



**INDUSTRIAL PRODUCTS
DEPARTMENT**

Test Report: **RESISTANCE TO DUST AND WATER INGRESS OF TYPE
A7190351 CABLE CHANGING CABINET**

Report Number: 01005760

Report Date: November 2001

Test Specification: BS EN 60529: 1992 inc AMDS 1 and 2

Tested on behalf of: Blakley Electrics Limited

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RESISTANCE TO DUST AND WATER INGRESS OF TYPE A7190351 CABLE CHANGING CABINET

1 TEST SAMPLE

The test sample was a Type A7190351 (Serial Number WO32236/01) cable changing cabinet rated at 450 V and 2000 A.

The sample was received 22 October 2001.

2 TESTS

Date of tests: 22 October 2001 to 16 November 2001.

The large outer metal enclosure protecting the buss bar/connector assembly together with the small auxiliary enclosure mounted on the side panel protecting the energising switches were tested for the ability to resist the ingress of dust and water in accordance with the requirements for a Degree of Protection IP55 Category 2, as specified in BS EN 60529: 1992 incorporating AMD1 and AMD2.

3 RESULTS

Following both the dust and water jet tests, an inspection showed that ingress of dust and water had been prevented.

4 CONCLUSIONS

The Type A7190351 cable changing cabinet and auxiliary switch enclosure were found to comply with the requirements of a IP55 classification for EN 60529: 1992 with AMDS 1 and 2.

The results and conclusions apply only to the particular sample tested.