

PRODUCT-DETAILS

# ST201M-D50NA

## ST201M-D50NA Miniature Circuit Breaker - 2P - D - 50 A



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | ST201M-D50NA   |
| Product ID            | 2CDS271335R0501  |
| EAN                   | 4016779020428  |
| Catalog Description   | ST201M-D50NA Miniature Circuit Breaker - 2P - D - 50 A   |
| Long Description      | ST201M-D50NA Miniature Circuit Breaker ST201M-D50NA Miniature Circuit Breaker D-Char., 5kA, 50A, 1P+NA |

### Technical

|   |   |
|---|---|
| Standards   | CSA 22.2 No. 235<br>IEC/EN 60947-2<br>UL 1077 |
| Tripping Characteristic                             | D   |
| Rated Operational Voltage                           | acc. to IEC 60947-2 230 V                     |
| 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  |
| Input Voltage Type                                  | AC  |
| Rated Current (I <sub>n</sub> )                     | 50 A  |
| Rated Ultimate Short-Circuit Breaking               | (230 V AC) 15 kA                              |

|  |   |
|--|---|
| Capacity ( $I_{cu}$ )                                      |   |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )       | (230 V) 15 kA<br>(400 V) 15 kA  |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ) | (230 V AC) 7.5 kA   |
| Rated Frequency (f)  | 50 ... 60 Hz  |
| Energy Limiting Class                                      | 3   |
| Number of Poles  | 2   |
| Number of Protected Poles                                  | 1   |
| 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  |

## Environmental

|   |  |
|---|--|
| Ambient Air Temperature                     | Operation -25 ... +55 °C   |
| Degree of Protection                        | IP20   |
| Pollution Degree                            | 3  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Information                            | 2CDK400679D2704  |
| REACH Declaration                           | 9AKK107492A1906  |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |

## Technical UL/CSA

|                                    |                 |
|------------------------------------|-----------------|
| Interrupting Rating acc. to UL1077 | (277 V AC) 5 kA |
|------------------------------------|-----------------|

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2       |
| Product Net Width                   | 35 mm   |
| Product Net Height                  | 88 mm   |
| Product Net Depth / Length          | 69 mm   |
| Product Net Weight                  | 0.23 kg |
| Built-In Depth ( $t_2$ )            | 69 mm   |

## Ordering

|                              |                |
|------------------------------|----------------|
| Minimum Order Quantity       | 1 piece        |
| Package Level 1 Units        | carton 1 piece |
| Package Level 1 Gross Weight | 0.26 kg        |

## Certificates and Declarations

|                      |     |
|----------------------|-----|
| Certification Agency | CSA |
|----------------------|-----|

EN  
IEC  
UL

Declaration of Conformity - CE 2CDK400679D2704

### 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     |

### Categories

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

