



# APPLICATION & ASSEMBLY INSTRUCTION

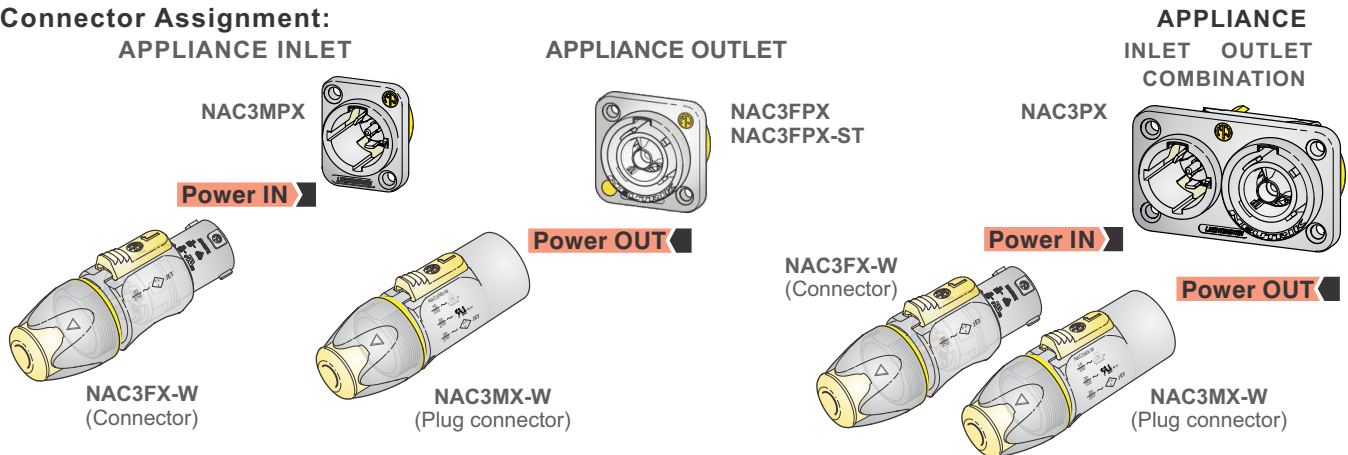
## NAC3FX-W | powerCON TRUE1

### A. APPLICATION INSTRUCTION

#### Application:

The powerCON TRUE1 system is certified as a connector with breaking capacity according IEC 60320, VDE 0625. It is intended for use as an appliance coupler and interconnection coupler. It serves to supply power to an appliance and from an appliance to other equipment. To be installed by qualified person only.

#### Connector Assignment:

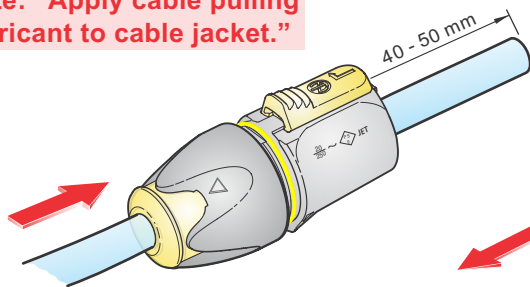


<b>Approval based:</b>	<b>VDE</b> EN 60320-1/EN60320-2	<input checked="" type="checkbox"/>	<b>UL</b> UL 498 / CSA C22.2 No. 182.3	<input checked="" type="checkbox"/>
<b>Rating:</b>	250 V ac / 16 A		250 V ac / 20 A	
<b>Cable Type:</b>	H05VV-F3G 1.0 mm <sup>2</sup> , Length max. 2 m H05VV-F3G 1.5 - 2.5 mm <sup>2</sup> H07RN-F3G 1.5 mm <sup>2</sup>		SJTOW, SJOOW 3 x 12 AWG	
<b>Strain Relief:</b>	White chuck		White chuck	
<b>Cable O.D.:</b>	6.0 - 12.0 mm		6.0 - 12.0 mm	

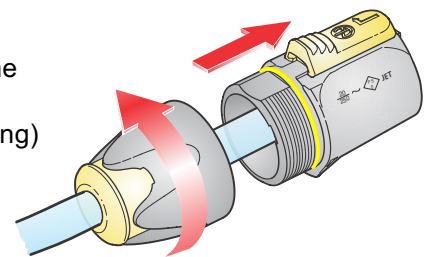
### B. ASSEMBLY INSTRUCTION

**A** Insert cable into the bushing and housing.

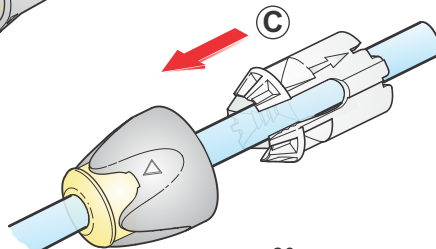
**Note:** "Apply cable pulling lubricant to cable jacket."



**B** Separate the housing from the bushing (cable remain in bushing)

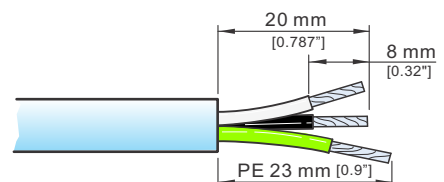
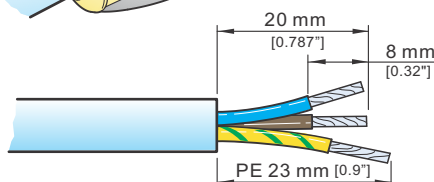


**C** Place chuck over the cable.



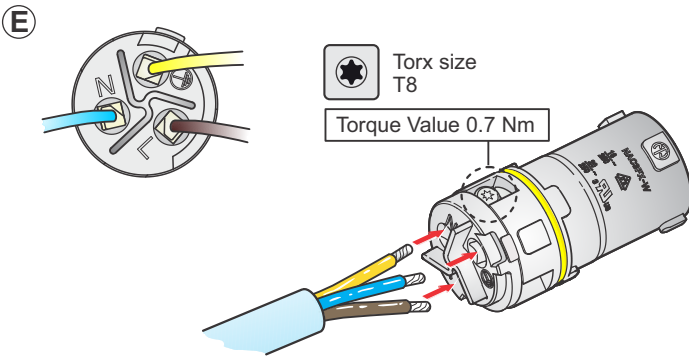
**i Recommendation:**  
Wire Pulling Lubricant - LUB-I/0.95 from 3M™

**D** Prepare cable as shown.



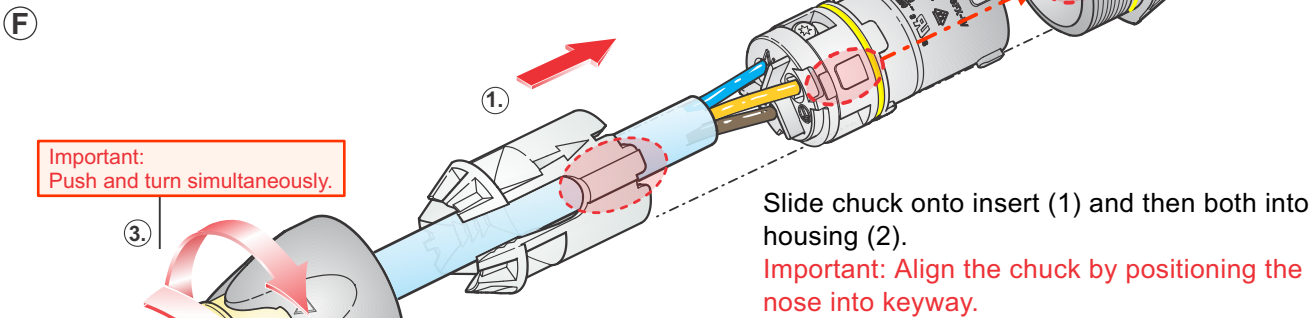
**VDE (EN 60320-1/EN60320-2-2)**

**UL (UL 498 / CSA C22.2 No. 182.3)**

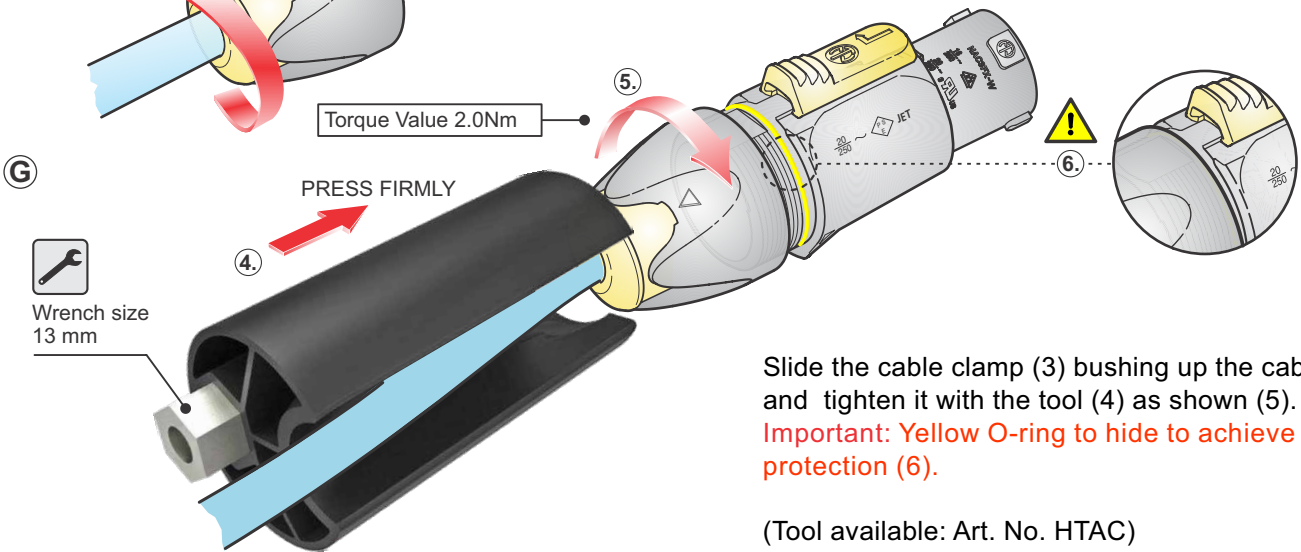


Slide the cable into the contacts and clamp with the screw with Torx size T8.

Wiring	VDE	UL
L	▯ brown	▯ black
N	▯ blue	▯ white
⊥	▯ green/yellow	▯ green



Slide chuck onto insert (1) and then both into housing (2).  
Important: Align the chuck by positioning the nose into keyway.

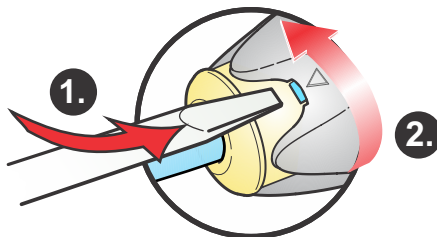


Slide the cable clamp (3) bushing up the cable and tighten it with the tool (4) as shown (5).  
Important: Yellow O-ring to hide to achieve IP protection (6).

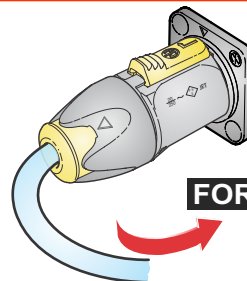
(Tool available: Art. No. HTAC)

**FOR DISASSEMBLY - OPEN TWIST LOCK!**

- Press with screw driver to unlock
- Turn bushing 360°.
- Repeat step ①+② until bushing is unscrewed.



**CAUTION**



To ensure protection category, do not expose the connection to bending forces (e.g. do not attach loads to the cable, no free-dangling cable windings etc.).



**SAFETY WARNING**

For safety and certification reasons the connector must be replaced in case of any broken parts or excessive wear and tear.

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