



# APPLICATION & ASSEMBLY INSTRUCTION

## NAC3FX-W-TOP | powerCON® TRUE1® TOP

### A APPLICATION INSTRUCTION

#### Application other equipment:

- 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:

##### APPLIANCE INLET

NAC3MPX-TOP  
NAC3MPX-WOT-TOP

Power IN ▶



NAC3FX-W-TOP  
(Connector)

##### APPLIANCE OUTLET

NAC3FPX-TOP  
NAC3FPX-WOT-TOP  
NAC3FPX-ST-TOP

Power OUT ◀



NAC3MX-W-TOP  
(Plug connector)

##### APPLIANCE INLET / OUTLET

▶ Combination

NAC3PX-TOP

Power IN ▶



Power OUT ◀

NAC3MX-W-TOP  
(Plug connector)

powerCON® TRUE1® TOP line is full backward compatible with the preceding powerCON TRUE1 products.

#### Approval based:

VDE  
EN 60320-1



UL 60320-1

CAN/CSA-C22.2 No. 60320-1



#### Rating:

250 V ac / 16 A

250 V ac / 20 A

#### Cable Type:

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

#### Cable O.D.:

6.0 - 12.0 mm

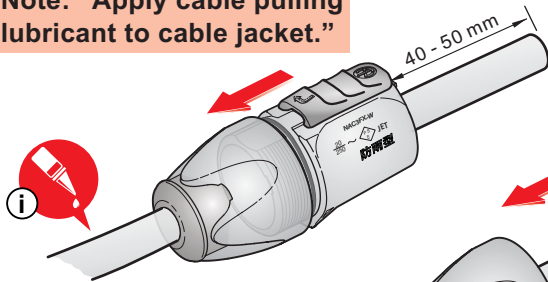
6.0 - 12.0 mm

- The manufacturer of cord sets and of interconnection cord sets is responsible for the conformity assessment according to the applicable regulatory documents.

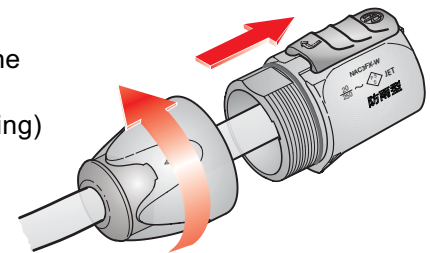
### B ASSEMBLY INFORMATION

- Ⓐ Insert cable into the bushing and housing.

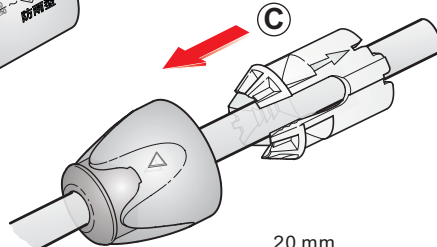
Note: "Apply cable pulling lubricant to cable jacket."



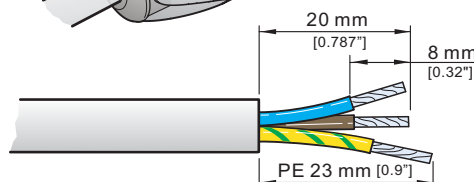
- Ⓑ Separate the housing from the bushing (cable remain in bushing)



- Ⓒ Place chuck over the cable.

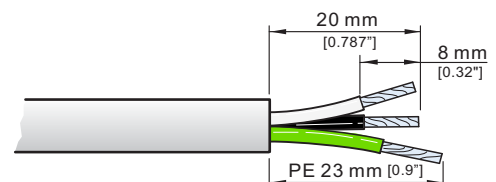


- Ⓓ Prepare cable as shown.

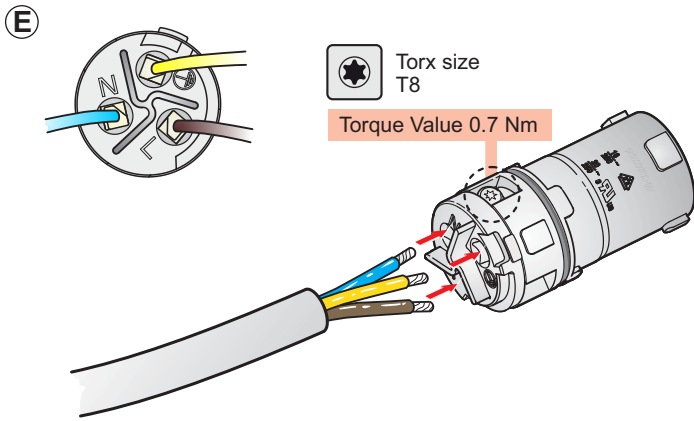


■ VDE  
EN 60320-1

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

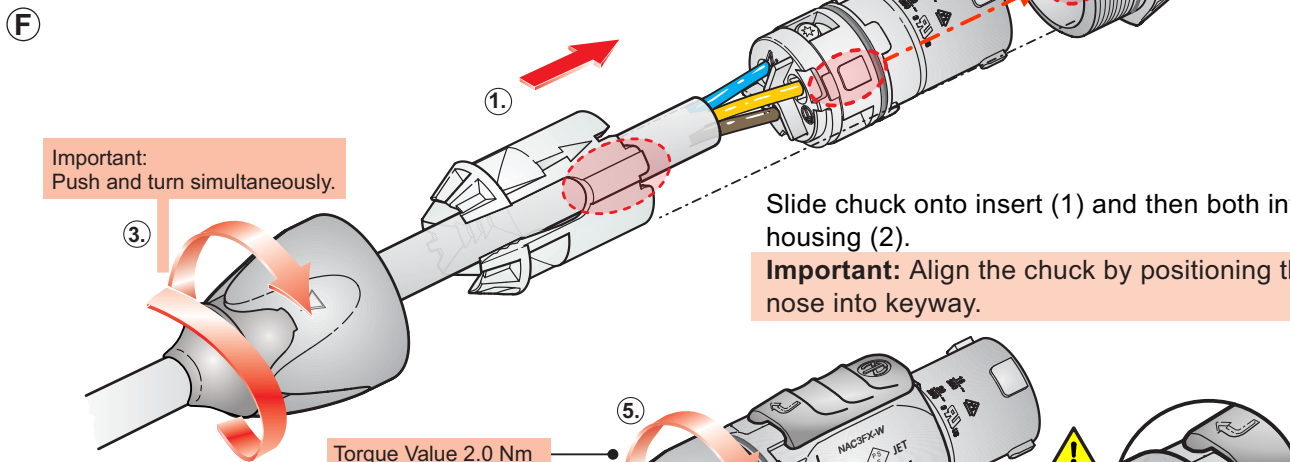


■ UL 60320-1  
CAN/CSA-C22.2 No. 60320-1



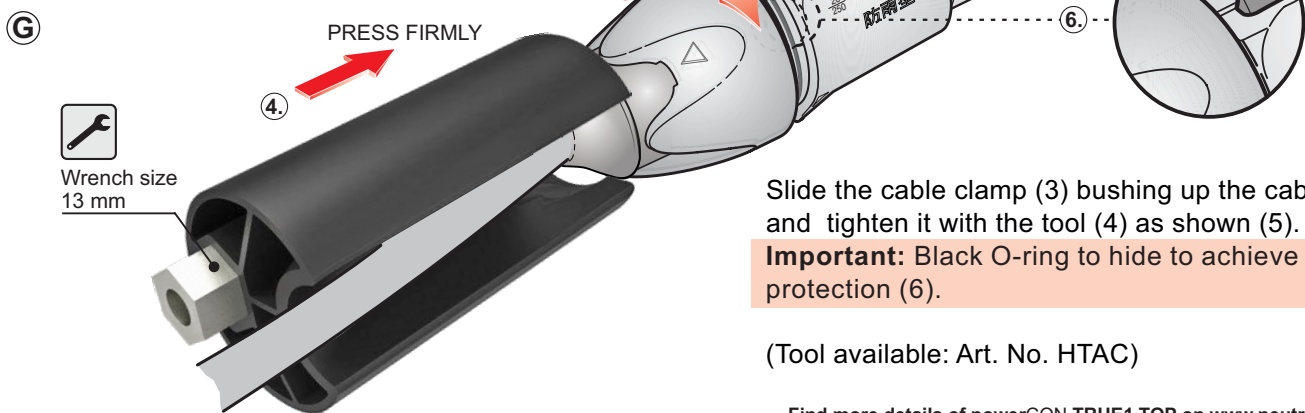
Slide the cable into the contacts and clamp with the screw with Torx size T8.

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:** Black O-ring to hide to achieve IP protection (6).

(Tool available: Art. No. HTAC)

Find more details of powerCON TRUE1 TOP on [www.neutrik.com](http://www.neutrik.com).

**C FOR DISASSEMBLY**

**OPEN TWIST LOCK!**

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

**D SAFETY INFORMATION**

**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.



Draft. Nr.: BDA 541 V4  
Update: 2023-06-28

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[www.neutrik.com](http://www.neutrik.com)

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