



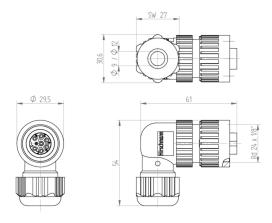
Product: <u>CA 6 W LD</u> ☑

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

## **Product Description**

Circular Field Attachable Power Connector (CA Series): Female, angled, 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:	angled			
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 mm²)			
Contact Resistance:	≤ 10 mOhm			
Type of Connection:	solder			
Cable Gland:	TR22			
Conductor Cross Section:	max. 0.75 mm <sup>2</sup>			
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), 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-RegNr. 2745

### **Notes**

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

#### Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934131100	CA 6 W LD	black	PA 66	PA 66
934131102	CA 6 W LD blau / blue	blue	PA 6	PA 6
934131101	CA 6 W LD rot / red	red	PA 6	PA 6
934131107	CA 6 W LD weiss / white	white	PA 6	PA 6

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