

Product: [CA 3 GD](#)

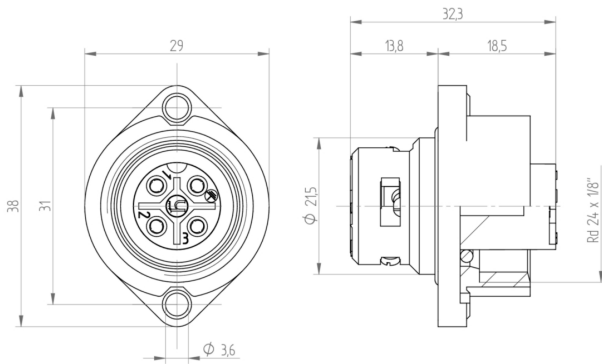


Circular Receptacle Power Connector (CA Series): Female, front mount with flange, 4-pin(3+PE), 400 V AC/230 V DC, 16 A AC/10 A DC

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, 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 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):	M 3: (30-35) 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.

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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