

MCB Distribution Boards, IP55, Section 12 Compliant

Blakley Electrics have developed a range of IP55 Distribution Boards to meet the Section 12 requirements of London Underground Limited (LUL).

The Distribution Boards comprise of a surface mounting steel enclosure with an IP55 rating (Third Party Type Approved). Enclosures are key lockable, have no external combustible materials and have a Light Admiralty Grey finish, which utilises low smoke polyester powder paint, electrostatically applied and oven dried. Cable entry and exit is via removable gland plates located in the top and bottom of the enclosure and wall fixing is via internal holes or external lugs. Doors and gland plates are gasketed using flame retardant, low smoke material. The Boards incorporate Crabtree Polestar Backplate assemblies, which can be supplied complete with Polestar MCBs or they can be blanked off for equipping on site. A choice 125A or 200A incoming isolators can be supplied or heavy duty incoming terminals.

Boards can be supplied in the standard dimensions detailed below or non-standard sizes can be supplied for specific applications, such as when required to replace Red Spot fuseboards in existing installations. Please advise special dimensional requirements at the time of inquiry.

Single-phase distribution boards can also be supplied and TP&N boards can be configured for 110V Reduced Low Voltage applications, when no incoming neutral terminal is provided and every third pole of the Backplate assembly is blanked off.



8W TP Board in Section 12 Installation

No. of Ways	Incoming Device	Dimensions, mm (plus fixing lugs)
4W & 6W TP	Terminals	753H x 413W x 150D
8W & 10W TP	Terminals	903H x 413W x 150D
12W TP	Terminals	1053H x 413W x 150D
16W TP	Terminals	1203H x 413W x 150D
4W & 6W TP	125A TP Isolator	753H x 413W x 150D
8W & 10W TP	125A TP Isolator	903H x 413W x 150D
12W TP	125A TP Isolator	1053H x 413W x 150D
16W TP	125A TP Isolator	1203H x 413W x 150D
4W & 6W TP	200A TP Isolator	753H x 413W x 150D
8W & 10W TP	200A TP Isolator	903H x 413W x 150D
12W TP	200A TP Isolator	1053H x 413W x 150D
16W TP	200A TP Isolator	1203H x 413W x 150D

Intertek ETL SEMKO

Certificate of Compliance

Issued to: Blakley Electronics Limited

Apparatus: LUL Switchboard

Model: 1 off A7290099

No. of Samples Tested: One

Relevant Specification used as Basis of Tests: BS EN 60529: 1992 Inc Amendments 1 and 2 to IP55 category 2

This is to certify that, on the basis of the tests undertaken, the above item was considered to comply with the severity of the above standard. For specific details of the tests and justification for Category 2 dust test see Intertek Report No 05017323 Issue 1 dated July 2005.

Signed: Signature *A Colgate*
A Colgate
Engineer

Signed: Signature *A T Austin*
A T Austin
Head Of Department

Date of issue: July 2005

Blakley Electronics Limited
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Reference No: 05017323B

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For Terms & Conditions please see reverse

IP55 Test Certificate

THE POWER PROFESSIONALS

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THE COMPANY RESERVES THE RIGHT TO CHANGE PRODUCTS WITHOUT PRIOR NOTICE.



Cert. No. 902091

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