

Product: [CA 3 LD](#) 

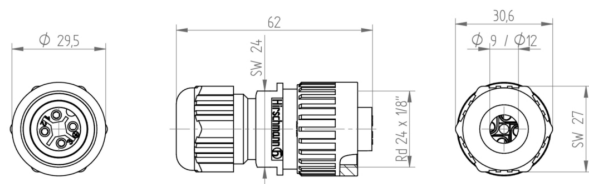
CA - Female 0° | #Contacts: 4 | 400 V | cURus



Product Description

CA - Field Attachable Female Straight Connector | #Contacts: 4 (3+PE) | 400 V / 16 A | cURus

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	CA (4, 6 contacts)
Brand:	Hirschmann
Connector Type:	Field Attachable
Connector Sub Type:	CA Power Series
Side 1 Type of Contact/Gender:	Socket Contacts / Female
Connector Design:	CA Female 4 Pole 0°
Number of Pins:	4(3+PE)
Shielding Type:	Unshielded
Attachment Type:	Female Thread (coupling nut)
Voltage Rating:	250 V DC / 400 V AC
Rated Impulse Voltage:	6.0 kV
Operating Voltage:	230 V DC, 400V AC
Current Rating:	10 A DC, 16 A AC (1.5 mm²)
Side 1 Contact Resistance:	≤ 10 mOhm
Type of Connection:	Screw terminal
Cable Gland:	TR22
Cross Section:	0.5 mm² to 2.5 mm² (20 AWG to 14 AWG)
Strain-Relief:	clamping cage

Suitable Cables:	Gasket 1: Ø 6 mm to Ø 9 mm, Gasket 2: Ø 9 mm to Ø 12 mm
Ambient Temperature (Operation)*:	- 40 °C to + 90 °C
Temperature Range (Gasket):	- 40 °C to + 90 °C
Protection Degree / IP Rating**:	IP66, IP67
Side 1 Design Standard:	DIN EN 61984 (VDE 0627)
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1

Materials

Contact Base Material:	Brass (CuZn)
Side 1 Contact Plating:	Copper-Silver Alloy (Cu/Ag)
Contact Bearer Material:	Nylon 66 (PA 66 GF)
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
Flammability Class (Housing):	UL 94 V-2
Cable Gland Material:	Nylon 66 (PA 66)
Cable Gland Gasket:	Nitrile Butadiene Rubber (NBR)
Cable Gland Color:	Black
Flammability Class (Cable Gland):	UL 94 V-2
Attachment Material:	Nylon 66 (PA 66 GF)
Flammability Class (Attachment):	UL 94 V-0
Gasket Material:	Nitrile Butadiene Rubber (NBR)

Additional Technical Data

Fastening Torque (Contact Screw):	M3: (30-35) Ncm
Fastening Torque (Cable Gland):	TR22: 150-200 Ncm
Mating Connectors / Fitting to:	934-124-100 CA 3 LS (field attachable, straight), 934-128-100 CA 3 W LS (field attachable, angled), 932-322-100 CA 3 GS (receptacle, straight)
Accessories to Order Separately:	Dust Cap; 831 532 400

Approvals

UL-File:	E95522
UL:	cURus
VDE:	VDE-Reg.-Nr. 2745

Resistances

Oil Resistance:	Yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Note:	Do not connect or disconnect under load. Connectors are packaged in airtight bags and placed in sulfur free cartons to protect contacts against silver sulfide. Once packaging is opened, customer is responsible for correctly storing connectors to prevent tarnishing against environmental elements while in storage.

Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934125100	CA 3 LD	black	PA 66	PA 66
934125102	CA 3 LD blau/blue	blue	PA 6	PA 6
934125101	CA 3 LD rot/red	red	PA 6	PA 6
934125107	CA 3 LD weiss/white	white	PA 6	PA 6

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