

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

## General Information

<b>Extended Product Type:</b>	CDK2.5-2
<b>Product ID:</b>	1SNK805716R0000
<b>EAN:</b>	3472598057167
<b>Catalog Description:</b>	CDK2.5-2 Female Plug - 2 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>	30 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNK162050D0201
<b>Instructions and Manuals:</b>	1SNK160027C0205

## Dimensions

<b>Product Net Width:</b>	5.2 mm
<b>Product Net Height:</b>	19.1 mm
<b>Product Net Depth / Length:</b>	36.2 mm
<b>Product Net Weight:</b>	5.6 g

## Technical

<b>Rated Cross-Section:</b>	2.5 mm <sup>2</sup>
<b>Spacing:</b>	5.2 mm
<b>Connection Type:</b>	PI Spring
<b>Function:</b>	Female Plugs
<b>Connecting Capacity Main Circuit:</b>	Spring Clamp / Flexible 1x 0.22 ... 2.5 mm <sup>2</sup> Spring Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> Spring Clamp / With Insulated Ferrule 1x 0.22 ... 2.5 mm <sup>2</sup> Spring Clamp / Without Insulated Ferrule 1x 0.22 ... 2.5 mm <sup>2</sup> Spring Clamp / With Twin Ferrule 2x 0.22 ... 0.5 mm <sup>2</sup>

<b>Gauge Type:</b>	A2 / 2.3 mm Dia.
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 24 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 300 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Power Loss:</b>	0.8 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 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 TH15-5.5 (15 x 5.5 mm Mounting Rail) acc. to IEC 60715
<b>Wire Stripping Length:</b>	11.0 mm
<b>Suitable For:</b>	ZDK2.5-22

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V
<b>Connecting Capacity Main Circuit UL/CSA:</b>	Spring Clamp / Rigid 1x 26 ... 12 AWG Spring Clamp / With Insulated Ferrule 1x 26 ... 14 AWG Spring Clamp / Without Insulated Ferrule 1x 26 ... 14 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 12 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>	1SND162013A0203
<b>CB Certificate:</b>	1SND164006A0200
<b>CSA Certificate:</b>	1SND164009A0200
<b>cUL Certificate:</b>	1SND164008A0200
<b>Declaration of Conformity - CE:</b>	1SND225107U1000
<b>EAC Certificate:</b>	1SND162001A1100
<b>Environmental Information:</b>	1SND220091E1000
<b>Instructions and Manuals:</b>	1SNK160027C0205
<b>RoHS Information:</b>	1SND230536F0200

## 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>	30 piece
<b>Package Level 1 Width:</b>	54 mm
<b>Package Level 1 Depth / Length:</b>	160 mm
<b>Package Level 1 Height:</b>	41 mm
<b>Package Level 1 Gross Weight:</b>	0.198 kg
<b>Package Level 1 EAN:</b>	3472598057167
<b>Package Level 2 Units:</b>	1200 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Depth / Length:</b>	400 mm
<b>Package Level 2 Height:</b>	200 mm
<b>Package Level 3 Units:</b>	57600 piece
<b>Product Packing Type:</b>	Box

