

Power Generation Industry Overview

Blakley Electrics designs and manufactures specialist industrial products for the Power Generation sector. The range includes heavy duty, high performance products for fixed installation within a power station, and rugged, temporary power and lighting products to be used in the construction of new stations or to supply large scale outage projects, such as boiler relining.

Fixed products include:

- Power Cluster Assemblies to provide supplies at 400V, 230V, 110V and 24V around the plant
- Heavy Duty IP55 and IP66 MCB boards up to 250A rating
- Transformers to provide LV, RLV and SELV supplies to socket outlets, instrumentation and specialist equipment
- Heavy duty fuse boards fitted with Red Spot BS88 fuse banks for locations with a very high prospective short circuit current
- · Protected sockets to feed portable mains voltage plant
- Automatic and Manual Changeover Switches to provide back-up power for critical plant and equipment

Alongside are images of various assemblies designed for operation within Power Generation plants. Detailed information on many of these products can be found on our website: www.blakley.co.uk

Over the page are details of products used in new power station construction and major outage projects.



Power Cluster c/w 400V, 230V & 110V Sockets



Heavy Duty Fuse Board c/w BS88 Red Spot



SELV, RLV and LV Isolation Transformers for Permanent Installation





Surface sockets 110V, 230V & 400V, with or without RCD protection, IP44 or IP66/7



Heavy Duty MCB Board up to 250A Rating, IP66

Experts in **high performance**power and lighting products
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Temporary Power and Lighting Equipment for New Power Station Construction and Major Outage Projects



Mains Distribution Assembly, 400A rated with 400V, 230V and 110V outlets (with integral 5 kVA transformer)



Auto Mains Failure Panel, 400A Rating



IDA series of All-Insulated, Plug-in Mains Voltage Assembly







Site Transformers and 110V Distribution Assemblies



Reflex series, Plug-in, 400V and 110V Assemblies with Controlled Access to Prevent Unauthorised Connection or Disconnection





Flori-67 Plug-in, LED, 110V Lighting System. Versions available with 3 pin and 4 pin connectors (the 4 pin version enabling emergency fittings to be switched off without the risk of discharging or damaging batteries).

