

PRODUCT-DETAILS

# S203-C16

## Miniature Circuit Breaker - S200 - 3P - C - 16 ampere



### Informations générales

Extension du type de produit	S203-C16
Code de produit	2CDS253001R0164
EAN	4016779468008
Description courte	Miniature Circuit Breaker - S200 - 3P - C - 16 ampere
Description longue	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.

### Technique

Normes et standards	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Nombre de pôles	3
Number of Protected Poles	3
Tripping Characteristic	C
Courant nominal ( $I_n$ )	16 A

Tension	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Tension nominale ( $U_r$ )	400 V AC
Power Loss	7.5 W at Rated Operating Conditions per Pole 2.5 W
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 440 V
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
Fréquence assignée (f)	50 / 60 Hz
Rated Short-Circuit Capacity ( $I_{cn}$ )	(400 V AC) 6 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(230 V AC) 20 kA (440 V AC) 10 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(230 V AC) 15 kA
Classe de limitation d'énergie	3
Catégorie de Surtension	III
Degré de pollution	3
Tension assignée de tenue aux chocs ( $U_{imp}$ )	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Qualité du matériau	Insulation Group II, RAL 7035
Actuator Material	Insulation Group II, Black, Sealable
Actuator Marking	I / O
Contact Position Indication	Red ON / Green OFF
Indice de protection	IP20
Electrical Endurance	20000 AC cycle 20000 cycle
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
Tightening Torque	2.8 N·m
Recommended Screw Driver	Pozidriv 2
Mounting on 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
Type d'encastrement	Any
Profondeur d'encastrement ( $t_2$ )	69 mm
Installation Size	acc. to DIN 43880 1
Power Supply Connection	Arbitrary

## Environnement

Température de l'air ambiant	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
RoHS Status	Following EU Directive 2011/65/EU

## Technique UL/CSA

Maximum Operating Voltage UL/CSA	110 V DC 480Y/277 V AC
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	25 in-lb
Interrupting Rating acc. to UL1077	(110 V DC) 10 kA (277 V AC) 6 kA (480Y / 277 V AC) 6 kA

## Dimensions

Produit Largeur Net	52.5 mm
Produit Longueur Net	69 mm
Produit Hauteur Net	88 mm
Poids net	0.375 kg

## Emballage

Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Largeur	92 mm
Emballage Niveau 1 Longueur	58 mm
Emballage Niveau 1 Hauteur	80 mm
Emballage Niveau 1 Poids	0.4 kg
Emballage Niveau 1 EAN	4016779609197
Emballage Niveau 2 Unités	carton 36 pièce
Emballage Niveau 2 Largeur	275 mm
Emballage Niveau 2 Longueur	395 mm
Emballage Niveau 2 Hauteur	210 mm

Emballage Niveau 2 Poids	13.36 kg
Emballage Niveau 2 EAN	4016779973182

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## Commande

Quantité minimum	1 pièce
Code douanier	85362010
E-Number (Sweden)	2100600
E-Number (Finland)	3210616

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## Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CDK403001D0607
Environmental Information	2CDK400030D0201
Instructions et manuels	2CDS207104P0001
RoHS Information	2CDK403001D0607

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## Downloads Préférés

Fiche produit, informations techniques	9AKK107046A0423
Instructions et manuels	2CDS207104P0001

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## Classifications

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

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## 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

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Disjoncteurs ≤63A SN201/S200

