PRODUCT-DETAILS

# ST204M-Z0.5

## Miniature Circuit Breaker - ST200M - 4P - 0.5 A - Z

### General Information

| | |
|---|---|
| Extended Product Type | ST204M-Z0.5 |
| Product ID | 2CDS274334R0158 |
| EAN | 4016779028288 |
| Catalog Description | Miniature Circuit Breaker - ST200M - 4P - 0.5 A - Z |
| Long Description | ST204M-Z0,5 Miniature Circuit Breaker ST204M-Z0,5 Miniature Circuit Breaker Z-Char., 10kA, 0,5A, 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 |

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| | |
|---|---|
| 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 mm²<br>Rigid 35 ... 35 mm² |
| 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 ($I_n$) | 0.5 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 | 5.4 W<br>at Rated Operating Conditions per Pole 1.8 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

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|---|---|
| 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 |

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| | |
|---|---|
| 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 | 0.448 kg |
| Built-In Depth ($t_2$) | 69 mm |

## Ordering

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|---|---|
| Package Level 1 Units | carton 2 piece |
| Package Level 1 Gross Weight | 0.916 kg |
| Replacement Product ID (NEW) | No replacement |

## 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) |

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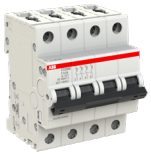
Subject to change without notice

| | |
|---|---|
| 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<br>IEC/EN 60947-2<br>UL 1077 |
| Certification Agency | CSA<br>EN<br>IEC<br>UL |

## Categories

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



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