

## M6/8.1

ABB contact for United  
States of America



### General Information

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<b>Extended Product Type:</b>	M6/8.1
<b>Product ID:</b>	1SNA105128R2200
<b>EAN:</b>	3472591051285
<b>Catalog Description:</b>	M6/8.1 Screw Clamp Terminal Blocks - Feed-through - Green
<b>Long Description:</b>	M6/8.1 Screw Clamp Terminal Blocks - Feed-through - Green,6mm <sup>2</sup> RatedCrossSection, 8mm Spacing G32, TH 35-7.5, TH 35-15 Rail

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### Categories

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Products » Low Voltage Products and Systems » Connection Devices » Terminal Blocks » Screw Clamp Terminal Blocks

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### Ordering

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<b>EAN:</b>	3472591051285
<b>Minimum Order Quantity:</b>	50 piece
<b>Customs Tariff Number:</b>	85369010

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### Dimensions

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<b>Product Net Width:</b>	8.0 mm
<b>Product Net Height:</b>	44.5 mm
<b>Product Net Length:</b>	40.5 mm
<b>Product Net Depth:</b>	40.5 mm
<b>Product Net Weight:</b>	12.8 g

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### Container Information

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<b>Package Level 1 Units:</b>	50 piece
<b>Package Level 1 Width:</b>	81 mm
<b>Package Level 1 Height:</b>	47 mm
<b>Package Level 1 Length:</b>	220 mm
<b>Package Level 1 Gross Weight:</b>	0.64000 kg
<b>Package Level 1 EAN:</b>	3472591051285
<b>Package Level 2 Units:</b>	1500 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Height:</b>	300 mm
<b>Package Level 2 Length:</b>	500 mm
<b>Package Level 2 Gross Weight:</b>	20.000 kg
<b>Package Level 3 Units:</b>	36000 piece
<b>Product Packing Type:</b>	Box

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### Environmental

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<b>Ambient Air Temperature:</b>	Operation -55 ... +110 °C Storage -55 ... +110 °C
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

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### Technical UL/CSA

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<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V Screw Clamp / Flexible 1x 22 ... 8 AWG
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<b>Connecting Capacity-Main Circuit UL/CSA:</b>	Screw Clamp / Rigid 1x 22 ... 8 AWG
<b>Flammability According to UL94:</b>	V0

### Additional Information

<b>Ambient Temperature:</b>	-5 ... +40 °C
<b>Color:</b>	Green
<b>Connecting Capacity-Main Circuit:</b>	Screw Clamp / Flexible 1x 0.5 ... 6 mm <sup>2</sup> Screw Clamp / Rigid 1x 0.5 ... 10 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 6 mm <sup>2</sup>
<b>Connection Type:</b>	Screw clamp
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>Dielectric Test Voltage:</b>	2000 V
<b>Function:</b>	Feed-through
<b>Gauge Type:</b>	A5
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Insulation Material:</b>	Polyamide
<b>Mounting on DIN Rail:</b>	G32 (32 x 15 mm Mounting Rail) acc. to IEC 60715 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 Levels:</b>	1
<b>Pollution Degree:</b>	3
<b>Product Main Type:</b>	M6/8
<b>Product Name:</b>	Terminal block
<b>Rated Cross-Section:</b>	6 mm <sup>2</sup>
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 41 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1.0s 720 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V
<b>Recommended Screw Driver:</b>	4.5 mm
<b>RoHS Date:</b>	20050818
<b>Spacing:</b>	8 mm
<b>Sub-Function:</b>	2 connections
<b>Sub-Function 2:</b>	With partition
<b>Wire Stripping Length:</b>	12.0 mm

### Certificates and Declarations (Document Number)

<b>CSA Certificate:</b>	1SND161039A0201
<b>cUL Certificate:</b>	1SND161001A0208
<b>Declaration of Conformity - CE:</b>	1SND225001C1009
<b>GOST Certificate:</b>	1SND161005A1104
<b>RoHS Information:</b>	1SND230023F0206

### Classifications

<b>ETIM 4.0:</b>	EC000897 - Feed-through terminal block
<b>ETIM 5.0:</b>	EC000897 - Feed-through terminal block
<b>Object Classification Code:</b>	X



