

PRODUCT-DETAILS

SU201M-C20

Miniature Circuit Breaker - SU200M - 1P - C - 20 ampere



General Information

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|-----------------------|---|
| Extended Product Type | SU201M-C20 |
| Product ID | 2CDS271337R0204 |
| EAN | 4016779930888 |
| Catalog Description | Miniature Circuit Breaker - SU200M - 1P - C - 20 ampere |
| Long Description | SU201M-C20 Miniature Circuit Breaker C-Char., 10kA, 20A, 1P UL489 |

Technical

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|------------------------------------|---|
| Standards | CSA 22.2 No. 5 IEC/EN 60947-2 UL 489 |
| Number of Poles | 1 |
| Number of Protected Poles | 1 |
| Tripping Characteristic | C |
| Rated Current (I_n) | 20 A |
| Rated Operational Voltage | acc. to IEC 60947-2 230 V AC |
| Power Loss | 2,5 W at Rated Operating Conditions per Pole |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 440 V |
| Rated Frequency (f) | DC 50 Hz 60 Hz |
| Rated Ultimate Short- | (230 V AC) 15 kA |

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| Circuit Breaking Capacity (I_{cu}) | (230 V AC) 11.3 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | |
| Overvoltage Category | III |
| Pollution Degree | 3 |
| Rated Impulse Withstand Voltage (U_{imp}) | (5.0 kV @ 2000 m) (6.2 kV @ sea level) 4 kV |
| Housing Material | Insulation Group I, RAL 7035 |
| Actuator Material | Insulation Group II, Black, Sealable |
| Actuator Marking | I / O |
| Contact Position Indication | Red ON / Green OFF |
| Degree of Protection | IP20 |
| Remarks | IP40 in enclosure with cover 20000 cycle |
| Terminal Type | Screw Terminals |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| Connecting Capacity | Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ² |
| Tightening Torque | 2.8 N·m |
| Recommended Screw Driver | Pozidriv 2 |
| Mounting on DIN Rail | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | Any |
| Built-In Depth (t_2) | 69 mm |
| Installation Size | acc. to DIN 43880 3 |
| Power Supply Connection | Arbitrary |

Environmental

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| Ambient Air Temperature | Operation -25 ... +55 °C Storage -40 ... +70 °C |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g / 2 shocks / 13 ms |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Environmental Conditions | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |
| RoHS Status | Following EU Directive 2011/65/EU |

Technical UL/CSA

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|------------------------------------|---------------------------------------|
| Maximum Operating Voltage UL/CSA | 277 V AC 48 V DC |
| Connecting Capacity UL/CSA | Busbar 18-8 AWG Conductor 18-4 AWG |
| Interrupting Rating acc. to UL1077 | (277 V AC) 10 kA |
| Interrupting Rating acc. to UL489 | (277 V AC) 10 kA (48 V DC) 10 kA |

Dimensions

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| Product Net Width | 17.5 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Height | 111 mm |
| Product Net Weight | 0.125 kg |

Container Information

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|--------------------------------|----------------|
| Package Level 1 Units | carton 1 piece |
| Package Level 1 Width | 25 mm |
| Package Level 1 Depth / Length | 116 mm |
| Package Level 1 Height | 79 mm |
| Package Level 1 Gross Weight | 0.135 kg |
| Package Level 1 EAN | 4016779930888 |
| Package Level 2 Units | 72 piece |
| Package Level 2 Width | 35 mm |
| Package Level 2 Depth / Length | 395 mm |
| Package Level 2 Height | 210 mm |
| Package Level 2 Gross Weight | 16 kg |
| Package Level 2 EAN | 4016779937702 |

Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362010 |

Certificates and Declarations (Document Number)

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CDK400595D2704 |
| Instructions and Manuals | 2CDC002177D0202 |
| RoHS Information | 2CDK400595D2704 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC002177D0202 |
| Instructions and Manuals | 2CDC002177D0202 |

Classifications

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|--------|--|
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| eClass | 7.0 27141901 |
| UNSPSC | 39121614 |

Categories

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

