

Product: [CA 6 LS](#) 

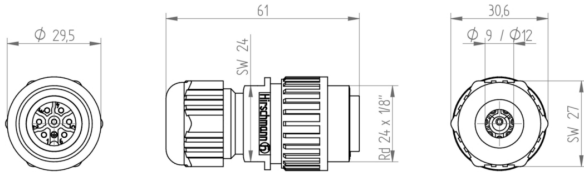


Circular Field Attachable Power Connector (CA Series): Male, straight, 7-pin(6+PE), integrated strain relief, 230 V AC/DC, 10 A

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: | male |
| Connector Design: | straight |
| Number of Pins: | 7(6+PE) |
| Shielding: | Unshielded |
| Attachment Type: | Coupling Screw |
| Rated Voltage: | 250 V AC/DC |
| Rated Impulse Voltage: | 4.0 kV |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 10 A (0.75 mm ²) |
| Contact Resistance: | ≤ 10 mOhm |
| Type of Connection: | solder |
| Cable Gland: | TR22 |
| Conductor Cross Section: | max. 0.75 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 |

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|-----------------------------------|---------------------------------------|
| 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 (Cable Gland): | TR22: min. 250 Ncm |
| Mating Connectors / Fitting to: | 934-127-100 CA 6 LD (field attachable, straight), 934-131-100 CA 6 W LD (field attachable, angled), 932-325-100 CA 6 GD (receptacle, straight) |
| Accessories to Order Separately: | CA00 SD 1: 831-530-400, 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. 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 | Housing Material | Cable Gland Material |
|-----------|------------------|---------------|------------------|----------------------|
| 934126100 | CA 6 LS | black | PA 66 | PA 66 |

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