

125 Amp unit: The 35 mm² maximum wire size specification is incorrectly stated, and should read 50 mm² (1/0 AWG).

Installation

2.3. Wiring

2.3.1. Power

2.3.1.1. Thyristor units from 40 to 125A

Installation

Terminal sizes: power cable cross-section: 4mm² to 35mm².
The **unsupported** length of the power cable should not exceed 80 cm.
Tightening torque: 2 to 4 N.m.

To connect the supply and loads (see fig.2.10):

- Remove the front cover (see fig.2.5)
- Remove the plastic sleeves of the **LINE** and **LOAD** terminals
- Unscrew the grub screw
- Insert the line and load cables into their respective terminals
- Engage the grub screws without tightening and refit the protective sleeves before tightening
- Tighten all connections and refit the front cover.

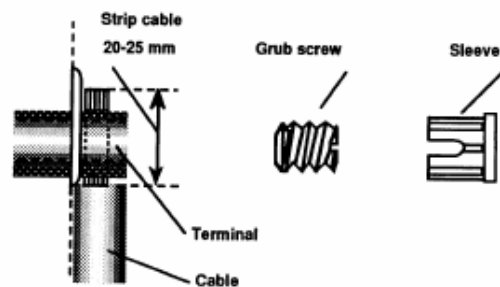


Figure 2.10. TU2170 Power Connections (40 to 125A)