

PRODUCT-DETAILS

# S203MT-Z1UC

## S203MT-Z1UC Miniature Circuit Breaker - 3P - Z - 1 A



### Informations générales

Extension du type de produit	S203MT-Z1UC
Code de produit	2CDS273065R0218
EAN	4013614447761
Description courte	S203MT-Z1UC Miniature Circuit Breaker - 3P - Z - 1 A
Description longue	S203MT-Z1UC Miniature Circuit Breaker - 3P - Z - 1 A

### Technique

Normes et standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Tripping Characteristic	Z
Tension	acc. to IEC 60898-1 440 V AC acc. to IEC 60898-1 440 V DC acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 440 V DC
Operational Voltage	Maximum (Incl. Tolerance) 462 V AC Maximum (Incl. Tolerance) 500 V DC Minimum 12 V AC Minimum 12 V DC
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 484 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/DC
Courant nominal ( $I_n$ )	1 A
Rated Short-Circuit Capacity	(AC) 7.5 kA (DC) 10 kA (230 V AC) 10 kA (400 V AC) 10 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(230 V AC) 10 kA (400 V AC) 10 kA (440 V AC) 10 kA (440 V DC) 10 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 10 kA (400 V) 10 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(440 V DC) 10 kA
Fréquence assignée (f)	50 / 60 Hz DC
Power Loss	7.35 W at Rated Operating Conditions per Pole 2.45 W
Power Supply Connection	Please Note Polarity of Device
Contact Position Indication	ON / OFF
Classe de limitation d'énergie	3
Electrical Endurance	1500 DC cycle 20000 AC cycle
Mechanical Endurance	20000 cycle
Nombre de pôles	3
Number of Protected Poles	3
Catégorie de Surtension	III
Couple de serrage	2.8 N·m
Actuator Type	Toggle
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
Options Provided	Suitable for traction application
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
Remarques	Please note polarity of device
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>
Installation Size	acc. to DIN 43880 1
Type de bornes	Screw Terminals

## Environnement

Température de l'air ambiant	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air	20 °C

## Temperature

Indice de protection	IP20 IPXXB Enclosure with Cover IP40
Degré de pollution	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
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	2CDK400602D2703
REACH Declaration	9AKK107492A1906
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Technique UL/CSA

Maximum Operating Voltage UL/CSA	500 V DC 480Y / 277 V AC
Interrupting Rating acc. to UL1077	(440 V DC) 10 kA
Connecting Capacity UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
Tightening Torque UL/CSA	Main Circuit 18 in-lb

## Dimensions

Width in Number of Modular Spacings	3
Produit Largeur Net	52.5 mm
Produit Hauteur Net	88 mm
Produit Longueur Net	69 mm
Poids net	0.375 kg
Profondeur d'encastrement (t <sub>2</sub> )	69 mm

## Commande

Quantité minimum	1 pièce
Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	0.4 kg

## Certificats et Déclarations (Numéro de document)

Agence de certification	CSA EN IEC UL
Déclaration de Conformité - CE	2CDK400602D2704

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## Installation

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Instructions et manuels

2CDS207104P0002

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## Popular Downloads

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Fiche produit, informations techniques

No document needed

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## Classifications

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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

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## Catégories

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

