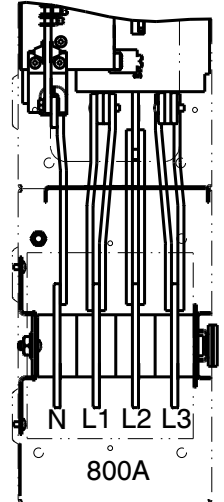
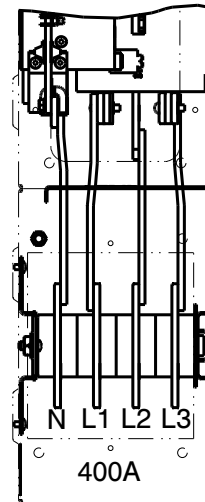
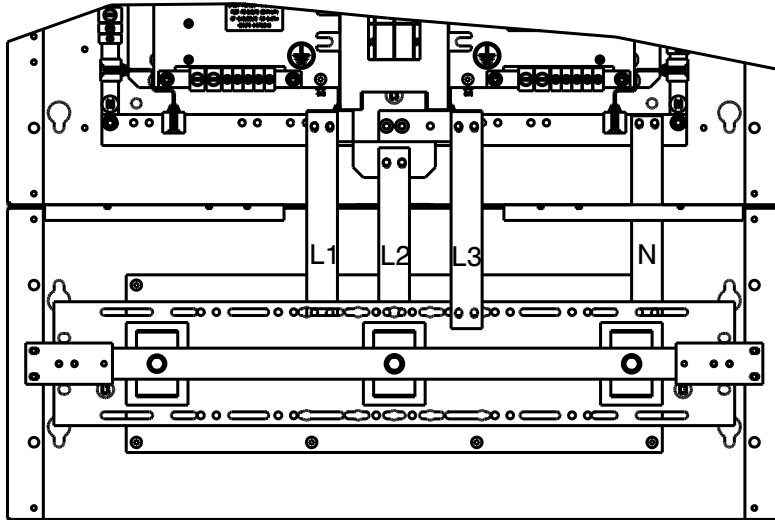


**400/800A LOADBANK TO HORIZONTAL BUSBAR**
**FITTING INSTRUCTIONS**

SHEET 1 OF 1



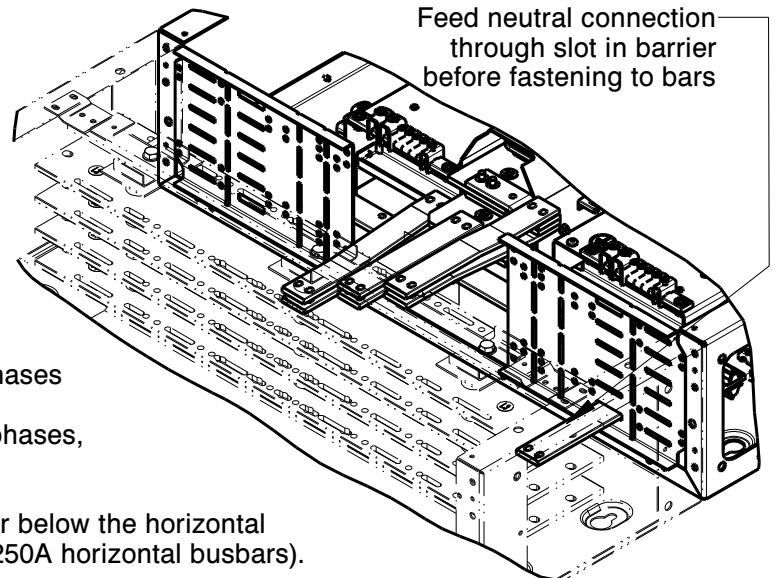
Installation and operation must be in accordance with published data, instructions and diagrams and any relevant national and local regulations

**Copper sizes**

MCLB400 - 400A - 1 lamination of 30 x 6 for phases & neutral

MCLB800 - 800A - 2 laminations of 30 x 6 for phases, 1 lamination of 30 x 6 for neutral

**Note:** Panel board can be fitted either above or below the horizontal busbars (drawing above shows panel above 1250A horizontal busbars).


**800A connections**

- 1) Remove front/end plates, cross straps and shrouds as required.
- 2) Position the interconnections between the panel board and the busbars as shown above and secure with the M6 nuts, bolts and washers provided. **NOTE:** neutral connection needs to be fed through the slot in the horizontal busbar barrier first.
- 3) Tighten the connections to the torque recommended in table below.
- 4) Use the supplied phase label markers to mark the connections after fitting.
- 5) Refit the panel board front shroud over the interconnections.
- 6) Fit the horizontal busbar barriers between the unit and the busbars by bolting the barrier to the busbar box side flange and the panel board connection shroud using the M5 x 12 bolts, nuts and washers supplied in the horizontal busbar barrier fixing kit. **NOTE:** Fit with the barrier flange protruding into the horizontal busbar area.
- 7) Refit cross straps and front plates.

RECOMMENDED TORQUE FIGURES (unless otherwise stated)						
SIZE	M5	M6	M8	M10	M12	M16
TORQUE Nm	5.5	9.5	17	28	45	91