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 PRODUCT-DETAILS

## ST203M-K50NA

### Miniature Circuit Breaker - ST200M - 3P+N - 50 A - K




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**General Information**

Extended Product Type	ST203M-K50NA
Product ID	2CDS273335R0577
EAN	4016779027243
Catalog Description	Miniature Circuit Breaker - ST200M - 3P+N - 50 A - K
Long Description	ST203M-K50NA Miniature Circuit Breaker ST203M-K50NA Miniature Circuit Breaker K-Char., 5kA, 50A, 3P+NA

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**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 ( $I_{cu}$ )	(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	3
Number of Poles	3P+N
Accessories Available	Yes
Connecting Capacity	Flexible 25 ... 25 mm <sup>2</sup> Rigid 35 ... 35 mm <sup>2</sup>
Terminal Type	Double Clamp

**Electrical**

Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60898-1 400 V acc. to IEC 60947-2 400 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	9.6 W at Rated Operating Conditions per Pole 4.8 W
Overvoltage Category	III

**Technical UL/CSA**

Interrupting Rating acc. to UL1077	(480Y / 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	20251028
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Toxic Substances Control Act - TSCA	9AKK108468A8104
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	4.0
Product Net Width	70 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.465 kg
Built-In Depth (t <sub>2</sub> )	69 mm

## Ordering

Package Level 1 Units	carton 2 piece
Package Level 1 Gross Weight	0.95 kg

## Certificates and Declarations

Declaration of Conformity - CE	2CDK400679D2703
Declaration of Conformity - UKCA	9AKK108467A5200

## Installation

Instructions and Manuals	9AKK107046A3150
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## Popular Downloads

Data Sheet, Technical Information	9AKK107046A3150
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## 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. 235  
IEC/EN 60947-2  
UL 1077

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 → ST200M

