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 PRODUCT-DETAILS

## M201M-K25

### Miniature Circuit Breaker - M200M - 1P - 25 A - K - (230 V) 10 kA




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**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | M201M-K25   |
| Product ID            | 2TAZ114100R0257   |
| EAN                   | 6957625372439   |
| Catalog Description   | Miniature Circuit Breaker - M200M - 1P - 25 A - K - (230 V) 10 kA |
| Long Description      | M201M-K25 MCB (magnetic only) K-Char., 10kA, 1P, 25A              |

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**ABB EcoSolutions**

|   |   |
|---|---|
| ABB EcoSolutions                                  | Yes   |
| EcoSolutions Profile                              | 9AKK108471A1001   |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 91.45 %                                      |
| ABB Site Meeting Group Waste To Landfill Target   | No non-hazardous waste is sent to a landfill<br>UL 2799 Zero Waste To Landfill Validation available |
| Sustainable Material Content in Packaging (wt. %) | Recycled Cardboard - 100 %  |
| Extended Product Lifetime                         | Product Durability  |

|  |                 |
|--|-----------------|
| End Of Life<br>Disassembling<br>Instructions | 9AKK108469A7114 |
| Environmental Product<br>Declaration - EPD   | 9AKK108468A8287 |

## Technical

|   |   |
|---|---|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (230 V AC) 10 kA  |
| Energy Limiting Class                                       | 3   |
| Number of Protected Poles                                   | 1   |
| Number of Poles   | 1P  |
| Release Type  | K   |
| Options Provided  | Magnetic only protection  |
| Accessories Available                                       | Yes   |
| Connecting Capacity   | Flexible 1 ... 25 mm <sup>2</sup><br>Rigid 1 ... 35 mm <sup>2</sup> |

## Electrical

|  |   |
|--|---|
| Tripping Characteristic                              | K   |
| Rated Voltage ( $U_r$ )                              | 230 V   |
| Rated Operational Voltage                            | 230 V AC  |
| Rated Insulation Voltage ( $U_i$ )                   | 440 V   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )        | 4 kV  |
| Input Voltage Type                                   | AC  |
| Rated Current ( $I_n$ )                              | 25 A  |
| Rated Short-Circuit Capacity                         | (230 V) 10 kA   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (230 V) 10 kA   |
| Rated Frequency (f)                                  | 50 / 60 Hz  |
| Power Loss   | Total 1.3 W<br>at Rated Operating Conditions per Pole 1.3 W |
| Overvoltage Category                                 | III   |

## Material Compliance

|   |  |
|---|--|
| RoHS Information                            | No declaration needed                                      |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |
| 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 | 1        |
| Product Net Width                   | 0.018 m  |
| Product Net Height                  | 0.088 m  |
| Product Net Depth / Length          | 0.044 m  |
| Product Net Weight                  | 0.140 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm    |

## Ordering

|                              |              |
|------------------------------|--------------|
| Package Level 1 Units        | box 12 piece |
| Package Level 1 Gross Weight | 1.43 kg      |

## Certificates and Declarations

|                                |                       |
|--------------------------------|-----------------------|
| Declaration of Conformity - CE | No declaration needed |
|--------------------------------|-----------------------|

## Installation

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 9AKK107046A9501 |
|--------------------------|-----------------|

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 4TRC000000D1901 |
|-----------------------------------|-----------------|

## External Classifications and Standards

|           |  |
|-----------|--|
| ETIM 9    | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 10   | EC000042 - Miniature circuit breaker (MCB) |
| eClass    | V11.0 : 27141901                           |
| Standards | IEC/EN 60947-2<br>GB 14048                 |

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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 → M200M

