## (h) HIRSCHMANN <br> A BeLDen BRAND



Part Number: CA 3 W LS
Circular Field Attachable Power Connector (CA Series): Male, angled, 4-pin(3+PE), integrated strain relief, $400 \mathrm{~V} \mathrm{AC/230V} \mathrm{DC}$,16 A AC/10 A DC

## Product Description

Circular Field Attachable Power Connector (CA Series): Male, angled, 4-pin(3+PE), integrated strain relief, $400 \mathrm{~V} \mathrm{AC} / 230 \mathrm{~V}$ DC, 16 A AC/10 A DC

## Technical Drawing



## Technical Specifications

Technical Data

| Product Family: | Power Connector |
| :--- | :--- |
| Product Sub Family: | CA-Series |
| Brand: | Firschmann |
| Connector Type: | maltachable |
| Type of Contact / Gender: | angled |
| Connector Design: | $4(3+$ PE $)$ |
| Number of Pins: | Unshielded |
| Shielding: | Coupling Screw |
| Attachment Type: | $250 \mathrm{~V} \mathrm{DC,400V} \mathrm{AC}$ |
| Rated Voltage: | 6.0 kV |
| Rated Impulse Voltage: | $230 \mathrm{~V} \mathrm{DC,400V} \mathrm{AC}$ |
| Operating Voltage: | $10 \mathrm{~A} \mathrm{DC,16} \mathrm{~A} \mathrm{AC}\left(1.5 \mathrm{~mm}^{2}\right)$ |
| Rated Current: | $\leq 10 \mathrm{mOhm}$ |
| Contact Resistance: |  |


| Type of Connection: | screw terminal |
| :--- | :--- |
| Cable Gland: | $0.5 \mathrm{~mm}^{2}$ to $2.5 \mathrm{~mm}^{2}$ |
| Conductor Cross Section: | clamping cage |
| Strain-Relief: | $\varnothing 6 \mathrm{~mm}$ to $\varnothing 12 \mathrm{~mm}$, Gasket $\varnothing 9 \mathrm{~mm}$ for cables with $\varnothing 6-9 \mathrm{~mm}$, Gasket $\varnothing 12 \mathrm{~mm}$ for cables with $\varnothing 9$ - 12 mm |
| Suitable Cables: | $-40^{\circ} \mathrm{C}$ to $+90^{\circ} \mathrm{C}$, notice derating |
| Ambient Temperature (Operation): | $-40^{\circ} \mathrm{C}$ to $+90^{\circ} \mathrm{C}$ |
| Temperature Range (Gasket): | IP66, IP67 |
| Protection Degree / IP Rating: | DIN EN 61984 (VDE 0627) |
| Design Standard: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Pollution Degree: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Clearance / Creepage Distance: |  |

## Materials

| Contact Base Material: | CuZn |
| :--- | :--- |
| Contact Plating: | Cu/Ag |
| Contact Bearer Material: | PA 66 GF |
| Contact Bearer Color: | Plack |
| Flammability Class (Contact Bearer): UL 94 V-0 |  |
| Attachment Material: | UL 94 V-0 |
| Flammability Class (Attachment): | NBR |
| Gasket Material: |  |

Additional Technical Data

| Fastening Torque (Contact Screw): | $\mathrm{M} \mathrm{3:}(30-35) \mathrm{Ncm}$ |
| :--- | :--- |
| Fastening Torque (Cable Gland): | TR22: min. 250 Ncm |
| Mating Connectors / Fitting to: | $934-125-100$ CA 3 LD (field attachable, straight), 934-129-100 CA 3 W LD (field attachable, angled), 932-321-100 CA 3 GD (receptacle, straight) |
| Accessories to Order Separately: | $831-530-400:$ CA00 SD 1, 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. |

## Variants

| Item \# | Item Description | Housing Color | Housing Material | Cable Gland Material |
| :---: | :--- | :--- | :--- | :--- |
| 934128100 | CA 3 W LS | black | PA 66 | PA 66 |

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