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Equipotential Bonding Busbar (EBB) Type 0

Product Description

As part of a safe medical electrical installation, the Starkstrom Equipotential Bonding Busbar (EBB - Type 0) 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 1 medical locations.

It is a requirement for Group 1 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. The maximum earth resistance value for Group 1 and Group 2 medical locations is now the same 0.2 Ohm from any two extraneous conductive points. Keeping individual cable runs to <0.1 Ohm will help to achieve this.

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.

The EBB Type 0 has removable test links, the test links should be permanently left in place when used in an IET installation.

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

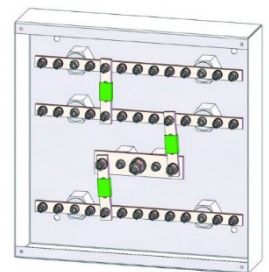
For new design installations please ensure your system design meets all the requirements of BS 7671 Amendment 2:2022.

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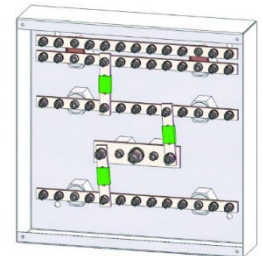
Nominal Rating	200A	Surface Size (h x w x d)	264 x 264 x 60
Main Bar CSA	48mm ²	Flush Size (h x w x d)	284 x 284 x 60
Main Incomer	1 x M8	Weight	2Kg
Earth Connections	28 x M5	Mounting Method	Flush or Surface
Optional Upgrade	Up to 11 x M5 earth connection points can be added to each of the sub bars		



Surface EBB fitted with front



Internal view covers removed.



With optional expansion bar

*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.

