installatieautomaten MCB's

