

PRODUCT-DETAILS

S202-C16

S202-C16 Miniature Circuit Breaker - 2P - C - 16 A



Algemene informatie

Type	S202-C16
Artikelnummer	2CDS252001R0164
EAN	4016779465908
Omschrijving	S202-C16 Miniature Circuit Breaker - 2P - C - 16 A
Omschrijving	System pro M compact S200 miniature circuit breakers are current limiting. They 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 (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.

Technical

Normen	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Uitschakelkenmerk	C
Nominaal bedrijfsvoltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Operationeel voltage	Maximum (Incl. Tolerance) 125 V DC Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
Nominaal isolatievoltage	acc. to IEC/EN 60664-1 440 V

(U_i)

Nominale impuls	4 kV
grensvoltage (U _{imp})	at 2000 m 5 kV at Sea Level 6.2 kV

Diëlektrische testspanning	50/60 Hz, 1 min: 2 kV
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Ingangsspanningstype	AC/DC
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Toegekende stroom (I _n)	16 A
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Nominaal kortsluitvermogen	(AC) 6 kA (DC) 6 kA (400 V AC) 6 kA
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Nominaal ultiem kortsluitvermogen (I _{cu})	(125 V DC) 10 kA (230 V AC) 20 kA (400 V AC) 10 kA (440 V AC) 10 kA (48 V DC) 20 kA
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Nominale voorwaardelijke kortsluitstroom (I _{nc})	(230 V) 20 kA (400 V) 20 kA
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Nominaal vermogen kortsluitvermogen (I _{cs})	(230 V AC) 15 kA (400 V AC) 7.5 kA (440 V AC) 7.5 kA
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Frequentie (f)	50 Hz
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Toegekende frequentie (f)	50 / 60 Hz
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Vermogensverlies	5 W at Rated Operating Conditions per Pole 2.5 W
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Aansluiting voeding	Arbitrary
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Onderbreking	Red ON / Green OFF
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Energiebeperkende klasse	3
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Elektrisch uithoudingsvermogen	20000 AC cycle
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Mechanisch uithoudingsvermogen	20000 cycle
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Aantal polen	2
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Aantal beveiligde polen	2
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Overspanningscategorie	III
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Productreeks	S200
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Aanhaalmoment	2.8 N·m
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Montagetype	DIN-Rail
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Type schroefklem	Failsafe Bi-directional Cylinder-lift Terminal
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Aansturingsmarkering	I / O
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Aansturingsmateriaal	Insulation Group II, Black, Sealable
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Materiaal behuizing	Insulation Group II, RAL 7035
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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
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Plaats van inbouw	Any
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Aanbevolen schroevendraaier	Pozidriv 2
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Accessoires beschikbaar	Yes
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Verbindingscapaciteit	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
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Installatiegrootte	acc. to DIN 43880 1
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Kabelstriplengte	12.5 mm
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Terminaltype	Schroef
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Environmental

Omgevingsluchttempera	Operation -25 ... +55 °C
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tuur	Storage -40 ... +70 °C
Referentie omgevingsluchttempera tuur	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	25g / 2 shocks / 13 ms
RoHS-status	Following EU Directive 2011/65/EU
Milieu-informatie	2CDK400030D0201

Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	110 V DC 480Y/277 V AC
Onderbrekende classificatie volgens UL1077	(277 V AC) 6 kA (480Y / 277 V AC) 6 kA (240 V) 10 kA
Verbindingscapaciteit UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Aanhaalmoment UL/CSA	18 in-lb

Dimensions

Breedte in module- eenheden	2
Product netto breedte	35 mm
Product netto hoogte	88 mm
Product netto diepte	69 mm
Product netto gewicht	0.225 kg
Pool netto gewicht	0.125 kg
Inbouwdiepte (t ₂)	69 mm

Container Information

Pakketniveau 1 Units	carton 5 stuk
Pakketniveau 1 Breedte	92 mm
Pakketniveau 1 Hoogte	80 mm
Pakketniveau 1 Lengte	183 mm
Pakketniveau 1 Brutogewicht	1.3 kg
Pakketniveau 1 EAN	4016779608428
Pakketniveau 2 Units	carton 60 stuk
Pakketniveau 2 Breedte	275 mm
Pakketniveau 2 Hoogte	210 mm
Pakketniveau 2 Lengte	395 mm
Pakketniveau 2 Brutogewicht	14.8 kg
Pakketniveau 2 EAN	4016779972352

Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85362010
E-Number (Finland)	3210516
E-Number (Sweden)	2100560
Land van herkomst	Germany (DE)

Certificates and Declarations (Document Number)

Certificatieagentschap	EN IEC UL
Conformiteitsverklaring - CE	2CDK403001D0607
Milieu-informatie	2CDK400030D0201
I ² t Characteristic	9AKK107992A5102
Instructies en handleidingen	2CDS207104P0001
RoHS-informatie	2CDK403001D0607

Popular Downloads

Gegevensblad, technische informatie	9AKK107991A8329
Instructies en handleidingen	2CDS207104P0001
Dimensiediagram	2CDC022007F0010
I ² t Characteristic	9AKK107992A5102
EPLAN grafische macro	9AKK106713A8115
EPLAN-macro	9AKK106713A8105

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN-catalogus boom	Electrical engineering / Protection devices / General
EPLAN-functiedefinitie	Circuit breaker / Double circuit-breaker / Double circuit breaker 1_2_3_4
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)
AEEA B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
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 → Installatieautomaten MCB's

