



PRODUCT-DETAILS

# ST204M-Z10

## Miniature Circuit Breaker - ST200M - 4P - 10 A - Z



| General Information   |  |
|-----------------------|--|
| Extended Product Type | ST204M-Z10   |
| Product ID            | 2CDS274334R0428  |
| EAN                   | 4016779029049  |
| Catalog Description   | Miniature Circuit Breaker - ST200M - 4P - 10 A - Z   |
| Long Description      | ST204M-Z10 Miniature Circuit Breaker ST204M-Z10 Miniature Circuit Breaker Z-Char., 10kA, 10A, 4P |

| 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) 11.2 kA  |
| Energy Limiting Class                                       | 3   |
| Number of Protected Poles                                   | 4   |
| Number of Poles   | 4P  |
| 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 60898-1 400 V<br>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 ( $I_n$ )                              | 10 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   | 9.6 W<br>at Rated Operating Conditions per Pole 3.2 W     |
| Overvoltage Category                                 | III   |

## Technical UL/CSA

|                                    |   |
|------------------------------------|---|
| Interrupting Rating acc. to UL1077 | (125 V DC) 10 kA<br>(480Y / 277 V AC) 10 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 | 4.0      |
| Product Net Width                   | 70 mm    |
| Product Net Height                  | 88 mm    |
| Product Net Depth / Length          | 69 mm    |
| Product Net Weight                  | 0.448 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm    |

## Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 2 piece |
| Package Level 1 Gross Weight | 0.916 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

