

Part Number: CA 6 LD

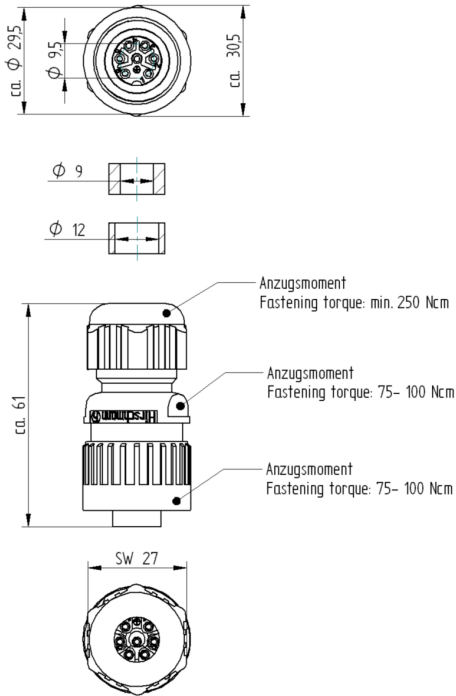


Circular Field Attachable Power Connector (CA Series): Female, straight, 7-pin(6+PE), integrated strain relief, 230 V AC/DC, 10 A

Product Description

Circular Field Attachable Power Connector (CA Series): Female, straight, 7-pin(6+PE), integrated strain relief, 230 V AC/DC, 10 A

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	CA-Series
Brand:	Hirschmann
Connector Type:	Field Attachable
Type of Contact / Gender:	female
Connector Design:	straight
Number of Pins:	7(6+PE)
Shielding:	Unshielded
Attachment Type:	Coupling Nut
Rated Voltage:	250V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current:	10 A (0.75 mm ²)

Contact Resistance:	≤ 10 mOhm
Type of Connection:	solder
Cable Gland:	TR22
Conductor Cross Section:	max. 0.75 mm ²
Strain-Relief:	clamping cage
Suitable Cables:	Ø6 mm to Ø12 mm, Gasket Ø9 mm for cables with Ø6 - 9 mm, Gasket Ø12 mm for cables with Ø9 - 12 mm
Ambient Temperature (Operation):	-40°C to +90°C, notice derating
Temperature Range (Gasket):	-40°C to +90°C
Protection Degree / IP Rating:	IP66, IP67
Design Standard:	DIN EN 61984 (VDE 0627)
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:	CuZn
Contact Plating:	Cu/Ag
Contact Bearer Material:	PA 66 GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-0
Attachment Material:	PA 66 GF
Flammability Class (Attachment):	UL 94 V-0
Gasket Material:	NBR

Additional Technical Data

Fastening Torque (Cable Gland):	TR22: min. 250 Ncm
Mating Connectors / Fitting to:	934-126-100 CA 6 LS (field attachable, straight), 934-130-100 CA 6 W LS (field attachable, angled), 932-326-100 CA 6 GS (receptacle, straight)
Accessories to Order Separately:	CA00 SD 3: 831-532-400, cap

Approvals

UL-File:	E95522, Series CA 3
VDE:	VDE-Reg.-Nr. 2745

Notes

Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector.
Note Derating:	* Notice derating
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934127100	CA 6 LD	black	PA 66	PA 66
934127102	CA 6 LD blau / blue	blue	PA 6	PA 6
934127101	CA 6 LD rot / red	red	PA 6	PA 6
934127107	CA 6 LD weiss / white	white	PA 6	PA 6

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