



SAFETY & ASSEMBLY INSTRUCTION

AC Installation Coupler | Locking single-phase AC connector 2P+PE with 2 additional earth/ground contacts

Important Safety Instruction:

-  **Caution:** Installation by qualified / authorized personnel only!
-  **Attention:** This is not a Three-Phase connector!
-  **Caution:** To reduce the risk of electric shock, do not terminate connector when conductors are live!

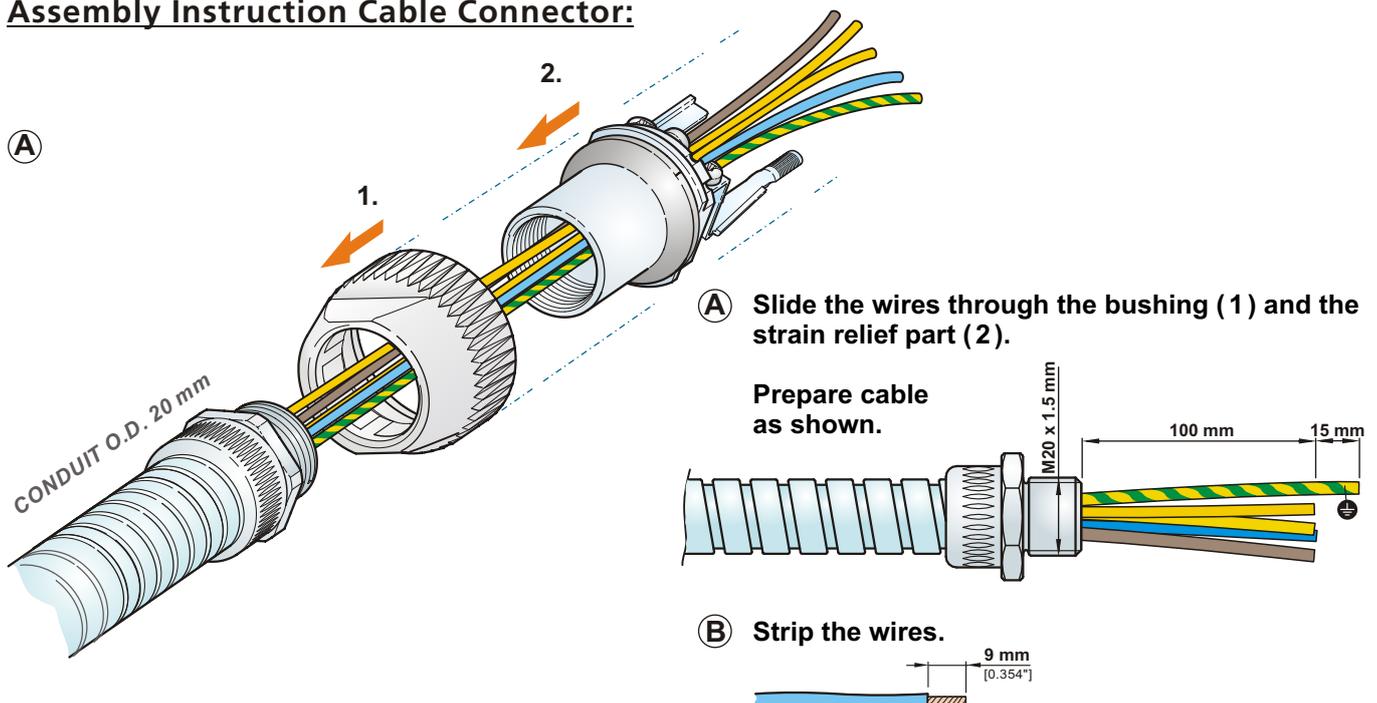
Application:

The AC installation coupler is conceived to serve the needs of distribution systems for professional IT equipment and desk power supplies, in the office environment. The system is designed according to the British Standard BS 7671 section 607 only and approved by ASTA REF 845, and is therefore limited to corresponding applications. Operation is only guaranteed for related applications.

The coupler features:

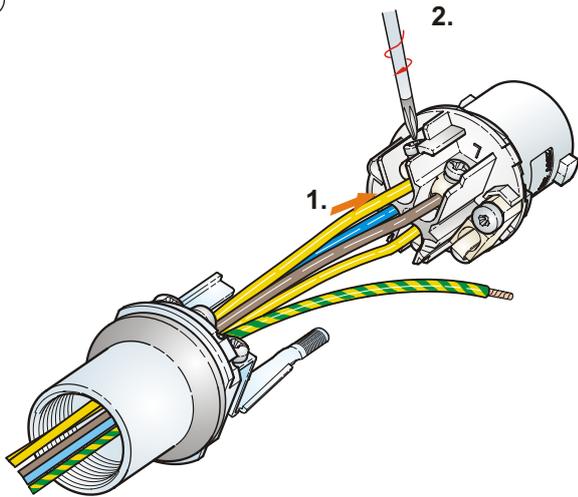
- 250 Vac, 32 Amp single-phase (for ambient temperatures up to 35°C)
- 2 functional earths (E1, E2) for high integrity "earth loop"
- metal conduit connected to PE ⚡
- Cable connector NAC3-2FC connected to mains supply
- Cable O.D. range: 5 conductors with max. O.D. 5.0 mm each
- Wiring: Cable Connector: Screw-type terminals for stranded wires 1.5 to 4.0 mm² only
Chassis Connector: Screw-type terminals for wires 2.5 to 6.0 mm²

Assembly Instruction Cable Connector:



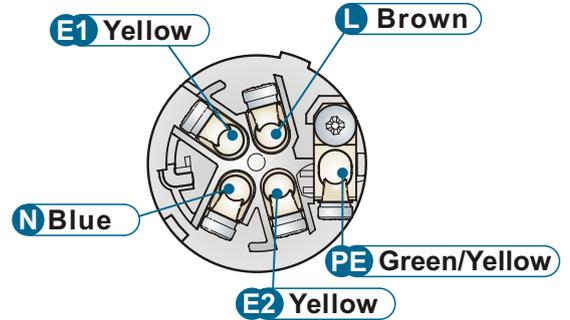


C

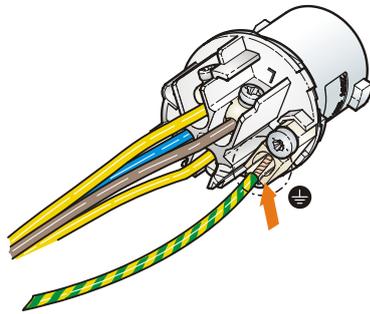


C Insert wires to terminals L, N, E1 + E2 and tighten.

Wiring:

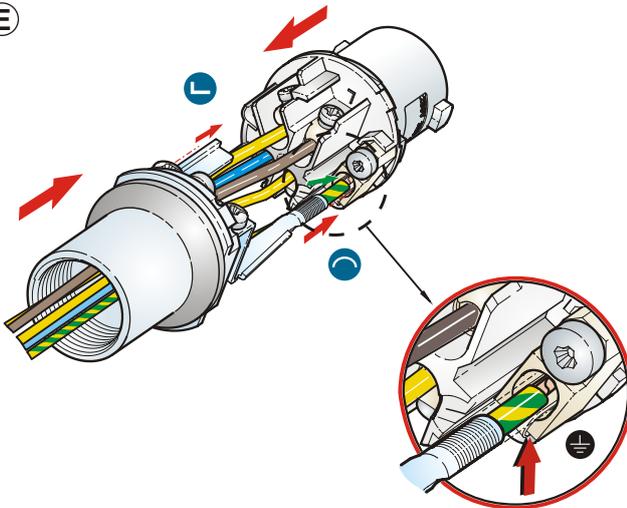


D



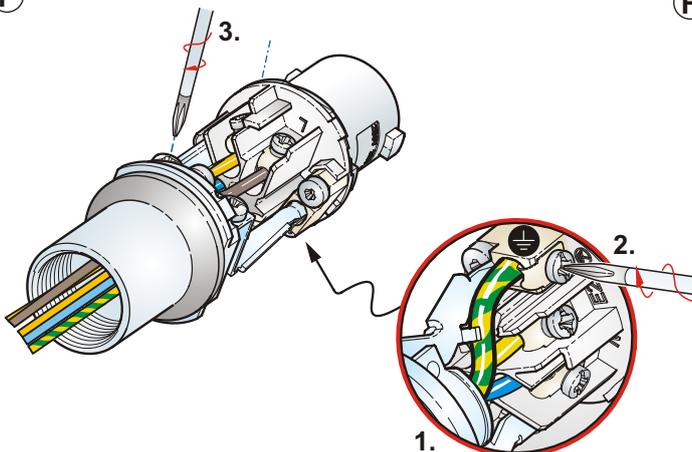
D Insert PE conductor into related terminal.

E



E Slide fork piece (L + shape) of strain relief into the PE Terminal and guiding slot respectively.

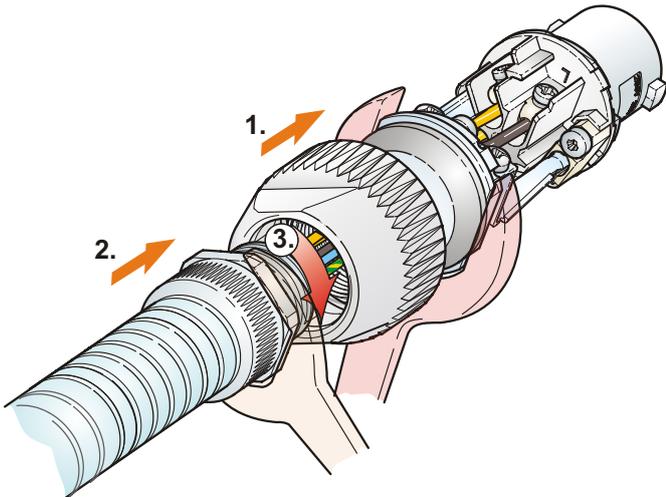
F



F 1. Position PE Conductor as shown in detail.
2. Tighten PE Terminal.
3. Tighten cable clamp
➤ recommended torque 0.5 Nm



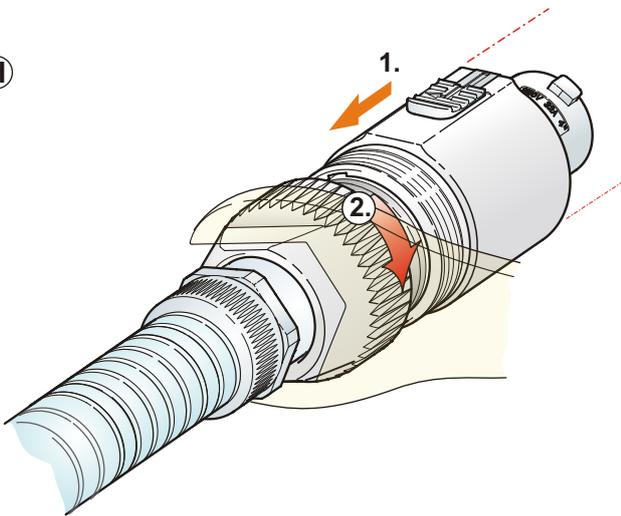
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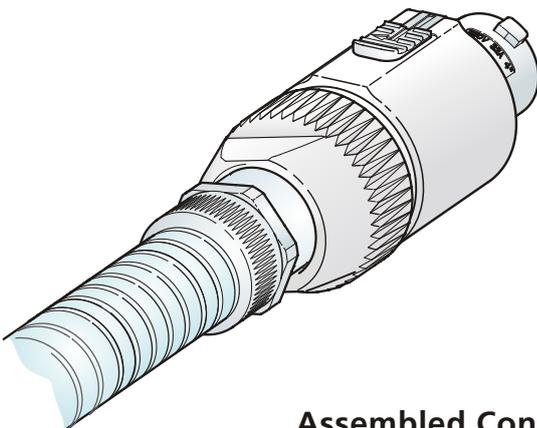
1. Slide bushing onto rear part of strain relief.
2. Screw conduit and strain relief together and tighten (3.) by means of an open wrench size 24 mm.

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1. Slide housing over insert (check keyway).
2. Tighten bushing using open wrench 27 mm, > min. torque 2.5 Nm.



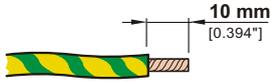
Assembled Connector



Assembly Instruction Receptacle:

A

A Strip the wires.



B

B Insert wires to terminals and tighten.

