

## Detailed information for: SU202PR-K50

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[Data Sheet](#) Documentation

### SU202PR-K50

#### General Information

<b>Extended Product Type:</b>	SU202PR-K50
<b>Product ID:</b>	ZCDS272327R05177
<b>EAN:</b>	4016779848336
<b>Catalog Description:</b>	Miniature Circuit Breaker - SU200PR - 2P - K
<b>Long Description:</b>	SU202PR-K50 MCB K-Char., 10kA, 50A, 2P, RTT UL 489, Ring Cable Lug



#### Categories

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



#### + Accessories

##### Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362010

##### Popular Downloads

<b>Data Sheet, Technical Information:</b>	<a href="#">ZCDC002139D0201</a>
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##### Dimensions

<b>Product Net Width:</b>	35 mm
<b>Product Net Depth:</b>	69 mm
<b>Product Net Height:</b>	115 mm
<b>Product Net Weight:</b>	0.28 kg

##### Technical

<b>Standards:</b>	IEC/EN 60947-2 UL 489 CSA 22.2 No. 5
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<b>Number of Poles:</b>	2
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<b>Tripping Characteristic:</b>	K
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<b>Rated Current (I<sub>n</sub>):</b>	50 A
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<b>Rated Operational Voltage:</b>	acc. to IEC 60947-2 400 V AC
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<b>Power Loss:</b>	8.5 W at Rated Operating Conditions per Pole 4.25 W
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<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	acc. to IEC/EN 60664-1 440 V
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<b>Operational Voltage:</b>	Maximum (Incl. Tolerance) 440 V AC Minimum 32 V AC
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<b>Rated Frequency (f):</b>	50 Hz 60 Hz
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<b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b>	(400 V AC) 15 kA
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<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	(400 V AC) 7.5 kA
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<b>Energy Limiting Class:</b>	3
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<b>Overvoltage Category:</b>	III
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<b>Pollution Degree:</b>	2
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<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6.2 kV @ sea level (5.5 kV @ 2500 m)
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<b>Dielectric Test Voltage:</b>	57 / 60 Hz, 1 min, 2 kV
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<b>Housing Material:</b>	Insulation Group I, RAL 7035
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<b>Actuator Type:</b>	Insulation group II, black, available
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<b>Contact Position Indication:</b>	Red ON / Green OFF
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<b>Degree of Protection:</b>	IP20
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<b>Remarks:</b>	IP40 in enclosure with cover
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<b>Electrical Endurance:</b>	10000 AC cycle
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<b>Mechanical Endurance (N<sub>mech</sub>):</b>	20000 cycle
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<b>Terminal Type:</b>	Ring-Tongue Terminals
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<b>Screw Terminal Type:</b>	Ring-Tongue Terminal with Captive Screw
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<b>Tightening Torque:</b>	2.8 Nm
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<b>Recommended Screw Driver:</b>	Posidriv Z
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<b>Mounting on DIN Rail:</b>	TH35 S (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-IS (35 x 15 mm Mounting Rail) acc. to IEC 60715
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<b>Mounting Position:</b>	Any
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<b>Environmental</b>	
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<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
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<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	25g / 2 shocks / 13 ms
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<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
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<b>Environmental Conditions:</b>	28 cycles with 35 °C / 90-98 % and 25 °C / 95-100 %
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<b>Technical UL/CSA</b>	
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<b>Maximum Operating Voltage UL/CSA:</b>	240 V AC
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<b>Connecting Capacity UL/CSA:</b>	Conductor 18-4 AWG
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<b>Tightening Torque UL/CSA:</b>	25 in lb
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<b>Interrupting Rating acc. to UL1077:</b>	10 kA
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<b>Short-Circuit Current Rating (SCCR):</b>	10 kA
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<b>Certificates and Declarations (Document Number)</b>	
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<b>Declaration of Conformity - CE:</b>	<a href="#">ZCD64005880202</a>
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<b>Environmental Information:</b>	<a href="#">ZCD6400300201</a>
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<b>Instructions and Manuals:</b>	<a href="#">ZCDC002139D0201</a>
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<b>Container Information</b>	
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<b>Package Level 1 Units:</b>	5 piece
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<b>Package Level 1 Width:</b>	121 mm
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<b>Package Level 1 Length:</b>	191 mm
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<b>Package Level 1 Height:</b>	82 mm
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<b>Package Level 1 Gross Weight:</b>	1.45 kg
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<b>Package Level 1 EAN:</b>	4016779850339
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<b>Package Level 2 EAN:</b>	401677983846
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<b>Classifications</b>	
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<b>Object Classification Code:</b>	F
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<b>ETH A:</b>	EC000042 - Miniature circuit breaker (MCB)
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<b>ETH B:</b>	EC000042 - Miniature circuit breaker (MCB)
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<b>ETH C:</b>	EC000042 - Miniature circuit breaker (MCB)
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<b>Clear:</b>	7.0 27A1901
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<b>UNSPSC:</b>	3922614
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<b>Contact information</b>	
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