



INSTALLATION INSTRUCTIONS

Installation Instructions NH250TPSWK Main Incomer. 250A switch disconnecter.

This unit should be installed by a qualified competent person, in accordance with all relevant legislation and regulations including building regulations and wiring regulations BS7671. If in doubt contact a qualified competent person.

After installation, tests must be carried out in accordance with the requirements of the current edition of the IET Wiring Regulations.

- 1) Remove shrouds. Connect the M8 side of the 3 terminal links provided to the outgoing side of the incomer and loosen the slotted terminal cage screws at the other end of the links. Offer assembly to busbar end connections. Please note connections from incoming device are designed to fit under busbar end connection.
- 2) Fix the main incomer assembly to the back plate with screws provided.
- 3) Fully tighten the slotted terminal cage screws (x3) and the M8 nuts (x3) to the required Torque (See table below for torque value).
- 4) Connect incoming cables to the large terminals at the lower end of device and tighten to the recommended torque as shown in the table below.
- 5) Replace lower terminal shroud, fix with screws provided. See Fig. 1.
- 6) Fit top terminal shroud – ensure that phase barriers are correctly located between the terminal cages at the main Busbar connection, and fix the shield with the screws supplied.
- 7) Remove left hand neutral terminal cover. Remove M5 screw from neutral moulding. Fit 'S' link shown in Fig. 2 with previously removed M5 screw. Raise the 2 screws adjacent to the movable neutral 'S' link. Slide 'S' link to engage with 2 terminal screws, tighten terminal screws and M5 screw, (See table below for torque value) & replace neutral bar shroud. See Figure 2.
- 8) Fit main incoming neutral cable to terminal and replace neutral terminal shroud. See Fig. 2
- 9) Affix de-rating label supplied to distribution board in a prominent position.

Note

- Before fitting all shields and the front cover, check the tightness of **all** connections, including factory made connections.
- **DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS**
- A diversity factor of 0.9 must be applied to the incomer.

TERMINAL	Max Cable Capacity - mm ²	TORQUE - Nm
Terminal cage screws – switch links to busbar.	N/A	6
Incoming switch terminals – M10.	120	27
Neutral bar screws.	25	2.3
'S' link fixing screw – M5.	N/A	2.3
Outgoing switch terminals – switch to switch links – M8.	N/A	14
Incoming neutral cage, grub screw.	120	12

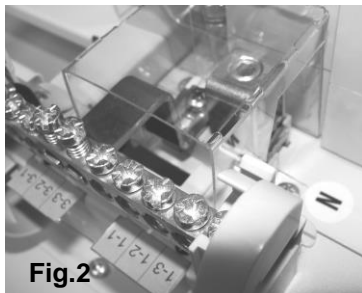


Fig.2

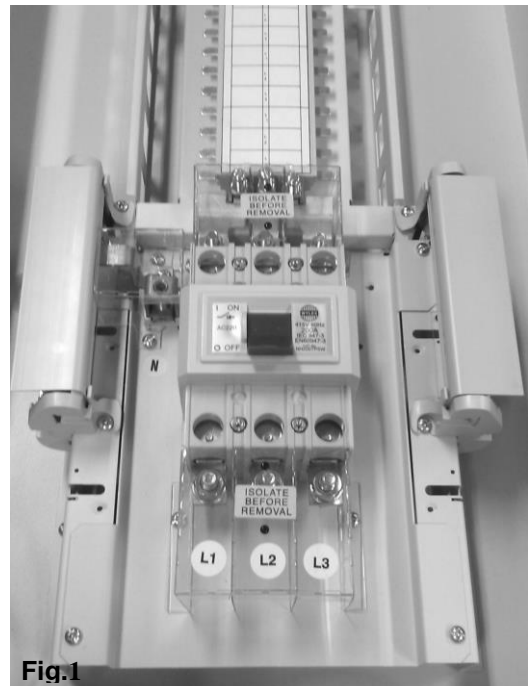


Fig.1

