

Test Report No. 7191051304-EEC13-01/YKF
dated 05 JUN 2014

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Subject

TYPE TESTING OF MULTIPLE SOCKET-OUTLETS

Client

Power Logic SA (PTY) Ltd
10 Cane Road, Ottery
7808 Cape Town,
South Africa

Attn: Mr. Mark Scott / Mr. Vincent Sim

Sample Submission Date

17 Dec 2012

Models

See page 5 to 9



Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

| | | | |
|---|---|--|--|
|  |  | LA-2007-0180-A LA-2007-0181-F LA-2007-0182-B LA-2007-0183-G LA-2007-0184-D LA-2007-0185-E LA-2007-0186-C LA-2010-0484-D | The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme. Tests/Calibrations marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our laboratory. |
|---|---|--|--|

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: testing@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223
TUV®



| TEST REPORT | |
|--|--|
| BS 5733 | |
| General requirements for electrical accessories | |
| Report Reference No..... | 7191051304-EEC13-01/YKF |
| Compiled by (+ signature)..... | Yap Kim Fatt  |
| Approved by (+ signature)..... | Phua Kim Suah  |
| Date of issue..... | 05 Jun 2014 |
| Testing Laboratory..... | TÜV SÜD PSB Pte Ltd |
| Address..... | No. 1 Science Park Drive, Singapore 118221 |
| Testing location..... | Same as above |
| Applicant's name..... | Powerlogic South Africa (PTY) Ltd |
| Address..... | 10 Crane Road, Ottery, Cape Town 7808, South Africa |
| Test specification | |
| Standard..... | BS 5733:2010 / SS 241:1996 / MS 1144:1998 |
| Test procedure..... | Same as above |
| Non-standard test method..... | N/A |
| Test item description..... | Multiple 13A Socket-Outlets |
| Trade Mark..... |  |
| Manufacturer..... | Powerlogic South Africa (PTY) Ltd |
| Model/Type reference..... | See product description from page 5 to 9 |
| Test item particulars | |
| Rating..... | 13A 250V~ |
| Method of application..... | Panel mount |
| Method of connecting the cable..... | Non-rewirable |
| Type of cable..... | H05VV-F 3G |
| Nominal cross sectional area..... | 1.5 mm ² |
| Type of terminals / termination..... | Soldered |
| Existence of fuse..... | Fused |
| Existence of switch..... | With and without switch |
| Provision for earthing..... | Earthed |
| Degree of protection..... | IP20 |
| For normal use or rough use..... | Normal use |



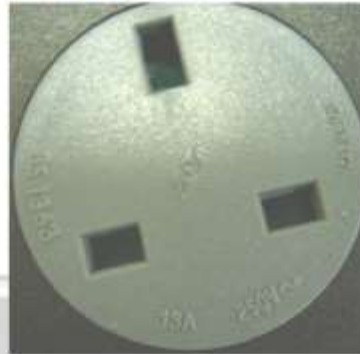
| | |
|---|---------------------------|
| Test case verdicts | |
| Test case does not apply to the test object | N/A |
| Test item does meet the requirement | P(ass) |
| Test item does not meet the requirement..... | F(ail) |
| Testing | |
| Date of receipt of test item | 17 Dec 2012 |
| Date(s) of performance of test | 15 Jan 2013 – 19 Sep 2013 |
| General remarks | |
| This report shall not be reproduced except in full without the written approval of the testing laboratory. The test results presented in this report relate only to the item(s) tested. "(see remark #)" refers to a remark appended to the report. "(see Annex #)" refers to an annex appended to the report. | |
| <ol style="list-style-type: none">1. The Omega Power System, Optima Power System, Alpha Power System, Vertical Power Dock and Horizontal Power Dock submitted were of 13A multiple power outlets of same construction and design using same type of components of BS 13A socket-outlets, illuminated 16A switch, 16A interconnectors, IEC fuse T3.15A and 1.5mm² flexible power cord. The technical specification of each system is detailed in Appendix II from page 48 to 57.2. All enclosures were of metal type and were fitted with earth connection made through input power lead which is internally bonded to aluminium casing and power socket.3. The internal wiring connection for multiple socket-outlets were by means of 1.5mm² flexible wire and terminated by solder. See picture on page 58 for detail.4. The 16A illuminated switch type C72 and the power cord HD5VV-F 3G1.5mm² used were VDE certified.5. The 16A interconnectors were tested to BS 5733 together with the multiple socket-outlets as complete units.6. The 13A module socket-outlets type Cat. No.1CU were tested and complied with BS 1363-2 / SS 145-2 / MS 589-2. For detail see pages 34 to 42.7. Test on clause 13.12 (normal operation of interconnector and socket-outlet) of BS 5733, were conducted after the test samples were subjected to resistance to ageing and resistance to humidity tests.8. The multiple socket-outlets are to be sold directly to furniture suppliers.9. The multiple socket-outlets are to be connected to main power socket via approved BS type 13A fused plug with earthing fitted with 1.5 mm² flexible power cord.10. The 13A multiple socket-outlets submitted are deemed to comply with BS 5733: 2010 / SS 241: 1996 / MS 1144: 1998. | |

Copy of marking plate

Switch



socket



Male connector

N; \perp ; L



1.5 mm \square 16A 250V~

BS 5733

M1

Female connector

L; \perp ; N

1.5 mm \square 16A 250V~



BS 5733

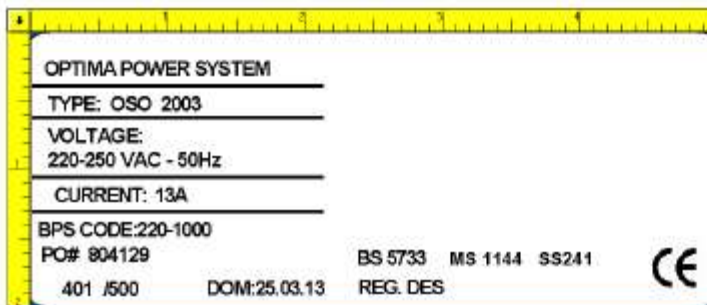
F1

Cable marking

<VDE> H05VV-F 3G1.5mm² NINGBO YUXIN APPLIANCE CO.,LTD

Fuse marking

S T3.15 H 250V



Example of product label