



# THREE PHASE DISTRIBUTION BOARD INSTALLATION AND USAGE GUIDE



These instruction should be read full and retained after installation for future reference

## Installation instruction

1. This unit must be installed by a qualified electrician (skilled person) in compliance with current requirements for Electrical Installations (IET Wiring regulations BS7671).
2. Ensure that all power supplying this equipment is Isolated before working on or inside the unit.
3. Make sure all devices, covers and doors are replaced and secured before energizing the power supply to the unit.
4. Remove the gland plates prior to slotting or cutting for cable entries to avoid ingress of swarf & other debris.
5. The CPD protecting the board must not exceed the rating of the incoming main switch or RCCBs or any additional limitation.
6. This unit is only suitable for indoor use.
7. This unit and internal components have been tested to the following standards:  
Distribution Board: EN61439-3      MCBs: EN60898  
RCCBs: EN61008-1                  RCBO: EN61009-1  
Main Switch: EN60947-3
8. Before fitting the front cover ensure that all connections (including factory connections) are tight - DO NOT USE POWER TOOLS TO TIGHTEN CONNECTIONS!

## Testing the Installation:

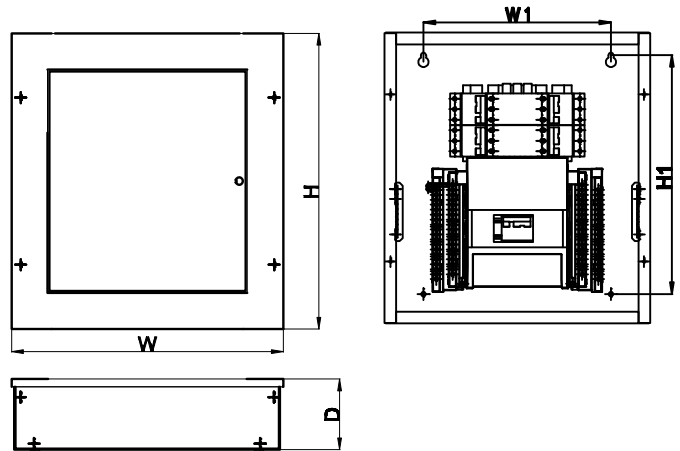
Once the installation has been completed it is essential to test the unit in accordance with the latest edition of the BS7671 IET 18th Edition Wiring regulations.

## Caution:

Before fitting the front cover, check the tightness of all connections, including factory made connections and ensure that blanks are fitted to all unused ways.

## MCB/RCBO connection

1. Ensure power supply is Isolated.
2. Ensure MCB / RCBO is switched off.
3. Fully loosen all MCB / RCBO terminal screws.
4. Push MCB onto appropriate busbar outgoing way with busbar connection going into top cage as indicated on busbar way label, making sure the din clip is closed and faces towards the busbar assembly.
5. Push RCBO onto appropriate busbar outgoing way, as indicated on busbar way label, making sure the DIN clip is closed and faces towards the busbar assembly. Connect both live and neutral outgoing cable to RCBO outgoing terminals. Connect neutral lead to appropriate numbered terminal on the neutral terminal bar. Connect white functional earth lead to appropriate numbered terminal on earth terminal bar.
6. Please ensure all unused terminals are suitably insulated using the caps and blanks provided.
7. Recommended torque 2.0Nm.  
**DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS!**



125Amps TP&N Distribution Board					
Part No.	Dimensions				
	H	H1	W	W1	D
TPN04-125	506	409	465	321	105
TPN06-125	560	463	465	321	105
TPN08-125	614	517	465	321	105
TPN10-125	668	571	465	321	105
TPN12-125	722	625	465	321	105
TPN14-125	776	679	465	321	105
TPN16-125	830	733	465	321	105
TPN18-125	884	787	465	321	105
TPN24-125	1046	949	465	321	105

250Amps TP&N Distribution Board					
Part No.	Dimensions				
	H	H1	W	W1	D
TPN08-250	614	517	456	321	120
TPN12-250	722	625	456	321	120
TPN16-250	830	733	456	321	120
TPN18-250	884	787	456	321	120
TPN24-250	1046	949	456	321	120