

Products → Low Voltage Products and Systems → Connection Devices → Terminal Blocks Accessories  
→ Female Plugs

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | CDS4-12   |
| <b>Product ID:</b>            | 1SNK805737R0000   |
| <b>EAN:</b>                   | 3472598057372   |
| <b>Catalog Description:</b>   | CDS4-12 Female Plug - 12 poles - Grey   |
| <b>Long Description:</b>      | - Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly, - Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification, - Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles. |

## 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> | 1SNK162052D0201 |
| <b>Instructions and Manuals:</b>          | 1SNK160027C0205 |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 5.2 mm  |
| <b>Product Net Height:</b> | 22.4 mm |
| <b>Product Net Depth:</b>  | 39.4 mm |
| <b>Product Net Weight:</b> | 47 g    |

## Technical

|                             |                   |
|-----------------------------|-------------------|
| <b>Rated Cross-Section:</b> | 4 mm <sup>2</sup> |
| <b>Spacing:</b>             | 5.2 mm            |
| <b>Connection Type:</b>     | Screw clamp       |
| <b>Function:</b>            | Female Plugs      |

|   |  |
|---|--|
| <b>Connecting Capacity Main Circuit:</b>                    | Screw Clamp / Flexible 1x 0.22 ... 4 mm <sup>2</sup><br>Screw Clamp / Flexible 2x 0.22 ... 1.5 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup><br>Screw Clamp / Rigid 2x 0.2 ... 1.5 mm <sup>2</sup><br>Screw Clamp / With Insulated Ferrule 1x 0.22 ... 2.5 mm <sup>2</sup><br>Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup><br>Screw Clamp / With Twin Ferrule 2x 0.22 ... 1.5 mm <sup>2</sup> |
| <b>Gauge Type:</b>  | A3-B3  |
| <b>Rated Current (I<sub>n</sub>):</b>                       | Main Circuit 29 A  |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 480 A  |
| <b>Rated Voltage (U<sub>r</sub>):</b>                       | 800 V  |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>   | 8000 V   |
| <b>Power Loss:</b>  | 6 W  |
| <b>Degree of Protection:</b>                                | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20   |
| <b>Insulation Material:</b>                                 | Polyamide  |
| <b>Mounting on DIN Rail:</b>                                | G32 (32 x 15 mm Mounting Rail) acc. to IEC 60715<br>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<br>TH15-5.5 (15 x 5.5 mm Mounting Rail) acc. to IEC 60715   |
| <b>Wire Stripping Length:</b>                               | 10.5 mm  |
| <b>Suitable For:</b>  | ZDS4-22  |

## Technical UL/CSA

|   |   |
|---|---|
| <b>Maximum Operating Voltage</b>        | Main Circuit 300 V  |
| <b>UL/CSA:</b>                          |   |
| <b>Connecting Capacity Main Circuit</b> | Screw Clamp / Rigid 1x 24 ... 10 AWG  |
| <b>UL/CSA:</b>                          | Screw Clamp / Rigid 2x 24 ... 16 AWG<br>Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG<br>Screw Clamp / Without Insulated Ferrule 1x 24 ... 10 AWG<br>Screw Clamp / With Twin Ferrule 2x 24 ... 16 AWG |
| <b>Connecting Capacity UL/CSA:</b>      | Stranded 10 AWG   |

## Environmental

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

## Certificates and Declarations (Document Number)

|                         |                 |
|-------------------------|-----------------|
| <b>BV Certificate:</b>  | 1SND161073A0204 |
| <b>CB Certificate:</b>  | 1SND164007A0200 |
| <b>CSA Certificate:</b> | 1SND164009A0200 |
| <b>cUL Certificate:</b> | 1SND164008A0200 |

|  |                 |
|--|-----------------|
| <b>Declaration of Conformity - CE:</b> | 1SND225107U1000 |
| <b>EAC Certificate:</b>                | 1SND161009A1100 |
| <b>Environmental Information:</b>      | 1SND220092E1000 |
| <b>Instructions and Manuals:</b>       | 1SNK160027C0205 |
| <b>RoHS Information:</b>               | 1SND230537F0200 |

## Classifications

|                                    |                            |
|------------------------------------|----------------------------|
| <b>Object Classification Code:</b> | X                          |
| <b>ETIM 4:</b>                     | EC002638 - Cable connector |
| <b>ETIM 5:</b>                     | EC002638 - Cable connector |
| <b>ETIM 6:</b>                     | EC002638 - Cable connector |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 10 piece      |
| <b>Package Level 1 Width:</b>        | 78 mm         |
| <b>Package Level 1 Length:</b>       | 270 mm        |
| <b>Package Level 1 Height:</b>       | 41 mm         |
| <b>Package Level 1 Gross Weight:</b> | 0.475 kg      |
| <b>Package Level 1 EAN:</b>          | 3472598057372 |
| <b>Package Level 2 Units:</b>        | 160 piece     |
| <b>Package Level 2 Width:</b>        | 300 mm        |
| <b>Package Level 2 Length:</b>       | 400 mm        |
| <b>Package Level 2 Height:</b>       | 200 mm        |
| <b>Package Level 3 Units:</b>        | 7680 piece    |
| <b>Product Packing Type:</b>         | Box           |

