

Product: [CA 6 LD](#)

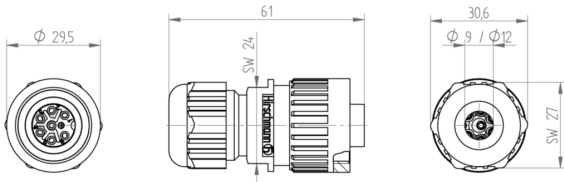


Circular Field Attachable Power Connector (CA Series): Female, straight, 7-pin(6+PE), integrated strain relief, 230 V AC/DC, 10 A

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:	250 V 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

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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
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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