



PRODUCT-DETAILS

# ST202M-D7

## Miniature Circuit Breaker - ST200M - 2P - 7 A - D



| General Information   |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Extended Product Type | ST202M-D7                                                                                     |
| Product ID            | 2CDS272334R0071                                                                               |
| EAN                   | 4016779021364                                                                                 |
| Catalog Description   | Miniature Circuit Breaker - ST200M - 2P - 7 A - D                                             |
| Long Description      | ST202M-D7 Miniature Circuit Breaker ST202M-D7 Miniature Circuit Breaker D-Char., 10kA, 7A, 2P |

| 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                                               |

Environmental Product  
Declaration - EPD

9AKK108467A7832

## Technical

|                                                             |                                                                       |
|-------------------------------------------------------------|-----------------------------------------------------------------------|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (125 V DC) 15 kA<br>(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                                   | 2                                                                     |
| Number of Poles                                             | 2P                                                                    |
| Accessories Available                                       | Yes                                                                   |
| Connecting Capacity                                         | Flexible 25 ... 25 mm <sup>2</sup><br>Rigid 35 ... 35 mm <sup>2</sup> |
| Terminal Type                                               | Double Clamp                                                          |

## Electrical

|                                                      |                                |
|------------------------------------------------------|--------------------------------|
| Tripping Characteristic                              | D                              |
| 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 ( $I_n$ )                              | 7 A                            |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (230 V) 15 kA<br>(400 V) 15 kA |
| Rated Frequency (f)                                  | 50 / 60 Hz                     |
| Overvoltage Category                                 | III                            |

## Technical UL/CSA

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

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| 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                                                        |
| Toxic Substances Control Act - TSCA         | 9AKK108468A8104                                                        |

|                |                                                            |
|----------------|------------------------------------------------------------|
| SCIP           | 171856b6-03a8-4c04-9bae-ec01c5a7d7da Germany               |
| 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 | 2.0      |
| Product Net Width                   | 35 mm    |
| Product Net Height                  | 88 mm    |
| Product Net Depth / Length          | 69 mm    |
| Product Net Weight                  | 0.224 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm    |

Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 5 piece |
| Package Level 1 Gross Weight | 1.16 kg        |

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)             |
| UNSPSC                 | 39121603                                               |
| eClass                 | V11.0 : 27141901                                       |
| IDEA Granular Category | 4899 >> Miniature circuit breaker (MCB) screw-in model |

|                      |                                               |
|----------------------|-----------------------------------------------|
| Code (IGCC)          |                                               |
| 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



360°

