

Storage of kits
prior to installation
must be in clean
dry conditions.

LOADLIMITER 63

Refer also to General
Installation Leaflet

ACCESSORIES (2) INSTALLATION

INSTALLATION PROCEDURE

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

SINGLE PHASE CONVERSION KIT DBXTS

- 21 Remove three insulating shrouds from stems at the top of the busbar.
- 22 Install shorting link under three busbar stems using saddle clamps and screws.
- 23 Install end plate and shroud over link, with the end plate between the shroud and mounting plate and secure with two screws.
- 24 Cut single phase way markers to required length and place over existing way marker labels on busbar and front shield.
- 25 Cut neutral and earth way markers to size and place over existing neutral and earth way markers with due regard to the way the numbering sequence is required.



AV3100 /AV3125 Switch Disconnecter as incoming device

Proceed as above, and install Switch Disconnecter as follows:

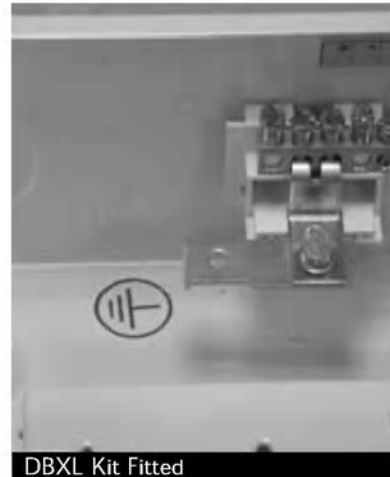
- 26 Remove short mounting rail and attach AV3100 Switch Disconnecter
- 27 Replace in lower position ensuring adaptor link fits between centre pole of the Switch Disconnecter and centre pole busbar stem using saddle clamp and screw.
- 28 Cable from spare right hand pole of Switch Disconnecter through aperture in mounting plate to incoming neutral terminal.
- 29 Install shroud over link and secure with two screws.
- 30 Insert one blanking piece into right hand position of front plate knockout and three into the remaining front shield aperture.
- 31 Attach ON/OFF label next to the Switch Disconnecter.

Direct Connection MCCB, or RCCB as incoming device Proceed as above, and install necessary kit:

- 32 For direct connection use yellow phase terminal only for incoming live supply.
- 33 MCCB use yellow phase interconnection only for incoming live supply.
- 34 For RCCB use red phase interconnection only for incoming live supply.

EARTH ISOLATING LINK DBXL
 NOTE: This is assembled exactly as the neutral isolating link supplied as standard, which can be used as a guide in positioning the component parts.

- 35 Remove screw attaching strap from left hand earth bar to base.
- 36 Release fixed earth terminal by slackening 2 screws on earth bar.
- 37 Slacken 2 screws holding earth bar onto black support moulding stems, and remove bar and terminal.
- 38 Fit new earth terminal between loose support moulding and original terminal support moulding.
- 39 Replace earth bar over three support moulding stems and tighten screws.
- 40 Engage prongs of earth link into holes on earth bar and tighten earth bar screws.
- 41 Tighten screws on sliding link.
- 42 Replace screw attaching earth strap from left hand earth bar to base plate.
- 43 Fit earth link label adjacent to incoming terminal.



MAINTENANCE

Maintenance must be carried out by competent personnel **WITH THE SUPPLY ISOLATED**. However no maintenance of the unit is required except for the periodic checking of the tightness of the terminals. 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 within the distribution board for future reference.

INSTALLER'S CHECK LIST

- Are the MCB's correctly fitted and secure ?.....
- Is the incoming device correctly fitted and secure ?
- Have the busbar terminal blanks and MCB blanking pieces been fitted to all spare ways ?
- Have all electrical connections been checked for tightness ?
- Has the cover plate been securely replaced ?.....
- Are all circuits adequately identified ?