



Description

EN 61340-5 distinguishes between earth facility and earth bonding point - An earth facility (EF) usually distributes the electrical mains earth or a dedicated ESD earth, (protective earth) within an EPA.

An earth bonding point (EBP or common ground point) ties together several elements of an EPA such as bench surface, floor mat or wrist strap. In this manner, all are kept at the same electrical potential.

In an EPA there may be several EBP but there must be only one EF.



Properties:

- Designed to be fixed to wall or bench
- Black cord 3m long, can exit top or bottom
- Size: 40 x 45 x 12mm
- Supplied with wood screws easy to mount
- Clearly labeled as per EN 61340-5 with ESD identification
- Manufactured from yellow ABS
- Supplied with two wood screws and one M5 ring terminal



ITEM	DESCRIPTION
231405	EBP Bracket with 10mm Stud, 1 Megohm Resistor
231410	EBP Bracket with 10mm Stud, 2 Megohm Resistor
231415	EBP Bracket with 10mm Stud, No Resistor

In certain circumstances it may be necessary to daisy chain several EBP.

In this situation it is important that the total resistance in the series does not exceed the recommended level - a typical UK voltage supply (240V) would require one 1 megohm.

The Vermason part [231415](#) is therefore ideal for daisy chaining EBP as it contains a zero ohm resistor.

“EPA ground cords shall be used to make electrical connections between groundable points and the EPA ground facility.” (EN 61340-5-1 section 5.3.4)

“The EPA ground facility shall be connected to EPA ground and provide a low resistance path to EPA ground (<2 ohms). When available, the mains protective earth shall be used. (EN 61340-5-1 section 5.3.2)



Made in Britain

Specifications and procedures subject to change without notice

Vermason

EBP Brackets

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