

Product: [CA 3 LD](#) 

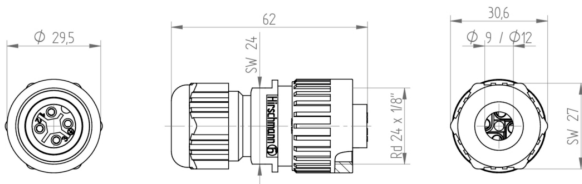


Circular Field Attachable Power Connector (CA Series): Female, straight, 4-pin(3+PE), integrated strain relief, 400 V AC/230 V DC, 16 A AC/10 A DC

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: | Field Attachable |
| Type of Contact / Gender: | female |
| Connector Design: | straight |
| 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 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 |

Materials

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|--------------------------------------|-----------|
| 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

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|-----------------------------------|--|
| Fastening Torque (Contact Screw): | M3: (25-30) 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

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|-------------------------------------|--|
| 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 |
|-----------|---------------------|---------------|------------------|----------------------|
| 934125100 | CA 3 LD | black | PA 66 | PA 66 |
| 934125102 | CA 3 LD blau/blue | blue | PA 6 | PA 6 |
| 934125101 | CA 3 LD rot/red | red | PA 6 | PA 6 |
| 934125107 | CA 3 LD weiss/white | white | PA 6 | PA 6 |

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