



PRODUCT-DETAILS

# SU203ML-C50

## Miniature Circuit Breaker - SU200ML - 3P - 50 A - C



| General Information   |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Extended Product Type | SU203ML-C50                                                                                        |
| Product ID            | 2CDS273339R0504                                                                                    |
| EAN                   | 4053546029130                                                                                      |
| Catalog Description   | Miniature Circuit Breaker - SU200ML - 3P - 50 A - C                                                |
| Long Description      | SU203ML-C50 Miniature Circuit Breaker SU203ML-C50 Miniature Circuit Breaker C-Char., 10kA, 50A, 3P |

| 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  
Declaration - EPD

9AKK108470A9950

## Technical

|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (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                                   | 3                                                                         |
| Number of Poles                                             | 3P                                                                        |
| Accessories Available                                       | Yes                                                                       |
| Connecting Capacity                                         | Flexible 0.75 ... 25 mm <sup>2</sup><br>Rigid 0.75 ... 35 mm <sup>2</sup> |
| Terminal Type                                               | Double Clamp                                                              |

## Electrical

|                                               |                              |
|-----------------------------------------------|------------------------------|
| Tripping Characteristic                       | C                            |
| Rated Operational Voltage                     | acc. to IEC 60898-1 400 V    |
| Rated Insulation Voltage ( $U_i$ )            | acc. to IEC/EN 60664-1 400 V |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 4 kV                         |
| Input Voltage Type                            | AC/DC                        |
| Rated Current ( $I_n$ )                       | 50 A                         |
| Rated Frequency (f)                           | 50 / 60 Hz                   |
| Power Loss                                    | 13.5 W                       |
| Overvoltage Category                          | III                          |
| I <sup>2</sup> t Characteristic               | 9AAK107680A1518              |

## Technical UL/CSA

|                                   |                  |
|-----------------------------------|------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 14 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           | 2becd5cf-063a-4044-a38d-d5cba70487c6 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<br>IP40             |
| Pollution Degree          | 3                        |
| Environmental Information | 9AKK107680A9140          |

Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 3.0     |
| Product Net Width                   | 52.5 mm |
| Product Net Height                  | 95 mm   |
| Product Net Depth / Length          | 69 mm   |
| Product Net Weight                  | 0.36 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm   |

Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 3 piece |
| Package Level 1 Gross Weight | 1.13 kg        |

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CDK400688D2703 |
|--------------------------------|-----------------|

Installation

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

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107046A9269 |
| I <sup>2</sup> t Characteristic   | 9AAK107680A1518 |

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                                 |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs → SU200ML

