



 PRODUCT-DETAILS

SU202ML-Z50

Miniature Circuit Breaker - SU200ML - 2P - 50 A - Z



General Information

Extended Product Type	SU202ML-Z50
Product ID	2CDS272339R0578
EAN	4053546030792
Catalog Description	Miniature Circuit Breaker - SU200ML - 2P - 50 A - Z
Long Description	SU202ML-Z50 Miniature Circuit Breaker SU202ML-Z50 Miniature Circuit Breaker Z-Char., 10kA, 50A, 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) 7.5 kA
Energy Limiting Class	3
Number of Protected Poles	2
Number of Poles	2P
Accessories Available	Yes
Connecting Capacity	Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ²
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)	50 A
Rated Frequency (f)	50 / 60 Hz
Power Loss	7.2 W at Rated Operating Conditions per Pole 1.8 W
Overvoltage Category	III
I ² 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 (t₂) 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

I²t 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

Categories

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

