

## Introducing the B8 series of Mains Distribution Assembly

Despite the great progress made in the use of energy efficient equipment on sites, the requirement for power keeps increasing. Air conditioned portacabins, improved on-site welfare facilities and the sheer scale of many projects has resulted in a steady increase in the size of Temporary Builders Supplies, to 2.5MVA and beyond.

Historically, Mains Distribution Assemblies (MDAs) rated above 2500A have been designed to meet the specific requirements of a project. However, due to the increased level of demand for very high current MDAs, we have extended our range of standard MDAs and introduced the B8 series, which can accommodate an incoming 4P Air Circuit Breaker (ACB) rated up to 4000A. Distribution is typically via 4P MCCBs up to 1600A with RCD protection, although outgoing ACBs can also be accommodated.

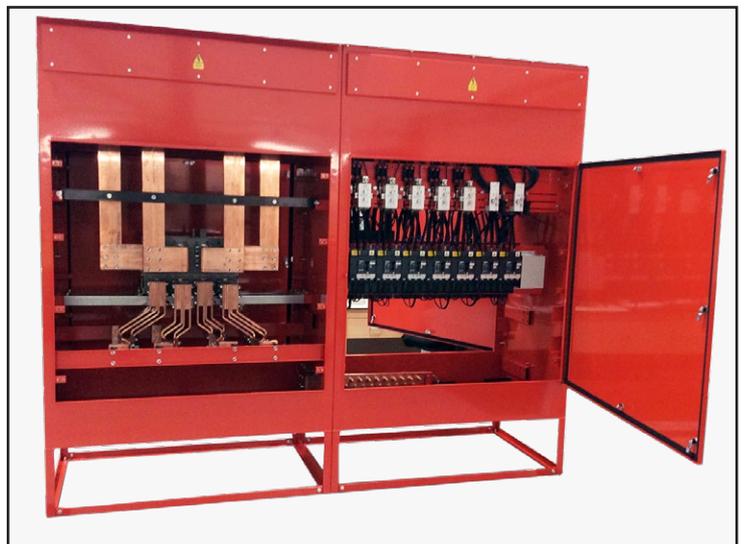
The design of the B8 enclosure system is modular and an assembly can incorporate multiple incoming and outgoing sections, enabling a wide range of facilities to be incorporated within the standard design. Options such as automatic changeover arrangements, power factor correction, smart metering, test sockets and multiple outgoing ways rated from 16A to 3200A can all be incorporated.

Although we do not offer a standard 3200A or 4000A MDA "off the shelf" (our highest rating standard MDA is 1600A), being able to cater for most customer requirements with standard enclosure modules significantly reduces lead time and cost.

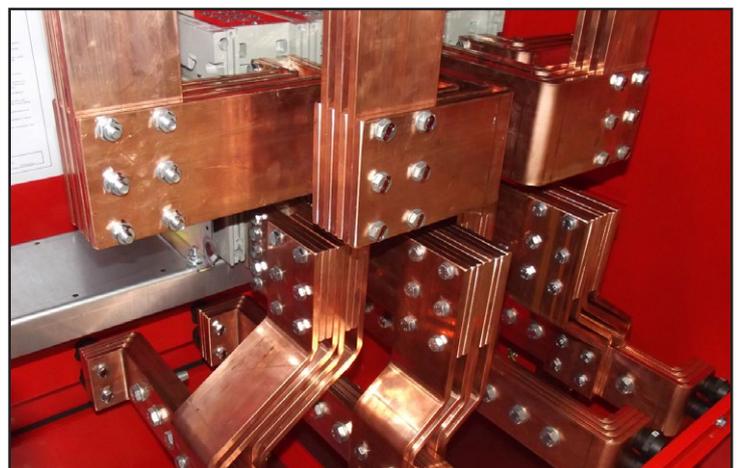
If you would like to discuss a requirement for a very high current MDA, please contact our Customer Services who will be pleased to assist.



B8 series MDA, doors open and inset panels in-situ. A stand extension is provided to increase ground clearance to 1m.



B8 series MDA, doors open and inset panels removed. A stand extension is provided to increase ground clearance.



Solid copper connections on to the incoming 4000A ACB.