



 PRODUCT-DETAILS

ST204M-Z6

Miniature Circuit Breaker - ST200M - 4P - 6 A - Z



General Information

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|-----------------------|---|
| Extended Product Type | ST204M-Z6 |
| Product ID | 2CDS274334R0378 |
| EAN | 4016779028868 |
| Catalog Description | Miniature Circuit Breaker - ST200M - 4P - 6 A - Z |
| Long Description | ST204M-Z6 Miniature Circuit Breaker ST204M-Z6 Miniature Circuit Breaker Z-Char., 10kA, 6A, 4P |

ABB EcoSolutions

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|---|---|
| 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

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|---|---|
| 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) 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 ² Rigid 35 ... 35 mm ² |
| Terminal Type | Double Clamp |

Electrical

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|--|---|
| Tripping Characteristic | Z |
| 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) | 6 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 W at Rated Operating Conditions per Pole 2 W |
| Overvoltage Category | III |

Technical UL/CSA

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|------------------------------------|---|
| Interrupting Rating acc. to UL1077 | (125 V DC) 10 kA (480Y / 277 V AC) 10 kA |
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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

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|-------------------------|--------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 3 |

Dimensions

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|-------------------------------------|----------|
| 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 |

Certificates and Declarations

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

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 9AKK107046A3150 |
|--------------------------|-----------------|

Popular Downloads

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

External Classifications and Standards

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|---------|--|
| 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

Categories

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

