



 PRODUCT-DETAILS

ST201M-Z50NA

Miniature Circuit Breaker - ST200M - 1P+N - 50 A - Z



General Information

Extended Product Type	ST201M-Z50NA
Product ID	2CDS271335R0578
EAN	4016779020664
Catalog Description	Miniature Circuit Breaker - ST200M - 1P+N - 50 A - Z
Long Description	ST201M-Z50NA Miniature Circuit Breaker ST201M-Z50NA Miniature Circuit Breaker Z-Char., 5kA, 50A, 1P+NA

ABB EcoSolutions

ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 80.7 %
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	9AKK108468A3132

Environmental Product
Declaration - EPD

9AKK108467A7832

Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 V AC) 15 kA (230 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(230 V AC) 7.5 kA
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1P+N
Accessories Available	Yes
Connecting Capacity	Flexible 25 ... 25 mm ² Rigid 35 ... 35 mm ²
Terminal Type	Double Clamp

Electrical

Tripping Characteristic	Z
Rated Operational Voltage	acc. to IEC 60947-2 230 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC/DC
Rated Current (I_n)	50 A
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 15 kA (400 V) 15 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	6.4 W
Overvoltage Category	III

Technical UL/CSA

Interrupting Rating acc. to UL1077	(277 V AC) 5 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

Pollution Degree 3

Dimensions

Width in Number of Modular Spacings 2

Product Net Width 35 mm

Product Net Height 88 mm

Product Net Depth / Length 69 mm

Product Net Weight 0.225 kg

Built-In Depth (t₂) 69 mm

Ordering

Package Level 1 Units carton 5 piece

Package Level 1 Gross Weight 1.165 kg

Certificates and Declarations

Declaration of Conformity - CE 2CDK400679D2703

Declaration of Conformity - UKCA 9AKK108467A5200

Installation

Instructions and Manuals 9AKK107046A3150

Popular Downloads

Data Sheet, Technical Information 9AKK107046A3150

External Classifications and Standards

ETIM 9 EC000042 - Miniature circuit breaker (MCB)

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UNSPSC 39121603

eClass V11.0 : 27141901

IDEA Granular Category 4899 >> Miniature circuit breaker (MCB) screw-in model

Code (IGCC)

Standards

CSA 22.2 No. 235
IEC/EN 60947-2
UL 1077

Certification Agency

CSA
EN
IEC
UL

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs → ST200M

