



PRODUCT-DETAILS

# ST203M-K1NA

## Miniature Circuit Breaker - ST200M - 3P+N - 1 A - K



| General Information   |                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------|
| Extended Product Type | ST203M-K1NA                                                                                          |
| Product ID            | 2CDS273335R0217                                                                                      |
| EAN                   | 4016779026222                                                                                        |
| Catalog Description   | Miniature Circuit Breaker - ST200M - 3P+N - 1 A - K                                                  |
| Long Description      | ST203M-K1NA Miniature Circuit Breaker ST203M-K1NA Miniature Circuit Breaker K-Char., 10kA, 1A, 3P+NA |

| Technical                                           |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| Standards                                           | CSA 22.2 No. 235<br>IEC/EN 60947-2<br>UL 1077 |
| Tripping Characteristic                             | K                                             |
| Rated Operational Voltage                           | acc. to IEC 60947-2 400 V AC                  |
| Rated Insulation Voltage (U <sub>i</sub> )          | acc. to IEC/EN 60664-1 440 V                  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV                                          |

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|                                                                   |                                                                       |
|-------------------------------------------------------------------|-----------------------------------------------------------------------|
| Input Voltage Type                                                | AC                                                                    |
| Rated Current (I <sub>n</sub> )                                   | 1 A                                                                   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (400 V AC) 15 kA<br>(400 V) 15 kA                                     |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> )        | (230 V) 15 kA<br>(400 V) 15 kA                                        |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | (400 V AC) 11.2 kA                                                    |
| Rated Frequency (f)                                               | 50 / 60 Hz                                                            |
| Power Loss                                                        | 2.7 W<br>at Rated Operating Conditions per Pole 2.7 W                 |
| Energy Limiting Class                                             | 3                                                                     |
| Number of Protected Poles                                         | 3                                                                     |
| Number of Poles                                                   | 3P+N                                                                  |
| Overvoltage Category                                              | III                                                                   |
| Accessories Available                                             | Yes                                                                   |
| Connecting Capacity                                               | Flexible 25 ... 25 mm <sup>2</sup><br>Rigid 35 ... 35 mm <sup>2</sup> |
| Terminal Type                                                     | Double Clamp                                                          |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 2CDK400679D2703                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20221214                                                               |
| REACH Declaration                           | 9AKK107492A1906                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| REACH Date                                  | 20240821                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |

Environmental

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

Technical UL/CSA

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

Dimensions

|                                     |       |
|-------------------------------------|-------|
| Width in Number of Modular Spacings | 4.0   |
| Product Net Width                   | 70 mm |
| Product Net Height                  | 88 mm |
| Product Net Depth /                 | 69 mm |

|                                  |         |
|----------------------------------|---------|
| Length                           |         |
| Product Net Weight               | 0.46 kg |
| Built-In Depth (t <sub>2</sub> ) | 69 mm   |

Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 1 piece |
| Package Level 1 Gross Weight | 0.52 kg        |

Certificates and Declarations

|                                  |                        |
|----------------------------------|------------------------|
| Declaration of Conformity - CE   | 2CDK400679D2703        |
| Declaration of Conformity - UKCA | 9AKK108467A5200        |
| Certification Agency             | CSA<br>EN<br>IEC<br>UL |

Installation

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

Popular Downloads

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

Classifications

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| ETIM 8                             | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 9                             | EC000042 - Miniature circuit breaker (MCB)                 |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                     | Business To Business                                       |
| CN8                                | 8536 20 10                                                 |
| UNSPSC                             | 39121603                                                   |
| eClass                             | V11.0 : 27141901                                           |
| IDEA Granular Category Code (IGCC) | 4899 >> Miniature circuit breaker (MCB) screw-in model     |

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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

