

Multi-Section IP55 MCB Boards

Our standard range of IP55 and IP66 MCB distribution boards present specifiers and installers with a very wide range of choices. Incomers can be rated at 125A, 200A or 250A and pan assemblies range from 4 way to 24 way TP&N. In addition we offer optional extension boxes, kWhr meter kits and Isobar P pan assemblies. Single-phase boards and dedicated 110V RLV boards are also available.

Although our standard range is very wide, sometimes a standard product does not tick all the boxes and we are happy to design and build bespoke MCB boards to meet the specific requirements of a project or installation.

A recent Energy From Waste project had a requirement for our standard IP55 boards but a variety of special, multi-section MCB boards were also required. The multi section boards had to incorporate a single, incoming 4P switch rated at 250A, positioned at the base of the assembly. The incoming switch supplied 2 no. 16 way TP&N Isobar P Schneider MCB pan assemblies, housed in separate compartments, with individual metering. Fitted above the MCB compartments, extension chambers were incorporated to accommodate control devices and switchgear, which were to be fitted on site by the installer. Some boards also had to incorporate incoming Surge Protection Devices.

Although sections of the boards were based on standard enclosure dimensions, in order to achieve the high level of ingress protection and product finish, all metalwork was custom built for the project. The boards were supplied fully assembled and were physically quite large: the example shown alongside measured 1800mm high x 1200mm wide and weighed-in at 105kg.

As well as designing and fabricating special enclosures to meet specific customer requirements, we can also make standard enclosures from a variety of materials. Our standard IP55 and IP66 boards are made from mild steel with a durable painted finish but for particularly corrosive or wet environments, enclosures can be made from various grades of stainless steel, including 304 and 316L. For consistency in appearance, we generally recommend that stainless steel enclosures have a painted finish but brushed or electro polished finishes can also be provided.

If you have a requirement for standard or non-standard IP55 or IP66 MCB boards, please contact the Blakley team who will be pleased to be of assistance.



A7292704 - Multi-Section IP55 MCB Board, 250A incomer, 2 x 16 way, TP&N Type P pans



A7292704 - Multi-Section MCB Board with shield plates removed. Pans individually metered.