

Test Report

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| Report No | 288/4571082 | This Report consists of 4 pages |
| Client | Power Logic S.A. (PTY) Limited 10 Cane Road PO Box 84 Otterly 7808 Cape Town South Africa | |
| Authority & date | Quotation acceptance dated 31 May 2004 Purchase Order number: 7223 | |
| Item tested | Power Dock (Domestic) | |
| Specification | BS EN 60529:1992 | |
| Results | See Summary of Results on page 2 | |
| Prepared by | B Pond | Engineer |
| Authorized by | D T Gall | Principal Engineer |
| Issue Date | 17 June 2004 | |
| Conditions of issue | <p>This Test Report is issued subject to the conditions stated in current issue of PS082 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the Divisional Director, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.</p> | |



0135

TESTING, EXAMINATION AND ASSESSMENT OF A POWER DOCK (DOMESTIC) SUBMITTED AS AN INDEPENDENT TEST SAMPLE

INTRODUCTION

At the request of Power Logic S.A. (PTY) Limited the Power dock (domestic) received on 09 June 2004 and detailed below, was tested and assessed against the requirements of BS EN 60529:1992 sub clauses 13.1, 13.2, 13.3, 13.4, 13.5, 14.1, 14.2, 14.2.4 and 14.3 from 11 June 2004 as indicated on the following pages of this Report. This request was made in the Quotation acceptance dated 31 May 2004. It is emphasized that assessments were not made against the other clauses of the specification.

This report only relates to the actual sample which has been tested and assessed. The results obtained do not necessarily relate to samples from the production line and in no way imply the performance or quality of the continuing production will be maintained.

The tests and assessments contained in this Report were undertaken by BSI Product Services Environmental Laboratory.

TEST ITEM

Power dock (domestic) fitted to test enclosure supplied by the client
Power dock model number: PDO 3010 S2

SUMMARY OF RESULTS

| | | |
|-----------------|---------------------|----------|
| IP5X Category 2 | no ingress of dust | Complied |
| IPX4 | no ingress of water | Complied |

1. GENERAL

Photographs



Power dock (domestic) fitted to the test enclosure supplied by the client



Power dock (domestic)

1. GENERAL (cont)

1.2 Test specification

BS EN 60529:1992 Degrees of protection provided by enclosures (IP code).

1.3 Tests requested

Protection against access to hazardous parts and against solid foreign objects (dust protected) IP5X Category 2

Protection against the ingress of water with harmful effects (splashing) IPX4

Note: the above tests were performed with the sample fully retracted. This was in accordance with the client's instructions.

1.4 Test conducted

As requested in 1.3 above

2. RESULTS

2.1 Protection against access to hazardous parts and against solid foreign objects

(dust protected) IP5X Category 2 Complied

2.2 Protection against the ingress of water with harmful effects (splashing)

IPX4 Complied

3. COMMENTS

3.1 Protection against access to hazardous parts and against solid foreign objects (dust protected) IP5X Category 2

The tests were performed to Category 2, i.e. enclosures where reductions in pressure below the surrounding atmospheric pressure are not present.
Upon completion of the test, inspection revealed no evidence of dust ingress within the sample and the test enclosure.

3.2 Protection against the ingress of water with harmful effects (splashing) IPX4

Upon completion of the IPX4 conditioning, inspection revealed no evidence of water ingress within the sample and the test enclosure.