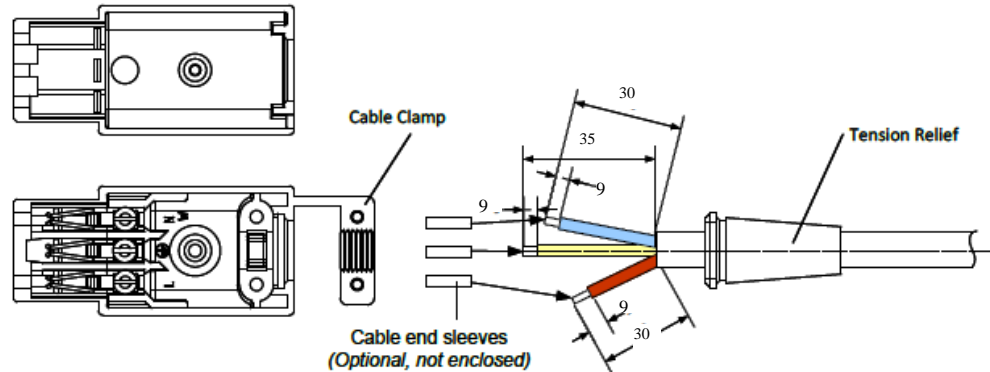


IEC 60320 C13 Rewireable Connector
83012500

Wire Preparation and Assembly Diagram



Instructions:

- 1) Choose appropriate cable type: For international use, cable types H05VV-F3G or H05RR-F3G with a maximum cable diameter of 10mm and minimum wire size of $3 \times 0.75\text{mm}^2$ and a maximum wire size of $3 \times 1.50\text{mm}^2$. For North America, maximum wire diameter of 10mm, types SVT or SJT and 18AWG minimum, and 14AWG maximum. For cords exceeding 2 meters in length, nominal cross-sectional area shall be $1.00\text{mm}^2/16\text{AWG}$.
- 2) Strip outer jacket from cable 35mm.
- 3) Cut the single wires into length as shown.
- 4) Strip each conductor's insulation back 9mm. Do not strip more than 10mm. **Note:** Cable end sleeves (Ferrules) may be used but are not required (not included).
- 5) Disassemble the connector body as shown in the above diagram.
- 6) Loosen cover screw and remove cover.
- 7) Loosen strain relief (cable Clamp) screws and remove.
- 8) Insert cable into tension relief boot.
- 9) Insert each wire into the proper terminal location and tighten to the Torque Values listed below.
- 10) Neutral wire connects to terminal designated by N.
- 11) Ground connects to the center terminal designated with the ground symbol.
- 12) Line wire connects to the terminal designated L.
- 13) Slide tension relief boot up cable jacket and re-insert into the slot behind the cable clamp assembly.
- 14) While pushing the cable so that the outer cable jacket stays just beyond the cable clamp assembly, flip the cable clamp up and over the jacket and tighten into place by alternating from screw to screw. Tighten to the Torque Values listed below.
- 15) Making sure wires are out of the way, replace top half of connector and tighten assembly screw to a recommended torque value of 0.30Nm.

