

Part Number: CA 3 LD



Product Description

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

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:	straight
Number of Pins:	4(3+PE)
Shielding:	No
Attachment Type:	Coupling Nut
Operating Voltage:	230 V DC, 400V AC
Rated Current:	10 A DC, 16 A AC (1.5 mm ²)
Contact Resistance:	≤ 10 mOhm
Type of Connection:	screw terminal
Cable Gland:	TR22
Conductor Cross Section:	0.5 mm ² to 2.5 mm ²
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

Product 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:	831-532-400: CA00 SD 3, cap

Approvals

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

Notes

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

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