

# DBL160



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

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

## General Information

<b>Extended Product Type:</b>	DBL160
<b>Product ID:</b>	1SNL316010R0000
<b>EAN:</b>	3472599856578
<b>Catalog Description:</b>	DBL160 Distribution Terminal Blocks
<b>Long Description:</b>	— Save installation time with our modular solutions — Ease the installation with plate or rail mounting options on our modular blocks — Easily increase the number of outputs using jumpers — Delivered with 7 white pre-printed markers L1, L2, L3, N, PE, +, –.

## Ordering

<b>Color:</b>	Grey
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNC166014D0201
<b>Instructions and Manuals:</b>	1SNC166001B0201

## Dimensions

<b>Product Net Width:</b>	28.2 mm
<b>Product Net Height:</b>	75 mm
<b>Product Net Depth / Length:</b>	50.7 mm
<b>Product Net Weight:</b>	120 g

## Technical

<b>Rated Cross-Section:</b>	50 mm <sup>2</sup>
<b>Spacing:</b>	28.2 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 / Rigid 1x 16 ... 70 mm <sup>2</sup>
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 160 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 6000 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V

<b>Dielectric Test Voltage:</b>	2200 V
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	5.1 W
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
<b>Insulation Material:</b>	Polyamide
<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>Tightening Torque:</b>	Main Circuit 6... 10 N·m

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 1000 V
<b>Connecting Capacity UL/CSA:</b>	Stranded 2/0 AWG
<b>Flammability According to UL94:</b>	V0
<b>Short-Circuit Current Rating (SCCR):</b>	100 kA

## 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>BV Certificate:</b>	1SND166008A0200
<b>CB Certificate:</b>	1SND166005A0201
<b>CSA Certificate:</b>	1SND166007A0201
<b>cUL Certificate:</b>	1SND166006A0201
<b>Declaration of Conformity - CE:</b>	1SND225005U1000
<b>EAC Certificate:</b>	1SND161011A1100
<b>Environmental Information:</b>	1SND220095E1000
<b>Instructions and Manuals:</b>	1SNC166001B0201
<b>RoHS Information:</b>	1SND230557F0201

## Classifications

<b>Object Classification Code:</b>	X
<b>ETIM 4:</b>	EC000276 - Distribution terminal block
<b>ETIM 5:</b>	EC000276 - Distribution terminal block
<b>ETIM 6:</b>	EC000276 - Distribution terminal block

## Container Information

<b>Package Level 1 Units:</b>	1 piece
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<b>Package Level 1 Width:</b>	57 mm
<b>Package Level 1 Depth / Length:</b>	95 mm
<b>Package Level 1 Height:</b>	37 mm
<b>Package Level 1 Gross Weight:</b>	0.14 kg
<b>Package Level 1 EAN:</b>	3472599856578
<b>Package Level 2 Units:</b>	75 piece
<b>Package Level 2 Width:</b>	230 mm
<b>Package Level 2 Depth / Length:</b>	380 mm
<b>Package Level 2 Height:</b>	310 mm
<b>Package Level 2 Gross Weight:</b>	10.5 kg
<b>Product Packing Type:</b>	Box

