



PRODUCT-DETAILS

# ST204M-B20

## Miniature Circuit Breaker - ST200M - 4P - 20 A - B



| General Information   |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Extended Product Type | ST204M-B20                                                                                       |
| Product ID            | 2CDS274334R0205                                                                                  |
| EAN                   | 4016779028400                                                                                    |
| Catalog Description   | Miniature Circuit Breaker - ST200M - 4P - 20 A - B                                               |
| Long Description      | ST204M-B20 Miniature Circuit Breaker ST204M-B20 Miniature Circuit Breaker B-Char., 10kA, 20A, 4P |

| Technical                                           |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| Standards                                           | CSA 22.2 No. 235<br>IEC/EN 60947-2<br>UL 1077 |
| Tripping Characteristic                             | B                                             |
| 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> )                                   | 20 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                                                        | 4 W<br>at Rated Operating Conditions per Pole 2 W                     |
| Energy Limiting Class                                             | 3                                                                     |
| Number of Protected Poles                                         | 4                                                                     |
| Number of Poles                                                   | 4P                                                                    |
| 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                                                        |
| SCIP                                        | 171856b6-03a8-4c04-9bae-ec01c5a7d7da Germany (DE)                      |

Environmental

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

Technical UL/CSA

|                                    |                                             |
|------------------------------------|---------------------------------------------|
| Interrupting Rating acc. to UL1077 | (125 V DC) 10 kA<br>(480V / 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 / Length       | 69 mm   |
| 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

