

© Product installation and operation guide



## TP&N DISTRIBUTION BOARD



**LIVE ELECTRICAL DISTRIBUTION UK LTD**

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*Ensure that these instructions are made available to the end user for future reference.*

TP&N DISTRIBUTION BOARD

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 or other debris.
- 5.The SPD 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  
MCB: EN60898  
RCCB: 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!

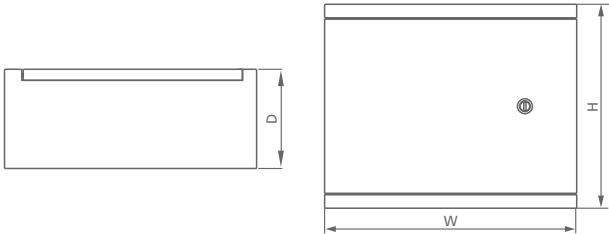
Features

- Modern style finished in epoxy powder paint to RAL7035.
- Complete shrouding for main incomer and link.
- Rated voltage AC380V/415V 50/60Hz.
- Removable gland plate for ease of cable entry.
- Main switch Double Wiring Terminal.
- Keyhole fixing for ease of wall mounting.
- Complies with BSEN 61439-1&3
- Quicker installation with earth & neutral terminals adjacent to the MCBs/ RCBOs.

SURGE ARRESTOR

Inspect the Surge Arrestor at regular intervals and especially after severe Thunderstorms, if the Indicator Window is GREEN the unit is still functional If window has changed to RED it requires replacement and you should consult a qualified Electrician.

Wiring



Part No	Description	W (mm)	H (mm)	D (mm)	Box Qty
TPNH02-100	2 way TP horizontal distribution board c/w 100A 4P switch disconnector incomer	325	265	103	1
TPNH03-100	3 way TP horizontal distribution board c/w 100A 4P switch disconnector incomer	395	265	103	1
TPNH03-100S	3 way TP horizontal distribution board c/w 100A 4P switch +4P 20kA/40kA T2 SurgeProtective Device	395	265	103	1

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.