

# MARINCO

power products

## 20A Power Connector

PC20FCI: Blue 20A 500V Power Connector Input  
 PC20FCO: Grey 20A 500V Power Connector Output

### ASSEMBLY INSTRUCTIONS

1. Use 12AWG to 14AWG cable with an outer diameter from .310 in - .470 in (8mm – 12mm). Slide the strain relief (1) and insert (2) over the cable as shown in Fig. A.
2. Prepare the cable as shown in Fig. B.
3. Insert the wires into the terminals as shown in Fig. C.
  - Black to L
  - White to N
  - Green to  $\perp$
4. Torque the terminal screws to 5 LBS-IN (0.5 N-m)
5. Align the insert with the connector body (3) as shown in Fig D. and Fig E. The key must be aligned with the slot for proper assembly as shown in Fig. F.
6. Slide the connector body through the connector housing (4). The key on the connector body must be aligned with the slot in the connector housing as shown in Fig F.
7. Use 13/16 in (21 mm) wrench to thread the strain relief onto the connector housing. Torque to 22 LBS-IN (2.5 N-m). When using a crowfoot wrench adjust the torque setting appropriately.

### Connect and Disconnect

1. To connect align the two keys to the keyway on the panel mount (5). Push together. Rotate clockwise to lock. The blue Power Connector will only mate with the blue panel mount. The grey Power Connector will only mate with the grey panel mount.
2. To disconnect pull latch back, rotate counterclockwise, and pull apart.

**CAUTION - RISK OF ELECTRIC SHOCK.**  
**DO NOT DISCONNECT UNDER LOAD**  
**ATTENTION - RISQUE DE CHOC ÉLECTRIQUE.**  
**NE PAS DÉBRANCHER SOUS CHARGE**

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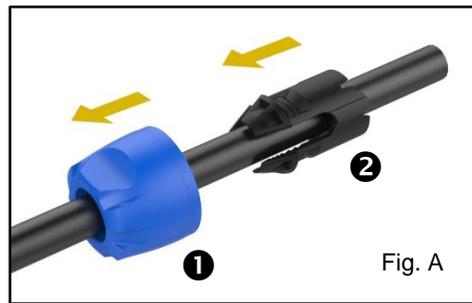


Fig. A

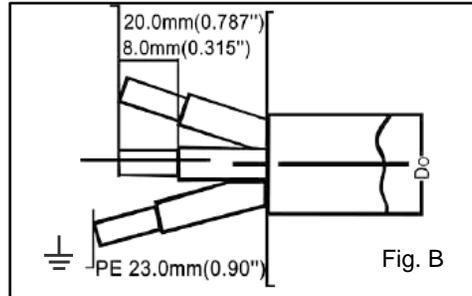


Fig. B

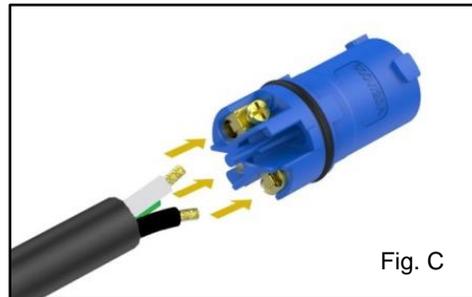


Fig. C

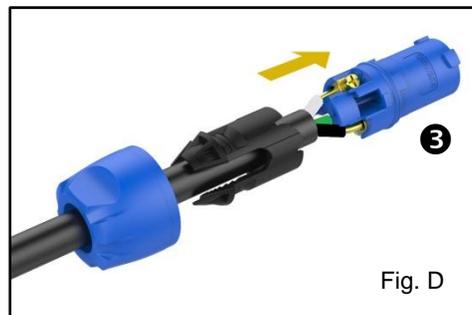


Fig. D



Fig. E



Fig. F



Fig. G

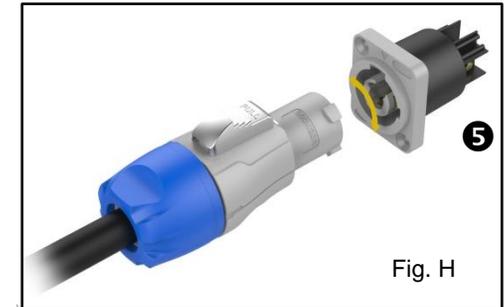


Fig. H



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