



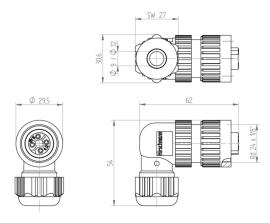
Product: <u>CA 3 W LD</u> ☑

Circular Field Attachable Power Connector (CA Series): Female, 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): Female, 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:	female			
Connector Design:	angled			
Number of Pins:	4(3+PE)			
Shielding:	Unshielded			
Attachment Type:	Coupling Nut			
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 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):	M 3: (30-35) Ncm
Fastening Torque (Cable Gland):	TR22: min. 250 Ncm
Mating Connectors / Fitting to:	934-124-100 CA 3 LS (field attachable, straight), 934-128-100 CA 3 W LS (field attachable, angled), 932-322-100 CA 3 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 connector.	
Note: Do not connect or disconnect under load.	

Variants

Item #	Item Description	Housing Color	Housing Material	Cable Gland Material
934129100	CA 3 W LD	black	PA 66	PA 66
934129102	CA 3 W LD blau / blue	blue	PA 6	PA 6
934129101	CA 3 W LD rot / red	red	PA 6	PA 6
934129107	CA 3 W LD weiss / white	white	PA 6	PA 6

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