

PRODUCT-DETAILS

## SU203MR-K1,6

### Miniature Circuit Breakers MCBs - SU200MR - 3P - K - 1.6 ampere



#### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | SU203MR-K1,6   |
| Product ID            | 2CDS273347R0257  |
| EAN                   | 4016779958271  |
| Catalog Description   | Miniature Circuit Breakers MCBs - SU200MR - 3P - K - 1.6 ampere      |
| Long Description      | SU203MR-K1,6 MCB K-Char., 10kA, 1,6A, 3P, RTT UL 489, Ring Cable Lug |

#### Technical

|                                       |   |
|---------------------------------------|---|
| Standards                             | CSA 22.2 No. 5<br>IEC/EN 60947-2<br>UL 489            |
| Number of Poles                       | 3   |
| Number of Protected Poles             | 3   |
| Tripping Characteristic               | K   |
| Rated Current ( $I_n$ )               | 1.6 A   |
| Rated Operational Voltage             | acc. to IEC 60947-2 400 V AC                          |
| Power Loss                            | 5.4 W<br>at Rated Operating Conditions per Pole 1.8 W |
| Rated Insulation Voltage ( $U_i$ )    | acc. to IEC/EN 60664-1 440 V                          |
| Rated Frequency (f)                   | 50 Hz<br>60 Hz  |
| Rated Ultimate Short-Circuit Breaking | (400 V AC) 15 kA                                      |

|  |  |
|--|--|
| Capacity (I <sub>cu</sub> )                                      | (400 V AC) 11.2 kA   |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) |  |
| Overvoltage Category   | III  |
| Pollution Degree   | 3  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )              | (5.0 kV @ 2000 m)<br>(6.2 kV @ sea level)<br>4 kV  |
| Degree of Protection   | IP20   |
| Terminal Type  | Ring-Tongue Terminals  |
| Screw Terminal Type  | Ring-Tongue Terminal with Captive Screw  |
| Connecting Capacity  | Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup><br>Flexible 0.75 ... 25 mm <sup>2</sup><br>Rigid 0.75 ... 35 mm <sup>2</sup><br>Stranded 0.75 ... 35 mm <sup>2</sup> |
| Recommended Screw Driver   | Pozidriv 2   |
| Built-In Depth (t <sub>2</sub> )                                 | 69 mm  |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C          |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Technical UL/CSA

|                                   |   |
|-----------------------------------|---|
| Interrupting Rating acc. to UL489 | (240 V AC) 10 kA<br>(480Y / 277 V AC) 10 kA |
|-----------------------------------|---|

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 52.5 mm |
| Product Net Depth / Length | 71 mm   |
| Product Net Height         | 115 mm  |
| Product Net Weight         | 0.42 kg |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 3 piece |
| Package Level 1 Width          | 121 mm         |
| Package Level 1 Depth / Length | 191 mm         |
| Package Level 1 Height         | 82 mm          |
| Package Level 1 Gross Weight   | 1.32 kg        |
| Package Level 1 EAN            | 4016779961202  |
| Package Level 2 Units          | 27 piece       |
| Package Level 2 Width          | 275 mm         |
| Package Level 2 Depth / Length | 395 mm         |
| Package Level 2 Height         | 210 mm         |
| Package Level 2 Gross Weight   | 16 kg          |
| Package Level 2 EAN            | 4016779980913  |

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## Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85362010 |

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## Certificates and Declarations (Document Number)

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|                                |                 |
|--------------------------------|-----------------|
| CSA Certificate                | 2CDZ405000A0575 |
| Declaration of Conformity - CE | 2CDK400616D2703 |
| Environmental Information      | 9AKK107680A9140 |
| Instructions and Manuals       | 2CDC002184D0202 |
| RoHS Information               | 2CDK400616D2703 |
| UL Certificate                 | 2CDZ405000A0085 |

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## Popular Downloads

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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC002184D0202 |
| Instructions and Manuals          | 2CDC002184D0202 |

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## Classifications

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|        |  |
|--------|--|
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| eClass | 7.0 27141901                               |
| UNSPSC | 39121614                                   |

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## Categories

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

