

PRODUCT-DETAILS

# S203MT-K6

## S203MT-K6 Miniature Circuit Breakers MCBs - 3P - K - 6 A



### Informations générales

Extension du type de produit	S203MT-K6
Code de produit	2CDS273445R0377
EAN	4016779126632
Description courte	S203MT-K6 Miniature Circuit Breakers MCBs - 3P - K - 6 A
Description longue	S203MT-K6 Miniature Circuit Breaker K-Char., 10kA, 6A, 3P

### Technique

Normes et standards	IEC/EN 60898-1, IEC/EN 60947-2, UL 1077, CSA 22.2 No. 235
Tripping Characteristic	K
Tension nominale ( $U_n$ )	440 V
Tension	acc. to IEC 60947-2 230 V
Operational Voltage	Maximum (Incl. Tolerance) 253 V AC Maximum (Incl. Tolerance) 66 V DC Minimum 12 V AC Minimum 12 V DC
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 440 V
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
Type de tension	AC
Courant nominal ( $I_n$ )	6 A
Rated Short-Circuit Capacity	10 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	15 kA (230 V) 15 kA (400 V) 15 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	11.2 kA
Fréquence assignée (f)	50 / 60 Hz
Power Loss	5.7 W
Classe de limitation d'énergie	3
Mechanical Endurance	20000 cycle
Nombre de pôles	3
Number of Protected Poles	3
Number of Modular Spacings per DIN Rail	3
Catégorie de Surtension	III
Couple de serrage	2.8 N·m
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Qualité du matériau	Insulation Group I, RAL 7035
Montage sur rail DIN	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
Recommended Screw Driver	Pozidriv 2
Accessories Available	Oui
Connecting Capacity	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
Installation Size	acc. to DIN 43880 3
Type de borne	Screw Terminals

## Environnement

Température de l'air ambiant	Operation -40 ... +70 °C Storage -40 ... 75 °C
Indice de protection	Enclosure with Cover IP20
Degré de pollution	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In

acc. to IEC 60068-2-6

Résistance aux chocs  
selon CEI 60068-2-27

25g 2 shocks 13 ms

Statut RoHS

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Informations RoHS

2CQB100288

REACH Declaration

9AKK107492A1906

## Dimensions

Produit Largeur Net	52.5 mm
Produit Hauteur Net	88 mm
Produit Longueur Net	69 mm
Poids net	0.375 kg
Pole Net Weight	0.115 kg
Profondeur d'encastrement (t <sub>2</sub> )	69 mm

## Commande

Quantité minimum	1 pièce
Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.387 kg

## Certificats et Déclarations (Numéro de document)

Agence de certification	EN IEC
Déclaration de Conformité - CE	2CQB100288

## Installation

Instructions et manuels	2CDS207104P0002
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## Popular Downloads

Fiche produit, informations techniques	9AKK108467A7598
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## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
DEEE B2C / B2B	Business To Business
CN8	8536 20 10

UNSPSC	39121603
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4897 >> Miniature circuit breakers
Code de classification d'objet	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

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## Catégories

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Produits basse tension → Appareillage modulaire et parafoudres → Miniature Circuit Breakers MCBs → Disjoncteurs ≤63A SN201/S200

