



PRODUCT-DETAILS

# SU202ML-Z7

## Miniature Circuit Breaker - SU200ML - 2P - 7 A - Z



| General Information   |   |
|-----------------------|---|
| Extended Product Type | SU202ML-Z7  |
| Product ID            | 2CDS272339R0388   |
| EAN                   | 4053546031355   |
| Catalog Description   | Miniature Circuit Breaker - SU200ML - 2P - 7 A - Z  |
| Long Description      | SU202ML-Z7 Miniature Circuit Breaker SU202ML-Z7 Miniature Circuit Breaker Z-Char., 10kA, 7A, 2P |

| 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) 11.2 kA  |
| Energy Limiting Class                                       | 3   |
| Number of Protected Poles                                   | 2   |
| Number of Poles   | 2P  |
| 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                       | 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 ( $I_n$ )                       | 7 A   |
| Rated Frequency (f)                           | 50 / 60 Hz  |
| Power Loss                                    | 3 W<br>at Rated Operating Conditions per Pole 2.5 W |
| Overvoltage Category                          | III   |
| I <sup>2</sup> t Characteristic               | 9AAK107680A1518                                     |

## Technical UL/CSA

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 14 kA<br>(96 V DC) 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                            | 9AKK108468A8104  |

Control Act - TSCA

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  
IP40

Pollution Degree 3

Environmental Information 9AKK107680A9140

## Dimensions

Width in Number of Modular Spacings 2

Product Net Width 35 mm

Product Net Height 95 mm

Product Net Depth / Length 69 mm

Product Net Weight 0.24 kg

Built-In Depth (t<sub>2</sub>) 69 mm

## Ordering

Package Level 1 Units carton 5 piece

Package Level 1 Gross Weight 1.25 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)

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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 → SU200ML

