

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

General Information

| | |
|-------------------------------|--|
| Extended Product Type: | C2.5/6 |
| Product ID: | 1SNL506011R0000 |
| EAN: | 3472599857568 |
| Catalog Description: | C2.5/6 |
| Long Description: | - 2.5 mm ² Feed-through terminal with ABB patented screw Clamp Connection |

Ordering

| | |
|--------------------------------|-----------|
| Color: | Grey |
| Minimum Order Quantity: | 100 piece |
| Customs Tariff Number: | 85369010 |

Popular Downloads

| | |
|---|-----------------|
| Data Sheet, Technical Information: | 1SNC160028L0202 |
| Instructions and Manuals: | 1SNC160028L0202 |

Dimensions

| | |
|------------------------------------|---------|
| Product Net Width: | 6 mm |
| Product Net Height: | 43.6 mm |
| Product Net Depth / Length: | 41.5 mm |
| Product Net Weight: | 6.4 g |

Technical

| | |
|--|---|
| Rated Cross-Section: | 2.5 mm ² |
| Spacing: | 6 mm |
| Connection Type: | Screw clamp |
| Function: | Feed-through |
| Connecting Capacity Main Circuit: | Screw Clamp / Flexible 1x 0.2 ... 2.5 mm ² Screw Clamp / Flexible 2x 0.2 ... 1.5 mm ² Screw Clamp / Rigid 1x 0.2 ... 4 mm ² Screw Clamp / Rigid 2x 0.2 ... 1.5 mm ² Screw Clamp / With Insulated Ferrule 1x 0.2 ... 4 mm ² Screw Clamp / Without Insulated Ferrule 1x 0.2 ... 2.5 mm ² Screw Clamp / With Twin Ferrule 2x 0.2 ... 1.5 mm ² |
| Gauge Type: | A3 |
| Rated Current (I_n): | Main Circuit 24 A |

| | |
|--|--|
| Rated Short-time Withstand Current (I_{cw}): | for 1 s 300 A |
| Rated Voltage (U_r): | 1000 V |
| Rated Impulse Withstand Voltage (U_{imp}): | 8000 V |
| Dielectric Test Voltage: | 2000 V |
| Pollution Degree: | 3 |
| Degree of Protection: | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 |
| 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 |
| Wire Stripping Length: | 10.0 mm |
| Recommended Screw Driver: | 4 mm |
| Tightening Torque: | acc. IEC 60947-1 0.4 N·m Manufacturer 0.6 N·m |

Technical UL/CSA

| | |
|---|---|
| Maximum Operating Voltage UL/CSA: | Main Circuit 600 V |
| Connecting Capacity Main Circuit UL/CSA: | Screw Clamp / Rigid 1x 24 ... 10 AWG Screw Clamp / Rigid 2x 24 ... 14 AWG Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 10 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 16 AWG |
| Flammability According to UL94: | V0 |

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)

| | |
|--|-----------------|
| cUL Certificate: | 1SND161106A0201 |
| Declaration of Conformity - CE: | 1SND225041U1000 |
| EAC Certificate: | 1SND161009A1100 |
| Instructions and Manuals: | 1SNC160028L0202 |
| RoHS Information: | 1SND230544F0201 |

Classifications

| | |
|------------------------------------|--|
| Object Classification Code: | X |
| ETIM 4: | EC000897 - Feed-through terminal block |
| ETIM 5: | EC000897 - Feed-through terminal block |

Container Information

| | |
|---------------------------------|---------------|
| Package Level 1 Units: | 100 piece |
| Package Level 1 Width: | 88 mm |
| Package Level 1 Depth / Length: | 305 mm |
| Package Level 1 Height: | 42 mm |
| Package Level 1 Gross Weight: | 0.64 kg |
| Package Level 1 EAN: | 3472599857568 |
| Package Level 2 Units: | 1000 piece |
| Package Level 2 Width: | 250 mm |
| Package Level 2 Depth / Length: | 330 mm |
| Package Level 2 Height: | 210 mm |
| Package Level 2 Gross Weight: | 6.4 kg |
| Product Packing Type: | Box |

