

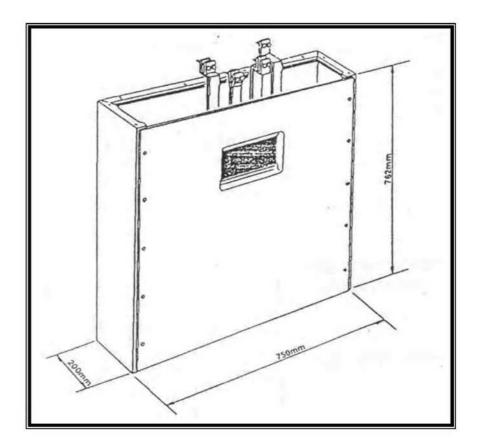
LB1Y6

Page: 1 of 4

INSTALLATION INSTRUCTIONS

Enclosure for 630A MCCB Incomer for Loadbank II

- Enclosure suitable for Y6 moulded case breaker or switch disconnector up to 630A.
- · Fully compatible with Loadbank dimensions.
- Supplied with interconnections for direct attachment to 630A Loadbank busbars.



N9001618B

LOADBANK 250



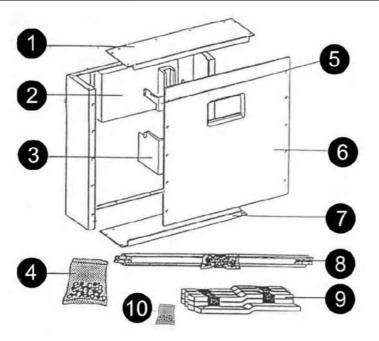
Page: 2 of 4

LB1Y6





- MCCB mounting plate
- Fixing screw kit
- Top terminal shroud
- 7) Bottom end plate
- 8) Cross strap kit + conn screw kit
- Busbar connection kit (3 phase and 1 neutral)
- 10) Neutral screw kit



Details

Height	762mm
Width	750mm
Depth	200mm
Weight	32Kg

Description

Cross strap kit - Provides additional support when LB1Y6 is attached to main panel.

Busbar connection kit - Provides all necessary components to connect Y6 MCCB to main panel busbars. Kit includes neutral

Neutral connection - Enclosure supplied with neutral link assembly, with facility for isolation of neutral.

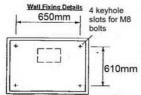
External . - 1.6mm steel, rust protected, Polyesters powder Coating, light grey shade to RAL 7035.

Copper connections - 2 x 40mm x5mm per phase

Mounting plate - 1.6mm steel; Polyesters powder Coating, light grey shade to RAL 7035

Incoming cable - Y6 MCCBs provided with extension terminals to take up to 300mm².

Cable spreading room - For additional spreading room use one of the modular enclosures types LEBM1 (152mm high) to LEBM6 (762mm high).



Assembling a loadbank System

Attached main Loadbank panel to wall, using instructions supplied with it.

Fix LB1Y6 above or below the main panel, having removed front shields and end plates from both units.

Proceed as detailed on next page

This equipment must be installed in accordance with the requirements of all relevant legislation, regulations (including the latest edition of the IEE wiring regulations) and the accepted practice in the Industry.

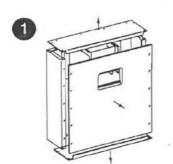
LOADBANK 250



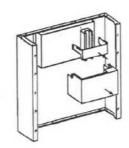
LB1Y6

Page: 3 of 4

Step by step assembly procedure



Remove all front shields and end plates.



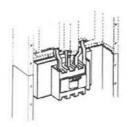
Remove top and bottom shrouds.

5.



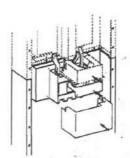
Mount the empty enclosure directly above or below the main Loadbank II panel. If mounted above, for top cable access, turn the unit upside down, ie. MCCB mounting adjacent to the main panel board. Fix to the wall with suitable bolts. Fix Loadbank II panels together using nuts, bolts and washers supplied with the cross strap kit. Note: Do not fit the front fixing bolts and cross strap yet.



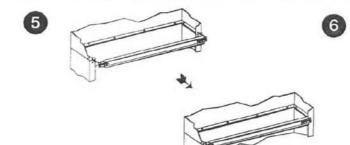


Mount the Y6 frame MCCB and fit electrical interconnectors between MCCB and panel board. Note: Interconnections are marked L1, L2, L3 & N.

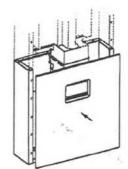
4



Re-fit one end plate pre-drilled to suit cable gland(s). Install incoming cable(s) using appropriate cable gland and sockets. Ensure that all connections are fully tightened. Re-fit top and bottom shrouding.



Fit cross strap as shown. Secure with the self-tapping screws provided.



Re-fit front shield.

N9001618B

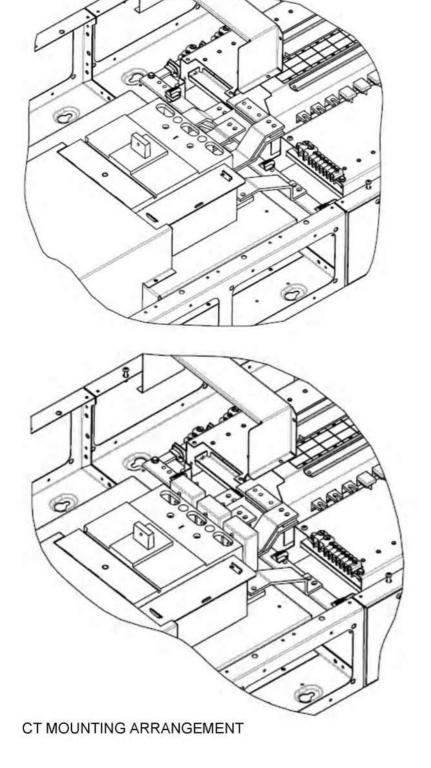
This equipment must be installed in accordance with the requirements of all relevant legislation, regulations (including the latest edition of the IEE wiring regulations) and the accepted practice in the Industry.

LOADBANK 250



LB1Y6

Page: 4 of 4



N9001618B

This equipment must be installed in accordance with the requirements of all relevant legislation, regulations (including the latest edition of the IEE wiring regulations) and the accepted practice in the Industry.