

PRODUCT-DETAILS

# SU201M-K20

## SU201M-K20 Miniature Circuit Breaker - 1P - K - 20 A



### Informations générales

Extension du type de produit	SU201M-K20
Code de produit	2CDS271337R0487
EAN	4016779930130
Description courte	SU201M-K20 Miniature Circuit Breaker - 1P - K - 20 A
Description longue	SU201M-K20 Miniature Circuit Breaker K-Char., 10kA, 20A, 1P UL489

### Technique

Normes et standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Tripping Characteristic	K
Tension	acc. to IEC 60898-1 277 V acc. to IEC 60947-2 230 V AC
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/DC
Courant nominal ( $I_n$ )	20 A
Rated Short-Circuit	(230 V AC) 11.2 kA

Capacity	
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(230 V AC) 15 kA (230 V) 15 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 15 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(230 V AC) 11.2 kA
Fréquence assignée (f)	50 / 60 Hz DC 50 ... 60 Hz
Power Loss	2.5 W at Rated Operating Conditions per Pole 2.5 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Classe de limitation d'énergie	3
Electrical Endurance	20000 AC cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Nombre de pôles	1
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 ... 25 mm <sup>2</sup> Flexible 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 3
Type de borne	Double Clamp

## Environnement

Température de l'air ambiant	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20 IP40 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	2CDK400595D2706
REACH Declaration	9AKK107492A1906
Informations environnementales	9AKK107680A9140
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Technique UL/CSA

Maximum Operating Voltage UL/CSA	277 V AC 48 V DC
Interrupting Rating acc. to UL489	(240 V AC) 10 kA (277 V AC) 10 kA (48 V DC) 10 kA
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG

## Dimensions

Width in Number of Modular Spacings	1
Produit Largeur Net	17.5 mm
Produit Hauteur Net	111 mm
Produit Longueur Net	69 mm
Poids net	0.125 kg
Pole Net Weight	0.125 kg
Profondeur d'encastrement (t <sub>2</sub> )	69 mm

## Commande

Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	0.135 kg

## Certificats et Déclarations (Numéro de document)

Agence de certification	CSA EN IEC UL
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## Installation

Instructions et manuels	2CDC002177D0202
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## Downloads Préférés

Fiche produit, informations techniques	2CDC002177D0202
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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)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model

## Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece
2CDS200914R0001	S2C-H6RU Auxiliary Contact	S2C-H6RU	1	piece
2CDS200924R0001	S2C-S6RU Signal / Auxiliary Contact	S2C-S6RU	1	piece
2CDS200908R0001	S2C-A1U Shunt Trip	S2C-A1U	1	piece
2CDS200908R0002	S2C-A2U Shunt Trip	S2C-A2U	1	piece

## Catégories

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

