



PRODUCT-DETAILS

# SU203M-K7

## Miniature Circuit Breaker - SU200M - 3P - 7 A - K



| General Information   |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Extended Product Type | SU203M-K7                                                                                     |
| Product ID            | 2CDS273337R0387                                                                               |
| EAN                   | 4016779930338                                                                                 |
| Catalog Description   | Miniature Circuit Breaker - SU200M - 3P - 7 A - K                                             |
| Long Description      | SU203M-K7 Miniature Circuit Breaker SU203M-K7 Miniature Circuit Breaker C-Char., 10kA, 7A, 3P |

| Technical                                           |                                                           |
|-----------------------------------------------------|-----------------------------------------------------------|
| Tripping Characteristic                             | K                                                         |
| Rated Operational Voltage                           | acc. to IEC 60898-1 480 V<br>acc. to IEC 60947-2 400 V AC |
| Rated Insulation Voltage (U <sub>i</sub> )          | acc. to IEC/EN 60664-1 440 V                              |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV             |
| Input Voltage Type                                  | AC/DC                                                     |
| Rated Current (I <sub>n</sub> )                     | 7 A                                                       |

|                                                             |                                                                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Short-Circuit Capacity                                | (400 V AC) 11.2 kA                                                                                                                                                                                             |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (400 V AC) 15 kA<br>(400 V) 15 kA                                                                                                                                                                              |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )        | (400 V) 10 kA                                                                                                                                                                                                  |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (400 V AC) 11.2 kA                                                                                                                                                                                             |
| Rated Frequency (f)                                         | 50 / 60 Hz<br>DC                                                                                                                                                                                               |
| Power Loss                                                  | 4.5 W<br>at Rated Operating Conditions per Pole 1.5 W                                                                                                                                                          |
| Energy Limiting Class                                       | 3                                                                                                                                                                                                              |
| Number of Protected Poles                                   | 3                                                                                                                                                                                                              |
| Number of Poles                                             | 3P                                                                                                                                                                                                             |
| Overvoltage Category                                        | III                                                                                                                                                                                                            |
| 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                                               | Double Clamp                                                                                                                                                                                                   |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 2CDK400595D2705                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20200514                                                               |
| REACH Declaration                           | 9AKK107492A1906                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| REACH Date                                  | 20240821                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| SCIP                                        | 89318623-ff2d-4ce0-aefe-5d16fac11138 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<br>(480Y / 277 V AC) 10 kA |
|-----------------------------------|---------------------------------------------|

Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 3.0      |
| Product Net Width                   | 52.5 mm  |
| Product Net Height                  | 111 mm   |
| Product Net Depth / Length          | 69 mm    |
| Product Net Weight                  | 0.375 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm    |

Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 3 piece |
| Package Level 1 Gross Weight | 1.137 kg       |

Certificates and Declarations

|                                  |                 |
|----------------------------------|-----------------|
| Declaration of Conformity - CE   | 2CDK400595D2705 |
| Declaration of Conformity - UKCA | 9AKK108467A5201 |

Installation

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDS207104P0001 |
|--------------------------|-----------------|

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC002177D0202 |
|-----------------------------------|-----------------|

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<br>IEC/EN 60947-2<br>UL 489                 |
| Certification Agency               | CSA<br>EN<br>IEC<br>UL                                     |

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## Categories

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



360°