

# M300/42.AF



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

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

## General Information

<b>Extended Product Type:</b>	M300/42.AF
<b>Product ID:</b>	1SNA115148R2700
<b>EAN:</b>	3472591151480
<b>Catalog Description:</b>	M300/42.AF
<b>Long Description:</b>	- Compact one stud / one clamp terminal block, - Lug mounting in accordance with NF C 20-130 and DIN 46234, - Various marking options, - Rail or base mounting.

## Ordering

<b>Color:</b>	Grey
<b>Minimum Order Quantity:</b>	10 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNC160020C0201
<b>Instructions and Manuals:</b>	1SNC160020C0201

## Dimensions

<b>Product Net Width:</b>	42 mm
<b>Product Net Height:</b>	93 mm
<b>Product Net Depth / Length:</b>	92 mm
<b>Product Net Weight:</b>	340 g

## Technical

<b>Rated Cross-Section:</b>	120 mm <sup>2</sup>
<b>Spacing:</b>	42 mm
<b>Connection Type:</b>	Stud - Screw clamp
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	1
<b>Connecting Capacity Main Circuit:</b>	Screw Clamp / Flexible 1x 70 ... 120 mm <sup>2</sup> Screw Clamp / Flexible 2x 70 ... 120 mm <sup>2</sup> Screw Clamp / Rigid 1x 70 ... 300 mm <sup>2</sup> Screw Clamp / Rigid 2x 70 ... 300 mm <sup>2</sup> Stud / Flexible 1x 6 ... 120 mm <sup>2</sup> Stud / Rigid 1x 6 ... 150 mm <sup>2</sup>
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 269 A

<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1 s 8000 A
<b>Rated Voltage (<math>U_r</math>):</b>	1000 V
<b>Pollution Degree:</b>	3
<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>	40.0 mm
<b>Recommended Screw Driver:</b>	H16
<b>Tightening Torque:</b>	Cable Lug 20 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 / Rigid 2x 0 ... 500 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 500 AWG

## Environmental

<b>Ambient Air Temperature:</b>	Operation -55 ... +110 °C Storage -55 ... +110 °C
<b>RoHS Status:</b>	Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

<b>cUL Certificate:</b>	1SND165000A0203
<b>Declaration of Conformity - CE:</b>	1SND225011U1000
<b>EAC Certificate:</b>	1SND161009A1100
<b>Environmental Information:</b>	1SND220022E1002
<b>Instructions and Manuals:</b>	1SNC160020C0201
<b>RoHS Information:</b>	1SND230022F0204

## 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>	10 piece
<b>Package Level 1 Width:</b>	184 mm

