

Installation Instructions ALPHA BS II 200 TPN Distribution Boards

This unit should be installed by a qualified competent person, in accordance with all relevant legislation and regulations including building regulations and wiring regulations BS7671. If in doubt contact a qualified competent person.

After installation, tests must be carried out in accordance with the requirements of the current edition of the IEE Wiring Regulations.

- 1) Remove shrouds and loosen slotted terminal screws x3 and offer assembly to busbar end connections. Please note direct connections are designed to fit under busbar end connection.
- 2) Fix the direct connection assembly to the back plate with screws provided.
- 3) Fully tighten terminal screws to secure to busbar (See table below for torque value).
- 4) Connect incoming cables to the large terminal cages at the lower end of assembly and tighten to the recommended torque as shown in the table below.
- 5) Fit the large top terminal shroud – ensure that phase barriers are correctly located between the terminal cages at the main Busbar connection, and fix the shield with the screws.
- 6) Remove left hand neutral terminal cover, raise the 2 screws adjacent to the movable neutral link. Loosen link screw and slide to engage with 2 terminal screws, tighten screws (See table below for torque value) & replace neutral bar shroud.
- 7) Fit main incoming neutral cable to terminal and replace neutral terminal shroud

Note

- Before fitting all shields and the front cover, check the tightness of **all** connections, including factory made connections.
- **DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS**

TERMINAL	Max Cable Capacity	TORQUE Nm
TERMINAL CAGE SCREWS	N/A	6Nm
TERMINAL CAGE GRUB SCREW	120mm ²	12Nm
Neutral Bar Screws	25mm ²	2.3Nm

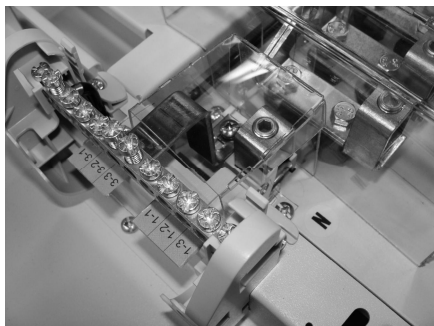


Fig.2

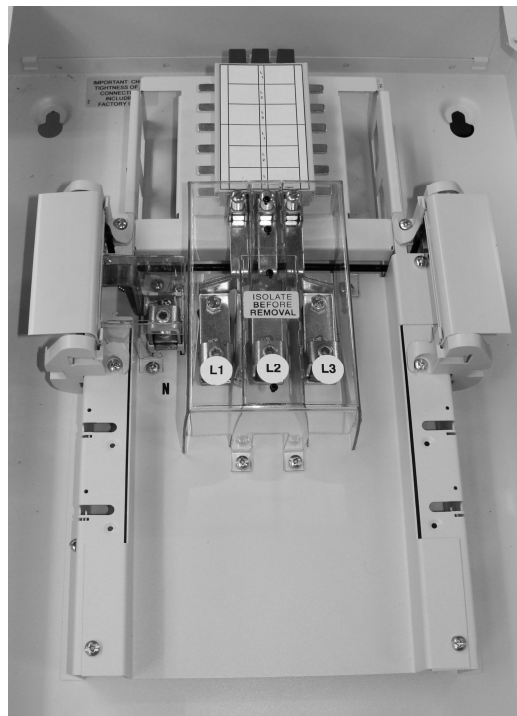


Fig.1