

# SU201M-K2



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

## General Information

<b>Extended Product Type:</b>	SU201M-K2
<b>Product ID:</b>	2CDS271337R0277
<b>EAN:</b>	4016779930024
<b>Catalog Description:</b>	Miniature Circuit Breaker - SU200M - 1P - K - 2 A
<b>Long Description:</b>	SU201M-K2 Miniature Circuit Breaker K-Char., 10kA, 2A, 1P UL489

## Additional Information

<b>Actuator Material:</b>	Insulation Group II, Black, Sealable
<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Built-In Depth (t<sub>2</sub>):</b>	69 mm
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
<b>Connecting Capacity UL/CSA:</b>	Busbar 18-8 AWG Conductor 18-4 AWG
<b>Contact Position Indication:</b>	Red ON / Green OFF
<b>Country of Origin:</b>	Bulgaria (BG)
<b>Customs Tariff Number:</b>	85362010
<b>Data Sheet, Technical Information:</b>	2CDC002177D0202
<b>Declaration of Conformity - CE:</b>	2CDK400595D2702
<b>Degree of Protection:</b>	IP20
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>EAN:</b>	4016779930024
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Protection devices / General
<b>EPLAN Function Definition:</b>	Circuit breaker / Single circuit breaker / Circuit breaker 1_2
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Environmental Conditions:</b>	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Installation Size:</b>	acc. to DIN 43880 3
<b>Instructions and Manuals:</b>	2CDC002177D0202
<b>Interrupting Rating acc. to UL1077:</b>	(277 V AC) 10 kA
<b>Invoice Description:</b>	SU201M-K2 Miniature Circuit Breaker K-Char., 10kA, 2A, 1P
<b>Maximum Operating Voltage UL/CSA:</b>	277 V AC
<b>Mechanical Endurance:</b>	20000 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Mounting Position:</b>	Any
<b>Mounting on DIN Rail:</b>	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
<b>Number of Poles:</b>	1
<b>Number of Protected Poles:</b>	1

<b>Overvoltage Category:</b>	III
<b>Package Level 1 EAN:</b>	4016779934282
<b>Package Level 1 Gross Weight:</b>	1.3 kg
<b>Package Level 1 Height:</b>	82 mm
<b>Package Level 1 Length:</b>	191 mm
<b>Package Level 1 Units:</b>	10 piece
<b>Package Level 1 Width:</b>	121 mm
<b>Package Level 2 EAN:</b>	4016779938082
<b>Package Level 2 Gross Weight:</b>	16 kg
<b>Package Level 2 Height:</b>	210 mm
<b>Package Level 2 Length:</b>	395 mm
<b>Package Level 2 Units:</b>	72 piece
<b>Package Level 2 Width:</b>	35 mm
<b>Pole Net Weight:</b>	0.125 kg
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	1,8 W at Rated Operating Conditions per Pole 1,8 W
<b>Power Supply Connection:</b>	Arbitrary
<b>Product Main Type:</b>	SU200M
<b>Product Name:</b>	Miniature Circuit Breaker
<b>Product Net Depth:</b>	69 mm
<b>Product Net Height:</b>	111 mm
<b>Product Net Weight:</b>	0.125 kg
<b>Product Net Width:</b>	17.5 mm
<b>Rated Current (<math>I_n</math>):</b>	2 A
<b>Rated Frequency (f):</b>	50 Hz 60 Hz DC Hz
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC/EN 60664-1 440 V
<b>Rated Operational Voltage:</b>	acc. to IEC 60947-2 230 V AC
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(230 V AC) 11.2 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(230 V AC) 15 kA
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Reference Ambient Air Temperature:</b>	30 °C
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	25g / 2 shocks / 13 ms
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
<b>RoHS Information:</b>	2CDK400596D0201
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Selling Unit of Measure:</b>	piece
<b>Standards:</b>	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489

**Terminal Type:** Screw Terminals

**Tightening Torque:** 2.8 N·m

**Tripping Characteristic:** K

**UNSPSC:** 39121614

**Width in Number of Modular Spacings:** 1

**eClass:** 7.0 27141901

**Accessories Available:** Yes

