



**Description**

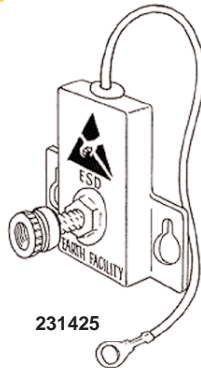
EN 61340-5 distinguishes between earth facility and earth bonding point -

An earth facility (EF) usually distributes the electrical mains earth or a dedicated ESD earth, within an EPA.

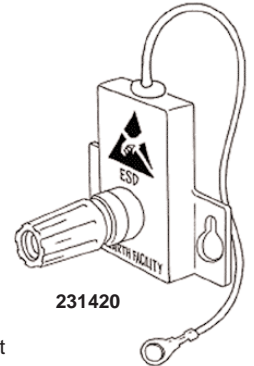
An earth bonding point (EBP) ties together several elements of an EPA such as bench surface, floor mat or wrist strap. In this manner, all are kept at the same electrical potential.

In an EPA there may be several EBP but there must be only one EF, there must be no built in resistance between the earth facility and ground.

The ESD connecting system used within the EPA should be incompatible with other connecting systems used in or near the EPA.



231425



231420

**Properties:**

- A grounding hub for earth bonding points, can receive several wires
- Clearly labeled as per EN 61340-5 with ESD identification
- Supplied with mounting screws - easy to mount
- Strain relief built in
- Size: 40 x 45 x 12mm
- Manufactured from yellow ABS
- 231425 receives ring terminals
- 231420 receives only wire or spades
- Spare M5 ring terminal to allow for shortening cable

ITEM	DESCRIPTION
231425	Earth Facility Bracket with M5 Binding Post
231420	Earth Facility Bracket with Insulated Binding Post

"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

**Vermason**

**Earth Facility Brackets**

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Drawing Number  
231420

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