

LOADBANK YB1 INSTALLATION INSTRUCTIONS

Direct Connection 250/400A (PBDC2 & PBDC4)

1) INSPECTION ON RECEIPT. 2) INSTALLATION PROCEDURE.

6 x INTERCONNECTORS (PBDC2 only)

1 x INCOMING SHROUD

1 x SUPPORT BRACKET

2 x INTERPHASE BARRIERS

FASTENERS M8, M6 & M5

INSTALLATION AND OPERATION MUST BE IN ACCORDANCE WITH PUBLISHED DATA, INSTRUCTIONS AND DIAGRAMS AND WITH ANY RELEVANT NATIONAL AND LOCAL REGULATIONS.

Storage prior to installation must be in clean, dry conditions.



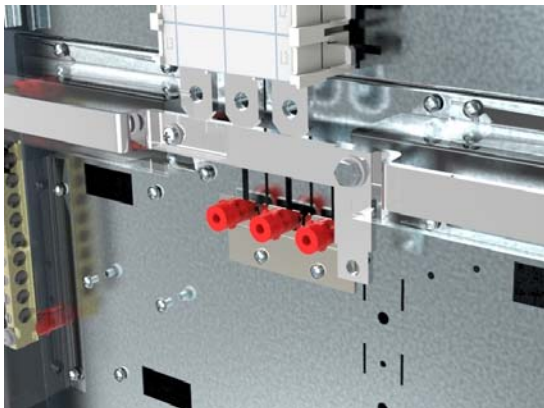
1) Remove the front plate assemblies from the panel board.

2) Remove the inter-connector busbar shroud, interphase barriers and lower terminal shroud.



3) Fit the 20mm insulators to the direct connection mounting plate using the M6x6 screws/washers provided.

4) Fit the direct connection mounting plate to the incomer mounting plate of the panel board



250A Panelboard

5) Fit the inter-connections supplied with PBDC2 to the busbar terminals and insulators using the M8 fasteners supplied with the panel board for the busbar and the M6 fasteners supplied in the kit for the insulators.

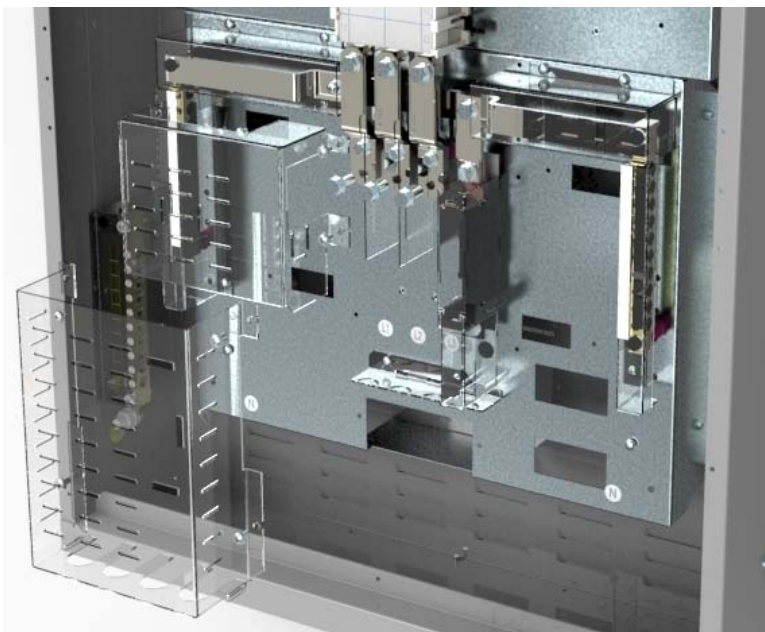
6) Fit the PBDC2 interphase barriers

7) Fit neutral link assembly YB3NLPB

8) Replace the interconnection shroud.

9) Fit the direct connection shroud.

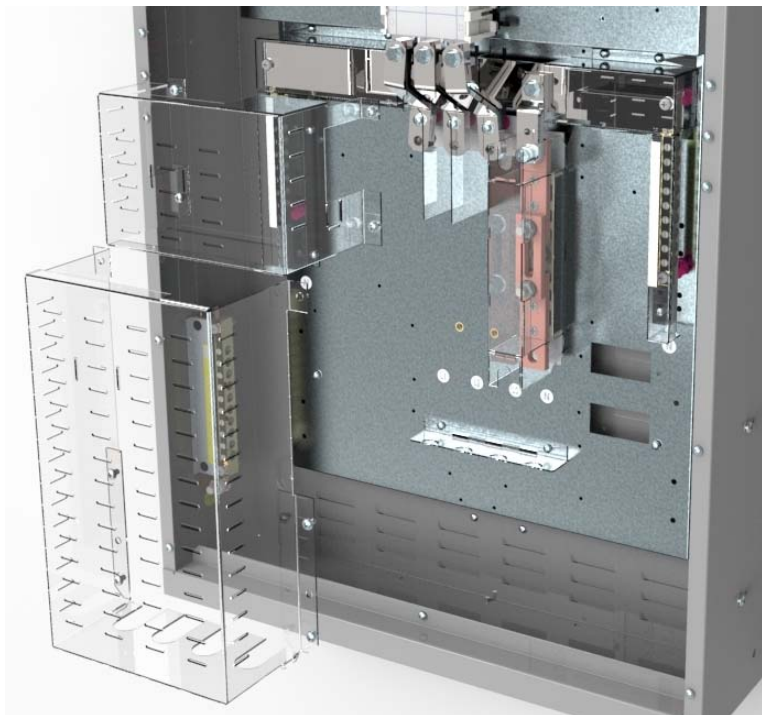
10) Replace front plate assemblies.



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Refer to items 1 to 4

- 5) Use the inter-connections supplied with panelboard and fit to the insulators using the M6 fasteners supplied with the kit.
- 6) Fit the PBDC4 interphase barriers.
- 7) Fit neutral link assembly YA5NLPB
- 8) Replace the interconnection shroud.
- 9) Fit the direct connection shroud.
- 10) Replace front plate assemblies.

MAINTENANCE

Maintenance must be carried out by competent personnel **WITH THE SUPPLY ISOLATED**.

However no maintenance of this enclosure is required except for the periodic checking of the tightness of all electrical connections:-

All electrical connections should be correctly aligned, tightened and checked against the following torque figures:-

M4 – 1.35Nm **M5** – 5.5Nm **M6** – 9.5Nm **M8** – 17Nm **M10** – 28Nm **M12** – 45Nm **M16** – 91Nm

We recommend that you retain this sheet and store it with the panelboard for future reference.