



PRODUCT-DETAILS

# SU202ML-Z0.5

## Miniature Circuit Breaker - SU200ML - 2P - 0.5 A - Z



General Information	
Extended Product Type	SU202ML-Z0.5
Product ID	2CDS272339R0158
EAN	4053546030600
Catalog Description	Miniature Circuit Breaker - SU200ML - 2P - 0.5 A - Z
Long Description	SU202ML-Z0,5 Miniature Circuit Breaker SU202ML-Z0,5 Miniature Circuit Breaker Z-Char., 10kA, 0,5A, 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 (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> 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 ( $I_n$ )	0.5 A
Rated Frequency (f)	50 / 60 Hz
Power Loss	7.8 W at Rated Operating Conditions per Pole 2.6 W
Overvoltage Category	III
I <sup>2</sup> t Characteristic	9AAK107680A1518

## Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 14 kA (96 V DC) 14 kA
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## 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 2.0

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 IEC/EN 60947-2 UL 489
Certification Agency	CSA EN IEC 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

