

# Product: CA 3 LS

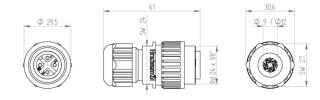


Circular Field Attachable Power Connector (CA Series): Male, straight, 4-pin(3+PE), integrated strain relief, 400 V AC/230 V DC, 16 A AC/10 A DC

# **Product Description**

Circular Field Attachable Power Connector (CA Series): Male, straight, 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				
Brand:	Hirschmann				
Connector Type:	Field Attachable				
Type of Contact / Gender:	male				
Connector Design:	straight				
Number of Pins:	4(3+PE)				
Shielding:	Jnshielded				
Attachment Type:	Coupling Screw				
Rated Voltage:	250 V DC, 400V AC				
Rated Impulse Voltage:	6.0 KV				
Operating Voltage:	230 V DC, 400V AC				
Rated Current*:	10 A DC, 16 A AC (1.5 mm <sup>2</sup> )				
Contact Resistance:	≤ 10 mOhm				
Type of Connection:	screw terminal				
Cable Gland:	TR22				
Conductor Cross Section:	0.5 mm <sup>2</sup> to 2.5 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 (Contact Screw):	M 3: (30-35) 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.		

#### Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934124100	CA 3 LS	black	PA 66	PA 66
934124102	CA 3 LS blau/blue	blue	PA 6	PA 6
934124101	CA 3 LS rot / red	red	PA 6	PA 6
934124107	CA 3 LS weiß / white	white	PA 6	PA 6

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