



Installation Instructions

SP & N Distribution Board
230 V AC, 50 Hz, BSEN61439-3

Total load not to exceed incomer rating 100 A max
Suitable for indoor use. Degree of protection not less than IP2XC



IMPORTANT INFORMATION

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.

- Turn off all power supplying this equipment before working on or inside the equipment.
- Always use a properly rated volt-sensing device to confirm the power is off.
- Replace all devices, doors and covers before turning on the power to this equipment.
- To avoid ingress of swarf and similar material, always remove gland plates to allow cutting/slotting for cable entries.

Failure to follow these instructions could result in serious injury or death.

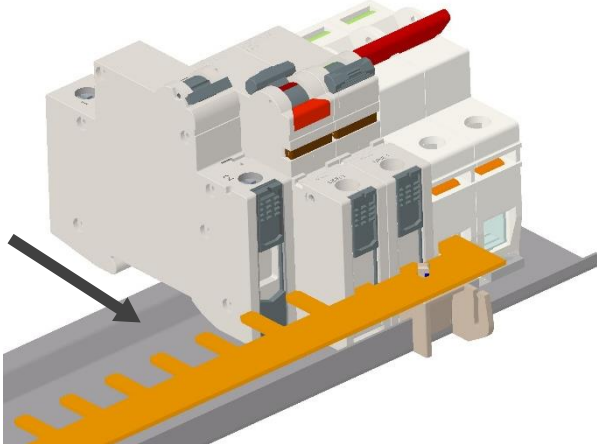
DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS



Only Wylex range NHXL / PSBL style MCBs, NHXS1 / PSBS style RCBOs and NXSB AFDDs must be used within the Wylex SP&N range of units (up to 63 A Rated Current)

INSTALLATION

- Remove the front cover complete with the hinged door.
- Secure the box to the wall using the holes provided.
- Raise terminal screws on the MCB's/RCBO's and connect to the backplate and busbar.
- Connect supply cables to the top incomer terminals and connect all outgoing wiring to the relevant MCB, neutral and earth bar terminals.



Locate device under edge of mounting plate and
Slide onto busbar

CABLE TERMINATION

Device	Max. Cable Capacity	Recommended tightening torque
Main Switch	50 mm ²	2.3 Nm
MCB	25 mm ²	2.3 Nm
RCBO	Line	25 mm ²
	Load	16 mm ²
AFDD	Line	25 mm ²
	Load	16 mm ²
Earth & Neutral Terminals	16 mm ²	1.7 Nm

NOTE: Cage type terminals are used in these devices. Ensure the terminals are opened fully before inserting cables (suitable for copper cables only).

EARTHING

The earth bar will accept 16 mm² cables and has openings for the maximum number of ways and 2 for bonding.

KNOCKOUTS

Knockouts are provided on all sides and in the base of the box. These can be removed by tapping out from the inside of the box.

NOTE

Before fitting the front cover, check the tightness of all connections, including factory made connections.

DOLLY LOCKING DEVICE

Cat. No. MCBLDX for MCB's to suit up to 4 mm hasp padlock is available.

DOOR HANDLE

The latch securing the door can readily be replaced with a key lock, Cat. No. PSDL (Key 92300), PSDLN (Random Key) or door lock with padlocking device Cat. No. PSDPL. Fitting instructions are supplied with each lock.

SPARE WAYS

Blanking pieces **MUST** be fitted in all unused outgoing ways. Busbar insulators are also available. Part numbers shown below:

- NHBL1 – 1 Module Blank
- B3780/SPARE – Busbar Insulators (pack of 5)



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Waste electrical products should not be disposed of with household waste. Please recycle where waste disposal facilities exist. Check with your retailer, wholesaler or local authority for recycling advice.

