



- A. The Vermason Slim EBP Bar has been designed to be installed underneath bench tops where it will be accessible to all connecting ground cords and where it is unlikely to be knocked and damaged or hinder the operator.
- B. With a width of only 15mm it is especially suitable for benches with narrow edges. The product is supplied with reverse-mounted screws held in position by self-retaining washers, thereby making the installation process simple. The distance between screw centres is 89mm. The design of the ABS plastic moulding provides strength to the assembly and the rounded corners ensure comfort during use for the operator.
- C. Connect earthing cord to a suitable earth. A spare ring terminal is supplied if the cord needs to be shortened.
- D. Resistors are usually built-in to each connector. The normal earth contact is linked via individual 1M $\Omega$  resistor rated at 1/2W. In the event of a workstation element becoming live the resistor will limit the fault current to less than 0.3mA at 240V. The resistor is capable of withstanding 500VDC for 6 minutes.
- E. Per EN 61340-5-2 paragraph 5.1.1 "A nominal 1 megohm resistor is commonly used in wrist straps and to ground work surfaces. In the event of an operator touching an energized conductor, for the normal mains electricity supplies this resistor will limit the current flowing through the person to less than 0.5mA. Current limiting or cut-off devices should also be considered and in some areas may be demanded by legislation."
- F. The operator connects the wriststrap to the stud via a coiled cord. A second stud can be used to connect a working surface. The third connection is available for guest use or to ground another item such as a trolley. Periodic verification of the ground path should be part of the ESD control program.

"All EBP shall be marked or labelled." (EN 61340-5-1 paragraph 4.4 Marking of EPA bonding points [EBP])

"An easily accessible dedicated EBP [EPA ground bonding point] for the wrist strap shall be established adjacent to each working area, or working surface. A sufficient number of EBP shall be provided for operators and visitors." (EN 61340-5-1 section 5.3.3)

Item	Description
231345	Slim EBP Box with 3 x 10mm Studs
231350	Slim EBP Box with 3 x 10mm Studs, No Resistor
231360	Slim EBP Box with 3 x 4mm Plug Studs



Made in Britain

# Vermason

## Slim EBP Boxes

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Drawing Number  
**231345**

DATE:  
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