



HIRSCHMANN

A **BELDEN** BRAND



CA Series



Circular Connectors CA Series

Reliable Power Transmission – where you need it,
when you need it

Combining the advantages of a lightweight plastic housing with the mechanical robustness of an industrial connector, the CA Series represents a reliable solution for the most demanding applications.



The Benefits

Ruggedized for performance – well-proven power supply for wet, dusty and harsh surroundings

Intuitive to handle – thanks to user-friendly termination and assembly in a jiffy

Versatile to use – technologically convincing connectivity solution for a wide range of applications

Markets

- Machine building
- Measurement and control
- Automation
- Logistics
- Infrastructure
- Material handling

Technical Information

CA Series	4-pole (3 + PE)	7-pole (6 + PE)
		
 General Data		
No. of Pins	3 + PE	6 + PE
Cable-Gland (field attachable)	TR 22	TR 22
Cable-Range (field attachable)	ø 6 mm to 12 mm	ø 6 mm to 12 mm
Terminal Type (field attachable)	Screw	Solder
Conductor Size (field attachable)	0.5 mm ² to 2.5 mm ²	max. 0.75 mm ²
Cable Material (molded)	–	–
Conductor Size (molded)	–	–
Housing/Contact Holder Color	Black	Black
 Electrical Data		
Operating Voltage	400 V AC/230 V DC	230 V AC/DC
Current	16 A AC/10 A DC	10 A AC/DC
 Environmental Data		
Ambient Temperature*	-40 °C to +90 °C	-40 °C to +90 °C
Protection Degree	IP65, IP67	IP65, IP67
Approvals	UL, VDE, CSA	UL, VDE, CSA

* Notice derating and cable temperature



Product Configurator

Field Attachables and Receptacles

Series Indicator

CA = CA Series

Pin Assignment

3 = 4-pole (3 + PE)

6 = 7-pole (6 + PE)

Geometry Design

□ = Straight

W = 90° angled

Gender & Design

LS = Male connector, field attachable

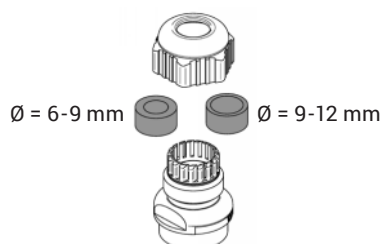
LD = Female connector, field attachable

GS = Male connector, receptacle with flange

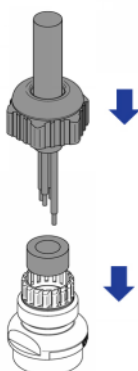
GD = Female connector, receptacle with flange

C A 3 W L S

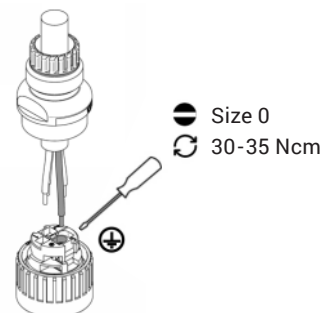
CA Series – intuitive assembly in a jiffy



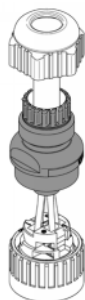
Pick the right sealing depending on your cable size.



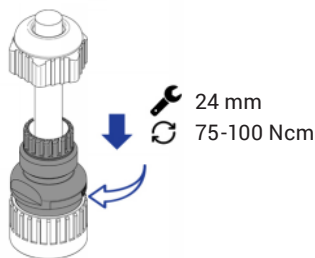
Insert the sealing into the body, then push the cable through.



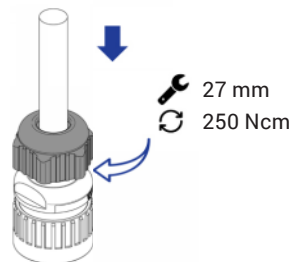
Unscrew the PE-contact, insert the PE-conductor and tighten again.



Repeat this procedure for the remaining contacts.



Screw the connector body to the contact holder.



Screw the cable gland to the connector body.



Order Overview

CA Series	4-pole (3 + PE)		7-pole (6 + PE)	
	Male	Female	Male	Female
1. Choose Coding → 2. Choose Design ↓				
Field Attachables	Description / Order No.	Description / Order No.	Description / Order No.	Description / Order No.
Straight, screw type	CA 3 LS / 934 124-100	CA 3 LD / 934 125-100	–	–
Straight, solder type	–	–	CA 6 LS / 934 126-100	CA 6 LD / 934 127-100
Angled, screw type	CA 3 WL S / 934 128-100	CA 3 WL D / 934 129-100	–	–
Angled, solder type	–	–	CA 6 WL S / 934 130-100	CA 6 WL D / 934 128-100
Receptacles				
Screw type	CA 3 GS / 932 322-100	CA 3 GD / 932 321-100	–	–
Solder type	–	–	CA 6 GS / 932 326-100	CA 6 GD / 932 325-100
Accessories				
Safety cap & fixing cord	CA 00 SD 1 / 831 530-400	CA 00 SD 3 / 831 532-400	CA 00 SD 1 / 831 530-400	CA 00 SD 3 / 831 532-400

Please see page 3 for more information.

