



PRODUCT-DETAILS

# SU202ML-Z1

## Miniature Circuit Breaker - SU200ML - 2P - 1 A - Z



### General Information

Extended Product Type	SU202ML-Z1
Product ID	2CDS272339R0218
EAN	4053546030617
Catalog Description	Miniature Circuit Breaker - SU200ML - 2P - 1 A - Z
Long Description	SU202ML-Z1 Miniature Circuit Breaker SU202ML-Z1 Miniature Circuit Breaker Z-Char., 10kA, 1A, 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 ( $I_n$ )	1 A
Rated Frequency (f)	50 / 60 Hz
Power Loss	9.6 W at Rated Operating Conditions per Pole 3.2 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
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
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## Installation

Instructions and Manuals	2CDS207104P0001
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## 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 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

