

LOADBANK YB1 INSTALLATION INSTRUCTIONS



Service Centre/Meter housing & Cable spreader box (PBSC32 & PBCSB)

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.

Service Centre/Meter housing



Top Mounted shown:

- 1) Remove the top front plate assembly from the panelboard.
- 2) Remove the top end plate from the panelboard.



- 3) Remove the front plate assembly and cross strap from the service centre/meter housing.



- 4) Attach the add on housing to the top of the panelboard using the M6 fasteners provided.
- 5) Populate the service centre/meter housing as appropriate.
- 6) Additional busbar end shroud and base only required when tapping off the busbars.
- 7) Refit the end plate on to the top of the housing and refit the cross strap & front plate assembly.
- 8) Identify the circuits on the way marker label.

Note!

Retain the panelboard busbar end shroud and base for use when taking a voltage tap off from the top of the busbar.

LOADBANK YB1 INSTALLATION INSTRUCTIONS

Cable Spreader Box



Top Mounted shown:

Refer to items 1 & 2 of installation of service centre/meter housing.

1) Remove the front plate assembly and cross strap from the cable spreader box.



2) Attach the add on housing to the top of the panelboard using the M6 fasteners provided.

3) Refit the end plate on to the top of the housing and refit the cross strap & front plate assembly.

Accessories

| | |
|---------------------------|---------|
| Service Centre : | PBSC32 |
| Cable Spreader box: | PBCSB |
| Direct Conn 250A: | PBDC2 |
| Direct Conn 400A: | PBDC4 |
| Incoming Meter Kit 250A : | PB250MK |
| Incoming Meter Kit 400A: | PB400MK |

Surge Protection Kit (Type 1): PBSPT1

Surge Protection Kit (Type 2): PBSPT2

Outgoing Meter Kit up to 125A: PB125MK

Additional Meter Kit:

Outgoing Meter Kit up to 125A: PB125MKA

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.