



231405

Description

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: 40mm x 45mm 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



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.

"In the event that a ground facility is not available, ESD protection can be achieved by connecting all of the ESD control items together at a common connection point (see Figure 2). The maximum resistance between any protective item and the common connection point shall comply with the limits established for the protective items as per Tables 2 and 3." [EN 61340-5-1 clause 5.3.2 Grounding/equipotential bonding systems]



Made in the United Kingdom

Unless otherwise noted, tolerance $\pm 10\%$
Specifications and procedures subject to change without notice.

EBP Bracket with 10mm Stud, 1 Megohm Resistor



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