



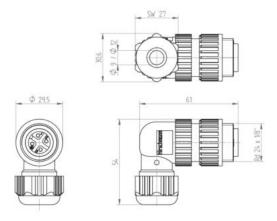
Product: CA 3 W LS ☑

Circular Field Attachable Power Connector (CA Series): Male, angled, 4-pin(3+PE), integrated strain relief, 400 V AC/230 V DC, 16 A AC/10 A DC

### **Product Description**

Circular Field Attachable Power Connector (CA Series): Male, angled, 4-pin(3+PE), integrated strain relief, 400 V AC/230 V DC, 16 A AC/10 A DC

# **Technical Drawing**



# **Technical Specifications**

# **Technical Data**

Product Family:	Power Connector			
Product Sub Family:	CA-Series CA-Series			
Brand:	Hirschmann			
Connector Type:	Field Attachable			
Type of Contact / Gender:	: male			
Connector Design:	angled			
Number of Pins:	4(3+PE)			
Shielding:	Unshielded			
Attachment Type:	Coupling Screw			
Rated Voltage:	250 V DC / 400 V AC			
Rated Impulse Voltage:	6.0 kV			
Operating Voltage:	230 V DC, 400V AC			
Rated Current*:	10 A DC, 16 A AC (1.5 mm²)			
Contact Resistance:	≤ 10 mOhm			
Type of Connection:	screw terminal			
Cable Gland:	TR22			
Conductor Cross Section:	0.5 mm² to 2.5 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 (Contact Screw):	M3: (25-30) Ncm	
Fastening Torque (Cable Gland):	TR22: min. 250 Ncm	
Mating Connectors / Fitting to:	934-125-100 CA 3 LD (field attachable, straight), 934-129-100 CA 3 W LD (field attachable, angled), 932-321-100 CA 3 GD (receptacle, straight)	
Accessories to Order Separately:	831-530-400: CA00 SD 1, 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 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
934128100	CA 3 W LS	black	PA 66	PA 66

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