

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.  
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



## TPN 3 Phase Extension Boxes

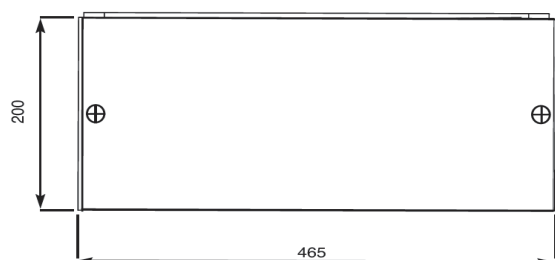
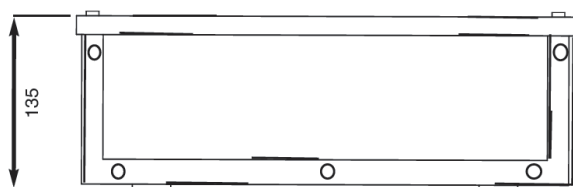


### Models Available:

TPNEB Empty Expansion Box  
TPNA16W 16 Way Type A Modular Service Box  
TPNMM Multi-Function Meter Box

All models can be mounted to the top or the bottom of a TPN distribution board although as standard the TPNMM and the TPNEB come ready to mount to the underside and the TPNA16W to the top of the TPN distribution board

### Dimensions



## Fitting Instructions:

- First mount and screw the TPN distribution board to the wall, leaving enough room below or above to site the enclosure, as per the instructions that come with the TPN three phase board.
- Remove the inner mounting plate of the extension box and leave to one side.
- Remove the gland plate, top or bottom depending where the extension box is to be sited, and screw the box to the main board using the 5 Pozidrive screws supplied. The wall holes can now be marked up ready for drilling.
- When the extension box is securely fixed to the wall the gland plate that was removed from the TPN main board can now be fit to the bottom of the extension box using the existing Pozidrive screws.

**TPNEB**



**TPN16WAY**



**TPNMM**



## Additional Instructions For The Meter Panel TPNMM:

- When removing the lid take care to remove the cable plugs from the rear of the meter ensuring that a note is made of which way they are needed to be when re-assembling. Safely store the front panel in a safe place taking care not damage the front of the meter. Remove the earth strap from the case and remove the assembled back plate so that the TPNMM can be secured to the distribution board and wall as per the instructions above.
- The main phase cables have to pass through each current transformer (one phase per transformer) before being terminated into the TPN distribution panel, the neutral is wired directly to the neutral connection in the TPN board.
- A three phase and neutral control voltage is required, which must be wired to the 10 x 38 fuse holder fitted with 1 amp fuses. Carefully fit the plugs on to the meter checking that all connections are tight and screw the lid on.
- The meter will already have been set up to function with the TPN three phase board. Further meter instructions can be found separately.