

# M6/8.1.N



TE Connectivity has acquired the DIN Rail Terminal Block product range from ABB

Products → Low Voltage Products and Systems → Connection Devices → Terminal Blocks → SNA Series

## General Information

<b>Extended Product Type:</b>	M6/8.1.N
<b>Product ID:</b>	1SNA125260R0500
<b>EAN:</b>	3472591252606
<b>Catalog Description:</b>	M6/8.1.N Screw Clamp Terminal Blocks - Feed-through - Blue
<b>Long Description:</b>	- Particularity adapted when many test sockets are used: no circuit separators needed, - Use of jumper bars requires the user to cut out the partition, - Flexibility: snap onto symmetrical and asymmetrical rails.

## Ordering

<b>Color:</b>	Blue
<b>Minimum Order Quantity:</b>	50 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNC160019C0202
<b>Instructions and Manuals:</b>	1SNC160019C0202

## Dimensions

<b>Product Net Width:</b>	8 mm
<b>Product Net Height:</b>	44.5 mm
<b>Product Net Length:</b>	40.5 mm
<b>Product Net Depth / Length:</b>	40.5 mm
<b>Product Net Weight:</b>	12.8 g

## Technical

<b>Rated Cross-Section:</b>	6 mm <sup>2</sup>
<b>Spacing:</b>	8 mm
<b>Connection Type:</b>	Screw clamp
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	1
<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>Gauge Type:</b>	A5
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 41 A

<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1 s 720 A
<b>Rated Voltage (<math>U_r</math>):</b>	1000 V
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2000 V
<b>Pollution Degree:</b>	3
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<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>Wire Stripping Length:</b>	12.0 mm
<b>Recommended Screw Driver:</b>	4.5 mm
<b>Tightening Torque:</b>	acc. IEC 60947-1 0.8 N·m Manufacturer 1 N·m

## Technical UL/CSA

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

## Environmental

<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

## Certificates and Declarations (Document Number)

<b>CSA Certificate:</b>	1SND161039A0201
<b>cUL Certificate:</b>	1SND161001A0209
<b>Declaration of Conformity - CE:</b>	1SND225014U1000
<b>EAC Certificate:</b>	1SND161009A1100
<b>Environmental Information:</b>	1SND220001E1002
<b>Instructions and Manuals:</b>	1SNC160019C0202
<b>RMRS Certificate:</b>	1SND161007A1101
<b>RoHS Information:</b>	1SND230023F0208

## Classifications

<b>Object Classification Code:</b>	X
<b>ETIM 4:</b>	EC000897 - Feed-through terminal block
<b>ETIM 5:</b>	EC000897 - Feed-through terminal block
<b>ETIM 6:</b>	EC000897 - Feed-through terminal block

## Container Information

<b>Package Level 1 Units:</b>	50 piece
<b>Package Level 1 Width:</b>	81 mm
<b>Package Level 1 Depth / Length:</b>	220 mm
<b>Package Level 1 Height:</b>	47 mm
<b>Package Level 1 Gross Weight:</b>	0.64 kg
<b>Package Level 1 EAN:</b>	3472591252606
<b>Package Level 2 Units:</b>	1500 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Depth / Length:</b>	500 mm
<b>Package Level 2 Height:</b>	300 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

