

SE-P2000 Meter and Enclosure (120 Amp)

Introduction

The new SE-P2000 is the latest design in our metal enclosures and comes complete with the P2000-D meter (10-120 amps) the new enclosure has been designed with the electrical contractors in mind making it aesthetically pleasing and easy to install. The metal box has been manufactured so that the top and bottom plates can be removed to make it easier to line up with trunking and to make it easier for drilling.

All the New SE boxes have an optional locking assemble as standard. see picture below.

The new slimmer and more versatile enclosure is manufactured in 1.2mm steel and is powder-coated in cream semi gloss (Ral 9001) to give strong, robust and aesthetically pleasing appearance.

The SE-P2000 enclosure has been designed for clarity of reading the register and ease of use in operating the scroll button on the front of the meter. All connections are enclosed in the metal box.

Installing the Enclosure

Examine the area where you intend to fit the enclosure and check that you have all the necessary parts and that the cable is long enough to install and reach the meter terminals.

The metal enclosure has been designed to make installation as simple and as easy as possible with alternative ways to drill the meter box.

1. By removing the four screws at the top and the bottom you can disassemble the enclosure into its parts allowing you to drill the top and bottom plates separately.

OR

2. By removing the meter from the enclosure and drill the cable entry holes as a complete unit.

Earthing the Enclosure

The enclosure must be earthed in accordance to the latest regulations concerning steel enclosures. The enclosure comes with two earth positions with green earth labels attached you can use either of these positions to earth the enclosure, which ever you prefer.

When connecting the earth wire, form the cable and leave a generous length so the cable is not pulling on the terminal.

When you have finished the installation do the required electrical tests to comply with the latest electricity regulations concerning installation of meters in metal enclosures.

It is essential that the steel enclosure is correctly Earthed in accordance to the Electricity Regulations.

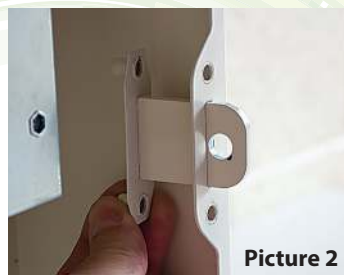
DO NOT MEGGA TEST THE VOLTAGE OR CURRENT CIRCUITS WITH THE METER CONNECTED



Depth 140mm. All dimensions in mm



Picture 1



Picture 2



Picture 3



Picture 4

Fixing the Lock Bracket

When the enclosure has been installed it will be necessary to remove the lock hasp and reposition it so the hasp protrudes through the front cover. Remove the two screws so the hasp drops down (see picture 1), turn the lock hasp so it protrudes through the slit in the case (picture 2). Secure using the original screws (picture 3). The final lock should look like picture 4.