

SU201M-K25



General Information

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|------------------------|---|
| Extended Product Type: | SU201M-K25 |
| Product ID: | 2CDS271337R0517 |
| EAN: | 4016779930147 |
| Catalog Description: | Miniature Circuit Breaker - SU200M - 1P - K - 25 A |
| Long Description: | SU201M-K25 Miniature Circuit Breaker K-Char., 10kA, 25A, 1P UL489 |

Categories

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|---|
| Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs |
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Ordering

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| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85362010 |
| EAN: | 4016779930147 |

Dimensions

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

Container Information

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| Package Level 1 Width: | 121 mm |
| Package Level 1 Length: | 191 mm |
| Package Level 1 Height: | 82 mm |
| Package Level 1 Gross Weight: | 1.3 kg |
| Package Level 1 EAN: | 4016779934404 |
| Package Level 2 Units: | 72 piece |
| Package Level 2 Width: | 35 mm |
| Package Level 2 Length: | 395 mm |
| Package Level 2 Height: | 210 mm |
| Package Level 2 Gross Weight: | 16 kg |
| Package Level 2 EAN: | 4016779938204 |
| Package Level 1 Units: | 10 piece |

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 % |

Technical

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| Number of Poles: | 1 |
| Tripping Characteristic: | K |
| Rated Current (I _n): | 25 A |
| Rated Operational Voltage: | acc. to IEC 60947-2 230 V AC |
| Power Loss: | 3,2 W at Rated Operating Conditions per Pole 3,2 W |
| Rated Insulation Voltage (U _i): | acc. to IEC/EN 60664-1 440 V |
| Rated Frequency (f): | 50 Hz 60 Hz DC Hz |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}): | 15 kA 15 kA (DC) kA |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}): | 11.2 kA |
| Overvoltage Category: | III |
| Pollution Degree: | 3 |

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| Rated Impulse Withstand Voltage (U_{imp}): | 4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m) |
| Dielectric Test Voltage: | 50 / 60 Hz, 1 min: 2 kV |
| Housing Material: | Insulation Group I, RAL 7035 |
| Contact Position Indication: | Red ON / Green OFF |
| Degree of Protection: | IP20 |
| Remarks: | IP40 in enclosure with cover |
| Electrical Endurance: | 20000 AC cycle |
| Mechanical Endurance: | 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 |
| Standards: | CSA 22.2 No. 5 IEC/EN 60947-2 UL 489 |

Technical UL/CSA

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| Connecting Capacity UL/CSA: | Busbar 18 ... 8 AWG Conductor 18 ... 4 AWG |
| Maximum Operating Voltage UL/CSA: | 277 V AC |

Certificates and Declarations (Document Number)

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|---|---------------------------------|
| Instructions and Manuals: | 2CDC002177D0202 |
| Data Sheet, Technical Information: | 2CDC002177D0202 |
| Declaration of Conformity - CE: | 2CDK400595D2701 |
| RoHS Information: | 2CDK400596D0201 |

Classifications

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|----------------|--|
| ETIM 5: | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 6: | EC000042 - Miniature circuit breaker (MCB) |
| eClass: | 7.0 27141901 |
| UNSPSC: | 39121614 |

