

PRODUCT-DETAILS

DBL160

DBL160 Screw Clamp Power distribution Terminal Blocks



General Information

Extended Product Type	DBL160
Product ID	1SNL316010R0000
EAN	3472599856578
Catalog Description	DBL160 Screw Clamp Power distribution Terminal Blocks
Long Description	<p>- 8 connections: distribute unipolar and multipolar power lines, or combine several inputs - Mount it on Din rail or plate and save up to 50% rail space compared to conventional copper bars - Reduce the assembly time by 80% by avoiding to use fastening and isolating components - Increase the number of outputs by using the optional input and connecting two DBL together - Easy identification with the reversible cover and delivered pre-printed markers L1, L2, L3, N, PE, +, -.</p>

Ordering

Color	Grey
Minimum Order Quantity	1 piece
Customs Tariff Number	85369010

Popular Downloads

Data Sheet, Technical Information	1SNC166014D0201
Instructions and Manuals	1SNC166001B0201

Dimensions

Product Net Width	28.2 mm
Product Net Height	75 mm
Product Net Depth / Length	50.7 mm
Product Net Weight	120 g

Technical

Rated Cross-Section	50 mm ²
Spacing	28.2 mm
Connection Type	Screw Clamp
Function	Feed-through
Number of Levels	1
Connecting Capacity Main Circuit	Screw Clamp / Rigid 1x 16 ... 70 mm ²
Rated Current (I_n)	Main Circuit 160 A
Rated Short-time Withstand Current (I_{cw})	for 1 s 6000 A
Rated Impulse Withstand Voltage (U_{imp})	8000 V
Dielectric Test Voltage	2200 V
Pollution Degree	3
Power Loss	5.1 W
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Insulation Material	Polyamide
Mounting on DIN Rail	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
Tightening Torque	Main Circuit 6... 10 N·m

Technical UL/CSA

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

Environmental

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

Certificates and Declarations (Document Number)

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

Classifications

Object Classification Code	X
ETIM 4	EC000276 - Distribution terminal block
ETIM 5	EC000276 - Distribution terminal block
ETIM 6	EC000276 - Distribution terminal block

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	57 mm
Package Level 1 Depth / Length	95 mm
Package Level 1 Height	37 mm
Package Level 1 Gross Weight	0.14 kg
Package Level 1 EAN	3472599856578
Package Level 2 Units	75 piece
Package Level 2 Width	230 mm
Package Level 2 Depth / Length	380 mm
Package Level 2 Height	310 mm
Package Level 2 Gross Weight	10.5 kg

Categories

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

