



PRODUCT-DETAILS

SU202M-C25

Miniature Circuit Breaker - SU200M - 2P - 25 A - C



| General Information | |
|-----------------------|---|
| Extended Product Type | SU202M-C25 |
| Product ID | 2CDS272337R0254 |
| EAN | 4016779931120 |
| Catalog Description | Miniature Circuit Breaker - SU200M - 2P - 25 A - C |
| Long Description | SU202M-C25 Miniature Circuit Breaker C-Char., 10kA, 25A, 2P UL489 |

| Technical | |
|---|---|
| Tripping Characteristic | C |
| Rated Operational Voltage | acc. to IEC 60898-1 440 V AC acc. to IEC 60898-1 440 V 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 at 2000 m 5 kV at Sea Level 6.2 kV |
| Input Voltage Type | AC/DC |
| Rated Current (I _n) | 25 A |

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| Rated Short-Circuit Capacity | (400 V AC) 11.2 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (400 V AC) 15 kA (400 V) 15 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | (400 V) 15 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (400 V AC) 11.2 kA |
| Rated Frequency (f) | 50 / 60 Hz DC |
| Power Loss | 6.4 W at Rated Operating Conditions per Pole 3.2 W |
| Power Supply Connection | Arbitrary |
| Contact Position Indication | Red ON / Green OFF |
| Energy Limiting Class | 3 |
| Mechanical Endurance | 20000 cycle |
| Number of Protected Poles | 2 |
| Number of Poles | 2P |
| Overvoltage Category | III |
| Tightening Torque | 2.8 N·m |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| Actuator Marking | I / O |
| Actuator Material | Insulation Group II, Black, Sealable |
| Housing Material | Insulation Group I, RAL 7035 |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | Yes |
| Connecting Capacity | Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ² |
| Installation Size | acc. to DIN 43880 3 |
| Terminal Type | Double Clamp |

Material Compliance

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| RoHS Information | 2CDK400595D2705 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20200514 |
| REACH Declaration | 9AKK107492A1906 |
| REACH Information | True - contains substances > 0.1 mass percentage |
| REACH Date | 20240821 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |
| SCIP | 89318623-ff2d-4ce0-ae0e-5d16fac11138 Germany (DE) |

Environmental

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|--|---|
| Ambient Air Temperature | Operation -25 ... +55 °C Storage -40 ... +70 °C |
| Degree of Protection | IP20 IP40 Enclosure with Cover IP40 |
| Pollution Degree | 3 |
| Environmental Conditions | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |
| Resistance to Vibrations | 20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g 2 shocks 13 ms |
| Environmental Information | 9AKK107680A9140 |

Technical UL/CSA

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|-----------------------------------|--|
| Maximum Operating Voltage UL/CSA | 480Y / 277 V AC 96 V DC |
| Interrupting Rating acc. to UL489 | (240 V AC) 10 kA (480Y / 277 V AC) 10 kA (96 V DC) 10 kA |
| Connecting Capacity UL/CSA | Busbar 18-8 AWG Conductor 18-4 AWG |

Dimensions

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|-------------------------------------|----------|
| Width in Number of Modular Spacings | 2.0 |
| Product Net Width | 35 mm |
| Product Net Height | 111 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Weight | 0.25 kg |
| Pole Net Weight | 0.125 kg |
| Built-In Depth (t ₂) | 69 mm |

Ordering

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|------------------------------|----------------|
| Package Level 1 Units | carton 1 piece |
| Package Level 1 Gross Weight | 0.27 kg |
| E-Number (Finland) | 3211269 |

Certificates and Declarations

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| Declaration of Conformity - CE | 2CDK400595D2705 |
| Declaration of Conformity - UKCA | 9AKK108467A5201 |

Installation

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| Instructions and | 2CDC002177D0202 |
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Manuals

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC002177D0202 |
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External Classifications and Standards

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|------------------------------------|--|
| 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 |
| Standards | CSA 22.2 No. 5 IEC/EN 60947-2 UL 489 |
| Certification Agency | CSA EN IEC UL |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--------------------------|-----------|----------|-----------------|
| 2CCA880100R0001 | Sensor | CMS-100PS | 1 | piece |
| 2CCA880101R0001 | Sensor | CMS-101PS | 1 | piece |
| 2CCA880102R0001 | Sensor | CMS-102PS | 1 | piece |
| 2CDS200914R0001 | Auxiliary Contact | S2C-H6RU | 1 | piece |
| 2CDS200924R0001 | Signal/Auxiliary Contact | S2C-S6RU | 1 | piece |
| 2CDS200908R0001 | Shunt Trip | S2C-A1U | 1 | piece |
| 2CDS200908R0002 | Shunt Trip | S2C-A2U | 1 | piece |

Categories

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

