

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

## LOADLIMITER 63

Refer also to General  
Installation Leaflet

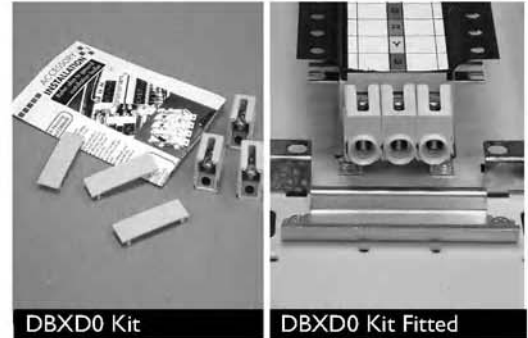
# ACCESSORIES (1) INSTALLATION

### INSTALLATION PROCEDURE

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

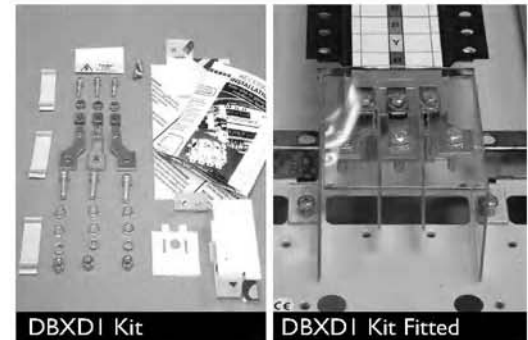
#### DIRECT CONNECTION KIT - DBXD0 35MM<sup>2</sup>

- 1 Slide the 3 terminal blocks together.
- 2 Install terminal block assembly under busbar stems and secure using screws.
- 3 Insert three blanking pieces into front shield aperture.



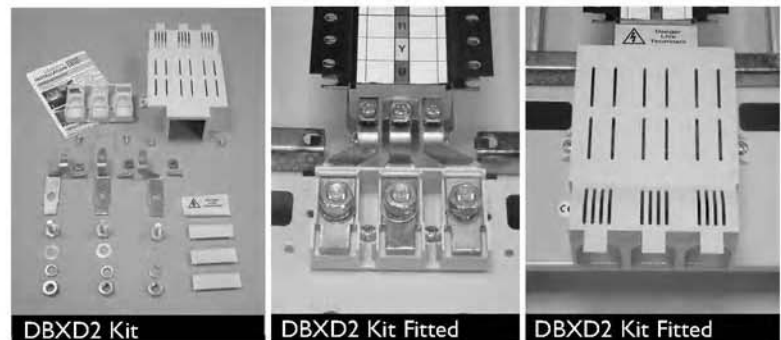
#### DIRECT CONNECTION KIT - DBXD1 70MM<sup>2</sup>

- 4 Remove short mounting rail and both fixing screws.
- 5 Place the flat busbar support between the busbar stems and the base plate.
- 6 Place U-shaped shroud over the centre busbar stem (so that projections on shroud are to the bottom).
- 7 Install terminal assemblies under busbar stems and secure with saddle clamps and screws.
- 8 Fit cable lugs to underside of terminals with screws provided.
- 9 Install terminal shroud over assembly and secure with two screws. Insert three blanking pieces into front shield aperture.



#### DIRECT CONNECTION KIT - DBXD2 150MM<sup>2</sup>

- 10 Remove short mounting rail and fit new lower mounting plate.
- 11 Place U-shaped shroud over the centre busbar stem (so that projections on shroud are to the bottom).
- 12 Offer up terminal assembly to busbar, ensuring terminal links pass under busbar stems and engage into busbar support moulding.
- 13 Insert and tighten securing screws for terminal assembly.
- 14 Fit saddle clamps over busbar stems and tighten screws.
- 15 After fitting incoming cables, install terminal shroud over assembly and secure with two screws.
- 16 Insert three blanking pieces into front shield aperture.



## FITTING LOADSWITCH HOUSING TO STANDARD BOARD USING DBXLSA1 OR DBXLSA2

- 37 Remove door and front plate assembly by undoing 4 fixing screws.
- 38 Remove bottom end plate from standard board.
- 39 Install direct connection kit as per DBXD1.
- 40 Remove appropriate loadswitch housing front cover to access terminals.
- 41 Replace appropriate Loadswitch housing end plate with special end plate.
- 42 Attach Loadswitch housing to special end plate using appropriate bolt set.
- 43 Attach special end plate to standard board using two screws and two bolt set.
- 44 Install cables from Loadswitch to incoming neutral and phase terminals on standard board.
- 45 Install MCBs as described in General Installation leaflet.
- 46 Replace door/front plate assembly.



## 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 ? .....