



PRODUCT-DETAILS

SU203ML-Z50

Miniature Circuit Breaker - SU200ML - 3P - 50 A - Z



| General Information | |
|-----------------------|--|
| Extended Product Type | SU203ML-Z50 |
| Product ID | 2CDS273339R0578 |
| EAN | 4053546031010 |
| Catalog Description | Miniature Circuit Breaker - SU200ML - 3P - 50 A - Z |
| Long Description | SU203ML-Z50 Miniature Circuit Breaker SU203ML-Z50 Miniature Circuit Breaker Z-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 (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 ² Rigid 0.75 ... 35 mm ² |
| Terminal Type | Double Clamp |

Electrical

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|---|------------------------------|
| Tripping Characteristic | Z |
| 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 | 14.5 W |
| Overvoltage Category | III |
| I ² t Characteristic | 9AAK107680A1518 |

Technical UL/CSA

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|-----------------------------------|------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 14 kA |
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Material Compliance

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|---|--|
| 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 |

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|----------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |

Environmental

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|---------------------------|--------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C |
| Degree of Protection | IP20 IP40 |
| Pollution Degree | 3 |
| Environmental Information | 9AKK107680A9140 |

Dimensions

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|-------------------------------------|---------|
| 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 ₂) | 69 mm |

Ordering

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

Certificates and Declarations

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

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

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107046A9269 |
| I ² t Characteristic | 9AAK107680A1518 |

External Classifications and Standards

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|---------|--|
| 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
IEC/EN 60947-2
UL 489

Certification Agency

CSA
EN
IEC
UL

Categories

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

