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 PRODUCT-DETAILS

## ST203M-Z60NA

### Miniature Circuit Breaker - ST200M - 3P+N - 60 A - Z




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**General Information**

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Extended Product Type | ST203M-Z60NA                                                                                           |
| Product ID            | 2CDS273335R0588                                                                                        |
| EAN                   | 4016779027304                                                                                          |
| Catalog Description   | Miniature Circuit Breaker - ST200M - 3P+N - 60 A - Z                                                   |
| Long Description      | ST203M-Z60NA Miniature Circuit Breaker ST203M-Z60NA Miniature Circuit Breaker Z-Char., 5ka, 60A, 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<br>(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><br>Rigid 35 ... 35 mm <sup>2</sup> |
| Terminal Type                                               | Double Clamp                                                          |

**Electrical**

|                                                      |                                                     |
|------------------------------------------------------|-----------------------------------------------------|
| Tripping Characteristic                              | Z                                                   |
| Rated Operational Voltage                            | 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 ( $I_n$ )                              | 60 A                                                |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (230 V) 15 kA<br>(400 V) 15 kA                      |
| Rated Frequency (f)                                  | 50 / 60 Hz                                          |
| Power Loss                                           | 5 W<br>at Rated Operating Conditions per Pole 2.5 W |
| Overvoltage Category                                 | III                                                 |

**Technical UL/CSA**

|                                    |                        |
|------------------------------------|------------------------|
| Interrupting Rating acc. to UL1077 | (480Y / 277 V AC) 5 kA |
|------------------------------------|------------------------|

**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 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        |
| 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 |
|--------------------------|-----------------|

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107046A3150 |
|-----------------------------------|-----------------|

## 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

