

PRODUCT-DETAILS

SU203MR-K5

SU203MR-K5 Miniature Circuit Breaker - 3P - K - 5 A



General Information

Extended Product Type	SU203MR-K5
Product ID	2CDS273347R0357
EAN	4016779958356
Catalog Description	SU203MR-K5 Miniature Circuit Breaker - 3P - K - 5 A
Long Description	SU203MR-K5 MCB K-Char., 10kA, 5A, 3P, RTT UL 489, Ring Cable Lug

Technical

Standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC 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)	5 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

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	3.9 W at Rated Operating Conditions per Pole 1.3 W
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
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 Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Terminal Type	Ring-Tongue Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	2CDK400616D2703
REACH Declaration	9AKK107492A1906
Environmental Information	9AKK107680A9140
SCIP	5fbd6de0-0144-4192-a99e-8054c36efacd Germany (DE)
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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
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

Container Information

Package Level 1 Units	carton 3 piece
Package Level 1 Width	121 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	191 mm

Package Level 1 Gross Weight	1.32 kg
Package Level 1 EAN	4016779961165
Package Level 2 Units	27 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	16 kg
Package Level 2 EAN	4016779980951

Ordering

Minimum Order Quantity	1 piece
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Certificates and Declarations

Certification Agency	CSA EN IEC UL
CSA Certificate	2CDZ405000A0575
Declaration of Conformity - CE	2CDK400616D2703
UL Certificate	2CDZ405000A0085

Installation

Instructions and Manuals	2CDC002184D0202
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Popular Downloads

Data Sheet, Technical Information	2CDC002184D0202
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Classifications

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

Accessories

Identifier	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

Categories

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

