

PRODUCT-DETAILS

S203MR-K10

S203MR-K10 Miniature Circuit Breaker - 3P - K - 10 A



General Information

Extended Product Type	S203MR-K10
Product ID	2CDS273437R0427
EAN	4016779958912
Catalog Description	S203MR-K10 Miniature Circuit Breaker - 3P - K - 10 A
Long Description	S203MR-K10 MCB K-Char., 10kA, 10A, 3P, RTT UL 1077, Ring Cable Lug

Technical

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Product Name	Miniature Circuit Breaker
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)	10 A
Rated Short-Circuit Capacity (I _{cn})	(230 V AC) 10 kA (400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking	(230 V AC) 10 kA (400 V AC) 15 kA

Capacity (I_{cu})	
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
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
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	Double Clamp

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Interrupting Rating acc. to UL1077	(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	100 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	4016779960885
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	4016779981989

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Certification Agency	CSA EN IEC UL
Declaration of Conformity - CE	2CDK400687D2702
Instructions and Manuals	2CDC002183D0201
RoHS Information	2CDK400687D2702

Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	2CDC002183D0201

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901

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
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
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	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

Categories

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

