

LOADBANK YB1 INSTALLATION INSTRUCTIONS



Incoming Meter Kit (PB250MK & PB400MK)

INSPECTION ON RECEIPT.

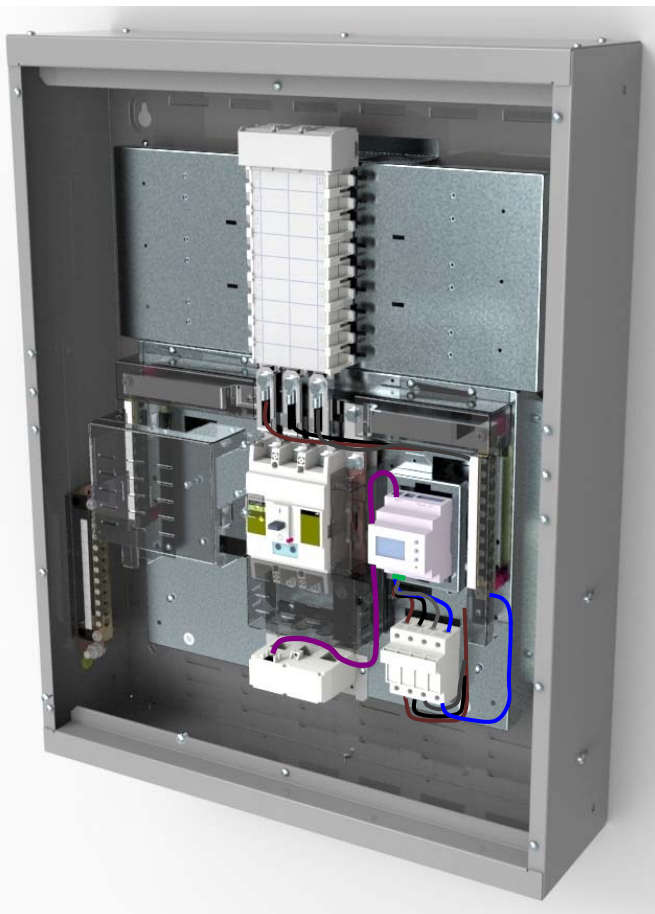
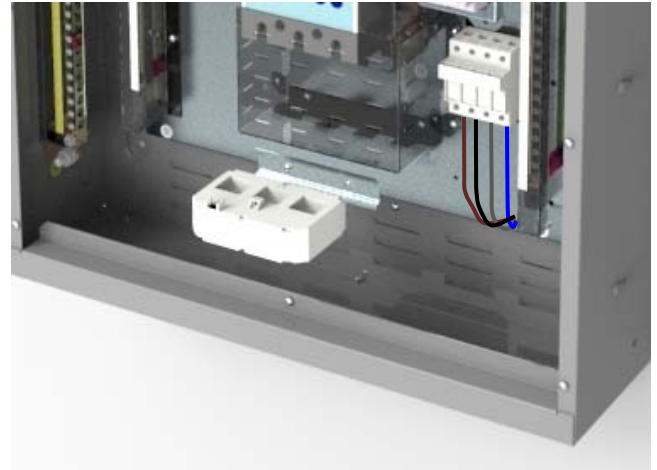
1 x Meter mtg plate.	1 x Meter.
1 x CT DIN rail.	1 x CT.
1 x Tap off harness.	1 x Fuse to Meter harness.
	1 x CT to Meter harness

INSTALLATION PROCEDURE.

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 front plate assemblies.
- 2) Mount the meter mounting plate to the RHS of the incomer mounting plate.
- 3) Mount the meter to the mounting plate.
- 4) Mount the DIN rail supplied below the incomer then mount the CT (P1 marking on CT must face source of supply) on the DIN rail.
- 5) Mount the fuse holder and harness directly to the lower RHS of the incomer mounting plate.
- 6) Remove busbar incomer shroud.
- 7) Connect fuse holder harness to the busbar incoming terminals and neutral bar
- 8) Cable from fuse holder to the meter using harness supplied.
- 9) Cable from meter to CT with harness supplied.



- 10) Replace busbar incomer shroud, ensuring cable are routed to the RHS
- 11) Set meter in line with meter installation instructions.
- 12) Replace all 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.

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