

# CDS4-R1-6



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

## General Information

<b>Extended Product Type:</b>	CDS4-R1-6
<b>Product ID:</b>	1SNK806730R0000
<b>EAN:</b>	3472598067302
<b>Catalog Description:</b>	CDS4-R1-6 Female Plug - 6 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>	1SNK162053D0201
<b>Instructions and Manuals:</b>	1SNK160027C0205

## Dimensions

<b>Product Net Width:</b>	6 mm
<b>Product Net Height:</b>	22.4 mm
<b>Product Net Depth:</b>	39.4 mm
<b>Product Net Weight:</b>	24.6 g

## Technical

<b>Rated Cross-Section:</b>	4 mm <sup>2</sup>
<b>Spacing:</b>	6 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> Screw Clamp / Flexible 2x 0.22 ... 1.5 mm <sup>2</sup> Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> Screw Clamp / Rigid 2x 0.2 ... 1.5 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> 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>	4.8 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>	10.5 mm
<b>Suitable For:</b>	ZDS4-22-R1

## Technical UL/CSA

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

**EAC Certificate:** 1SND161009A1100

**Environmental Information:** 1SND220092E1000

**Instructions and Manuals:** 1SNK160027C0205

## Classifications

**Object Classification Code:** X

**ETIM 4:** EC002638 - Cable connector

**ETIM 5:** EC002638 - Cable connector

**ETIM 6:** EC002638 - Cable connector

## Container Information

**Package Level 1 Units:** 10 piece

**Package Level 1 Width:** 54 mm

**Package Level 1 Length:** 176 mm

**Package Level 1 Height:** 42 mm

**Package Level 1 Gross Weight:** 0.257 kg

**Package Level 1 EAN:** 3472598067302

**Package Level 2 Units:** 400 piece

**Package Level 2 Width:** 300 mm

**Package Level 2 Length:** 400 mm

**Package Level 2 Height:** 200 mm

**Package Level 3 Units:** 19200 piece

**Product Packing Type:** Box

