STARKSTROM
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Equipotential Bonding Busbar (EBB) Type 7

Product Description

As part of a safe medical electrical installation, the Starkstrom Equipotential Bonding Busbar (EBB - Type 7) is fundamental in creating an equipotential earth bonded zone and helping to prevent significant touch voltages within the patient environment. It is suitable for most Group 2 medical locations, particularly ITU's, Operating Rooms, Recovery, and other high care areas.

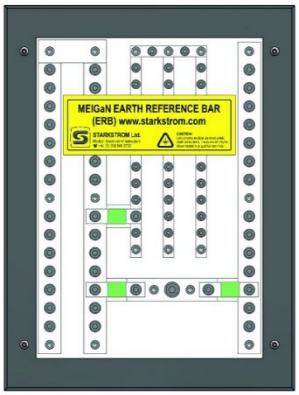
It is a requirement for Group 2 medical locations to have an Equipotential Bonding Busbar (EBB) provided, either in or near the location, mounted in an accessible position.

It is essential to keep earth cable runs as short as possible to meet any requirements of <0.1 Ohm, from any two extraneous conductive point to the EBB.

Any exposed conductive surface within the medical location should be connected to the EBB, e.g., metal sinks and work surfaces. This means a maximum cable run of approx. 30m using 6.0mm earth cable, and approx. 21m if using 4.0mm cable.

Products are also available which are more suited to installations in line with Group 1 (EBB - Type 0) and Group 2 (EBB - Type 8).

For new design installations please ensure your system design meets all the requirements of BS 7671 Amendment 2:2022.



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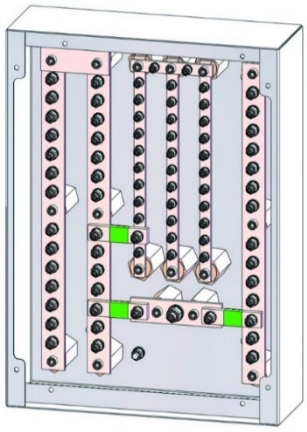
Internal view covers removed.

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Nominal Rating	350A	Surface Size (h x w x d)	400 x 300 x 100
Main Bar CSA	100mm2	Flush Size (h x w x d)	420 x 320 x 100
Main Incomer	1 x M8	Weight	7Kg
Perm. Installed Bar	13 x M6	Cover Options	Flush or Surface
Equipotential Bar	25 x M6	Orientation	Portrait or Landscape
Socket and Lighting Bar	34 x M5	Non-Ferrous Option	Yes

*Equipotential Bonding Busbars and Earth Reference Bars are outside the scope of all legislation:

LVD: The scope does not include equipment operating below 50-100VAC or 75-1500VDC.

EMC: excludes equipment that is incapable of generating or being affected by electromagnetic interference.

RoHS: only covers 'electrical and electronic equipment' (EEE) which means equipment which is dependent on electric currents or electromagnetic fields in order to work properly.