



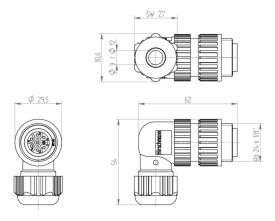
Product: CA 6 W LS ☑

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

# **Product Description**

Circular Field Attachable Power Connector (CA Series): Male, 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:	male		
Connector Design:	angled		
Number of Pins:	7(6+PE)		
Shielding:	Unshielded		
Attachment Type:	Coupling Screw		
Rated Voltage:	250 V 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 mm²		
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:	934-127-100 CA 6 LD (field attachable, straight), 934-131-100 CA 6 W LD (field attachable, angled), 932-325-100 CA 6 GD (receptacle, straight)	
Accessories to Order Separately:	CA00 SD 1: 831-530-400, cap	

## **Approvals**

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

#### **Notes**

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

#### Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934130100	CA 6 W LS	black	PA 66	PA 66

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