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 PRODUCT-DETAILS

## SU202MR-K63

### Miniature Circuit Breaker - SU200MR - 2P - 63 A - K - (230 V AC) 10 kA




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | SU202MR-K63  |
| Product ID            | 2CDS272347R0607  |
| EAN                   | 4016779957656  |
| Catalog Description   | Miniature Circuit Breaker - SU200MR - 2P - 63 A - K - (230 V AC) 10 kA |
| Long Description      | SU202MR-K63 MCB K-Char., 10kA, 63A, 2P, RTT UL 489, Ring Cable Lug     |

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**ABB EcoSolutions**

|   |   |
|---|---|
| ABB EcoSolutions                                  | Yes   |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 62 % |
| ABB Site Meeting Group Waste To Landfill Target   | No non-hazardous waste is sent to a landfill                |
| Extended Product Lifetime                         | Product Durability  |
| End Of Life Disassembling Instructions            | 9AKK108471A4773   |
| Environmental Product                             | 9AKK108470A9950   |

## Declaration - EPD

**Technical**

|   |  |
|---|--|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (230 V AC) 10 kA<br>(400 V AC) 15 kA<br>(400 V) 15 kA  |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (400 V AC) 7.5 kA  |
| Energy Limiting Class                                       | 3  |
| Number of Protected Poles                                   | 2  |
| Number of Poles   | 2P   |
| Actuator Type   | Toggle   |
| 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 <sup>2</sup><br>Flexible 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> |
| Terminal Type   | Ring-Tongue Terminals  |

**Electrical**

|  |  |
|--|--|
| Tripping Characteristic                              | K  |
| Rated Operational Voltage                            | acc. to IEC 60898-1 400 V AC<br>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<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV                |
| Input Voltage Type                                   | AC   |
| Rated Current ( $I_n$ )                              | 63 A   |
| Rated Short-Circuit Capacity                         | (230 V AC) 10 kA<br>(400 V AC) 10 kA                         |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (230 V) 10 kA<br>(400 V) 10 kA                               |
| Rated Frequency (f)                                  | 50 / 60 Hz   |
| Power Loss   | 10.8 W<br>at Rated Operating Conditions per Pole 5.4 W       |
| Overvoltage Category                                 | III  |

**Technical UL/CSA**

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 10 kA<br>(96 V DC) 10 kA |
|-----------------------------------|-------------------------------------|

**Material Compliance**

|                  |                 |
|------------------|-----------------|
| RoHS Declaration | 9AKK108472A0372 |
|------------------|-----------------|

|   |  |
|---|--|
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20251203   |
| REACH Declaration                           | 9AKK107492A1906  |
| REACH Information                           | False - does not contain substances > 0.1 mass percentage              |
| REACH Date                                  | 20251029   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |
| Toxic Substances Control Act - TSCA         | 9AKK108468A8104  |
| SCIP  | 5fbd6de0-0144-4192-a99e-8054c36efacd Germany                           |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Business   |

## Environmental

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

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2.0     |
| Product Net Width                   | 35 mm   |
| Product Net Height                  | 115 mm  |
| Product Net Depth / Length          | 71 mm   |
| Product Net Weight                  | 0.26 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm   |

## Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 5 piece |
| Package Level 1 Gross Weight | 1.34 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 9                             | EC000042 - Miniature circuit breaker (MCB)             |
| ETIM 10                            | EC000042 - Miniature circuit breaker (MCB)             |
| 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<br>IEC/EN 60947-2<br>UL 489             |
| Certification Agency               | CSA<br>EN<br>IEC<br>UL                                 |
| Standardization Body               | CSA<br>EN<br>IEC<br>UL                                 |

**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 1CO, UL489 | S2C-H6RU  | 1        | piece           |
| 2CDS200924R0001 | S2C-S6RU Signal Contact UL489         | S2C-S6RU  | 1        | piece           |
| 2CDS200908R0001 | S2C-A1U Shunt Trip, 12...110V, UL489  | S2C-A1U   | 1        | piece           |
| 2CDS200908R0002 | S2C-A2U Shunt Trip, 110...415V, UL489 | S2C-A2U   | 1        | piece           |

**Categories**

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs → SU200MR

