

Product: [CA 3 GD](#)

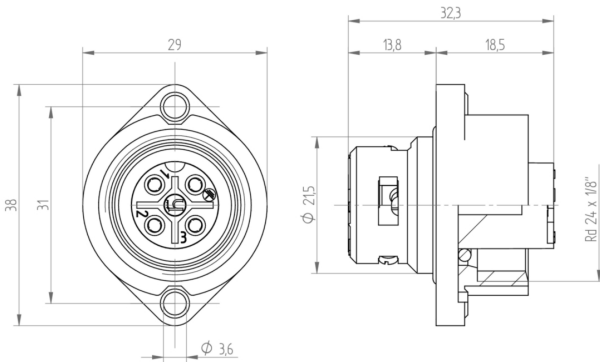


Circular Receptacle Power Connector (CA Series): Female, front mount with flange, 4-pin(3+PE), 400 V AC/230 V DC, 16 A AC/10 A DC

Product Description

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Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	CA-Series
Brand:	Hirschmann
Connector Type:	Receptacle
Type of Contact / Gender:	female
Connector Design:	Front mount with flange
Number of Pins:	4(3+PE)
Shielding:	Unshielded
Attachment Type:	Locking Nut
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 mm ²)
Contact Resistance:	≤ 10 mOhm
Type of Connection:	screw terminal
Conductor Cross Section:	0.5 mm ² to 2.5 mm ²
Ambient Temperature (Operation)*:	-40°C to +90°C, notice derating
Temperature Range (Gasket):	-40°C to +90°C

Protection Degree / IP Rating**:	IP65; 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
Flammability Class (Contact Bearer):	UL 94 V-0
Gasket Material:	NBR

Additional Technical Data

Fastening Torque (Contact Screw):	M3: (25-30) Ncm
Fastening Torque (Attachment):	M 3: (50-60) Ncm, not part of delivery
Mounting:	M3 (2x), not part of delivery
Mating Connectors / Fitting to:	934-124-100 CA 3 LS, straight 934-128-100 CA 3 W LS, angled
Accessories to Order Separately:	831-531-100: CA 00 SD 4, cap

Approvals

UL-File:	E95522, Series CA 3
VDE:	VDE-Reg.-Nr. 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
932321100	CA 3 GD	black
932321102	CA 3 GD blau/blue	black / blue
932321101	CA 3 GD rot/red	black / red
932321107	CA 3 GD weiss/white	black / white

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