



PRODUCT-DETAILS

SU203MR-K20

Miniature Circuit Breaker - SU200MR - 3P - 20 A - K



General Information	
Extended Product Type	SU203MR-K20
Product ID	2CDS273347R0487
EAN	4016779958493
Catalog Description	Miniature Circuit Breaker - SU200MR - 3P - 20 A - K
Long Description	SU203MR-K20 MCB K-Char., 10kA, 20A, 3P, RTT UL 489, Ring Cable Lug

Technical	
Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60898-1 400 V acc. to IEC 60947-2 400 V AC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC
Rated Current (I _n)	20 A

Rated Short-Circuit Capacity	(230 V AC) 10 kA (400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V AC) 10 kA (400 V AC) 15 kA (400 V) 6 kA
Rated Conditional Short-Circuit Current (I _{nc})	(230 V) 10 kA (400 V) 10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(400 V AC) 11.2 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	7.5 W at Rated Operating Conditions per Pole 2.5 W
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3P
Overvoltage Category	III
Screw Terminal Type	Ring-Tongue Terminal with Captive Screw
Options Provided	Ring tongue
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Terminal Type	Ring-Tongue Terminals

Material Compliance

RoHS Information	2CDK400616D2703
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20200320
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	5fbd6de0-0144-4192-a99e-8054c36efacd Germany (DE)

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
Environmental Information	9AKK107680A9140

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 10 kA (480Y / 277 V AC) 10 kA
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Dimensions	
Width in Number of Modular Spacings	3.0
Product Net Width	52.5 mm
Product Net Height	115 mm
Product Net Depth / Length	71 mm
Product Net Weight	0.42 kg
Built-In Depth (t ₂)	69 mm

Ordering	
Package Level 1 Units	carton 3 piece
Package Level 1 Gross Weight	1.32 kg

Certificates and Declarations	
CSA Certificate	2CDZ405000A0575
Declaration of Conformity - CE	2CDK400616D2703
Declaration of Conformity - UKCA	9AKK108467A5203
UL Certificate	2CDZ405000A0085

Installation	
Instructions and Manuals	2CDC002184D0202

Popular Downloads	
Data Sheet, Technical Information	2CDC002184D0202

External Classifications and Standards	
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	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
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Certification Agency	CSA EN IEC

UL

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

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs

