

PRODUCT-DETAILS

S203P-Z20

Miniature Circuit Breaker - S200P - 3P - Z - 20 ampere



Algemene informatie

Type	S203P-Z20
Artikelnummer	2CDS283001R0488
EAN	4016779593830
Omschrijving	Miniature Circuit Breaker - S200P - 3P - Z - 20 ampere

Omschrijving	System pro M compact S200P 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 25 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200P comply with IEC/EN 60898-1, IEC/EN 609 47-2, UL1077 and CSA 22.2 No. 235, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200P to save 50% space.
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Technische specificaties

Normen	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Aantal polen	3
Aantal beveiligde polen	3
Uitschakelkenmerk	Z
Toegekende stroom (I_n)	20 A
Nominaal bedrijfsvoltage	acc. to IEC 60947-2 400 V AC
Toegekende spanning (U_r)	400 V AC

Vermogensverlies	3.6 W at Rated Operating Conditions per Pole 1.8 W
Nominaal isolatievoltage (U _i)	acc. to IEC/EN 60664-1 440 V
Toegekende frequentie (f)	50 Hz 60 Hz
Nominaal ultiem kortsluitvermogen (I _{cu})	(400 V AC) 25 kA
Nominaal vermogen kortsluitvermogen (I _{cs})	(400 V AC) 12.5 kA
Overspanningscategorie	III
Verontreinigingsgraad	3
Nominale impuls grensvoltage (U _{imp})	(5.0 kV @ 2000 m) (6.2 kV @ sea level) 4 kV
Materiaal behuizing	Insulation Group II, RAL 7035
Aansturingsmateriaal	Insulation Group II, Black, Sealable
Aansturingsmarkering	I / O
Onderbreking	Red ON / Green OFF
Beschermingsgraad	IP20
Opmerkingen	IP40 in enclosure with cover 20000 cycle
Terminaltype	Schroef
Type schroefklem	Failsafe Bi-directional Cylinder-lift Terminal
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
Aanhaalmoment	2.8 N·m
Aanbevolen schroevendraaier	Pozidriv 2
Montage op DIN-rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Plaats van inbouw	Any
Inbouwdiepte (t ₂)	69 mm
Installatiegrootte	acc. to DIN 43880 1
Aansluiting voeding	Arbitrary

Milieu

Omgevingsluchttemperatuur	Operation -25 ... +55 °C Storage -40 ... +70 °C
Schokweerstand volgens IEC 60068-2-27	25g / 2 shocks / 13 ms
Weerstand tegen trillingen volgens IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Milieu-omstandigheden	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
RoHS-status	Following EU Directive 2011/65/EU

Technische specificaties UL/CSA

Maximale bedrijfsspanning UL/CSA	480Y/277 V AC
Verbindingscapaciteit UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Aanhaalmoment UL/CSA	25 in·lb

Onderbrekende
classificatie volgens
UL1077

(480Y / 277 V AC) 10 kA

Afmetingen

Product netto breedte	52.5 mm
Product netto diepte	69 mm
Product netto hoogte	88 mm
Product netto gewicht	0.42 kg

Verpakkingsinformatie

Pakketniveau 1 Units	carton 1 stuk
Pakketniveau 1 Breedte	92 mm
Pakketniveau 1 Lengte	58 mm
Pakketniveau 1 Hoogte	80 mm
Pakketniveau 1 Brutogewicht	0.435 kg
Pakketniveau 1 EAN	4016779597463

Bestelinformatie

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85362010
E-Number (Finland)	3216356

Certificaten en verklaringen (documentnummer)

Conformiteitsverklaring - CE	2CDK403003D0403
Milieu-informatie	9AKK107680A6947
Instructies en handleidingen	2CDS207104P0001
RoHS-informatie	2CDK403003D0403

Populaire downloads

Gegevensblad, technische informatie	9AKK106930A8017
Instructies en handleidingen	2CDS207104P0001

Classificatie

Object classificatiecode	F
ETIM 6	EC000042 - Installatieautomaat
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
eClass	V11.0 : 27141901
UNSPSC	39121614

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

