

## PRODUCT-DETAILS

# DBL175

## DBL175 Screw Clamp Power distribution Terminal Blocks



### Información General

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DBL175                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product ID            | 1SNL317510R0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EAN                   | 3472599856561                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Catalog Description   | DBL175 Screw Clamp Power distribution Terminal Blocks                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Long Description      | - 12 connections: increase the number of outputs by using the optional input and connecting two DBL together, or increase the current rating with two wires, 300A with 50 mm <sup>2</sup> wires and 350A with 2/0 AWG wires - 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 - Easy identification with the reversible cover and delivered pre-printed markers L1, L2, L3, N, PE, +, -, |

### Clasificación

|                        |          |
|------------------------|----------|
| Color                  | Grey     |
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85369010 |

### Descargas Populares

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SNC166015D0201 |
| Instructions and Manuals          | 1SNC166001B0201 |

## Dimensiones

|                            |         |
|----------------------------|---------|
| 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 <sup>2</sup>                                                                                             |
| 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 <sup>2</sup>                                                               |
| 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<br>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      | V-0                  |
| Short-Circuit Current Rating (SCCR) | 100 kA               |

## Ambiente

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Ambient Air Temperature | Funcionamiento -55 ... +110 °C<br>Almacenamiento -55 ... +110 °C |
| RoHS Status             | Following EU Directive 2002/95/EC August 18, 2005 and amendment  |

## Certificados y Declaraciones (Número de Documento)

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

## Clasificaciones

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

## Información de Embalaje

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | 1 piece       |
| Package Level 1 Width             | 68 mm         |
| Package Level 1 Depth /<br>Length | 115 mm        |
| Package Level 1 Height            | 57 mm         |
| Package Level 1 Gross<br>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 /<br>Length | 380 mm        |
| Package Level 2 Height            | 310 mm        |
| Package Level 2 Gross<br>Weight   | 9.6 kg        |

## Categorías

Productos y sistemas de baja tensión → Accesorios de conexión → Bornas de conexión → SNK Series

