

General Information

Extended Product Type:	DBL175
Product ID:	1SNL317510R0000
EAN:	3472599856561
Catalog Description:	DBL175 Distribution Terminal Blocks
Long Description:	— Save installation time with our modular solutions — Ease the installation with plate or rail mounting options on our modular blocks — Thanks to the two inputs, easily increase the number of outputs using jumper, or increase the current rating with two wires, 300 A with 50 mm ² wires and 350 A with 2/0 AWG wires — Delivered with 7 white pre-printed markers L1, L2, L3, N, PE, +, –.

Ordering

Color:	Grey
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNC166015D0201
Instructions and Manuals:	1SNC166001B0201

Dimensions

Product Net Width:	46.2 mm
Product Net Height:	72.5 mm
Product Net Depth / Length:	52.3 mm
Product Net Weight:	200 g

Technical

Rated Cross-Section:	50 mm ²
Spacing:	46.2 mm
Connection Type:	Screw clamp
Function:	Feed-through
Number of Levels:	1
Connecting Capacity Main Circuit:	Screw Clamp / Rigid 1x 10 ... 70 mm ²
Rated Current (I_n):	Main Circuit 175 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:	5.6 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 x 2/0 AWG
Flammability According to UL94:	V0
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:	68 mm
Package Level 1 Depth / Length:	115 mm
Package Level 1 Height:	57 mm
Package Level 1 Gross Weight:	0.24 kg
Package Level 1 EAN:	3472599856561
Package Level 2 Units:	40 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:	9.6 kg
Product Packing Type:	Box

