IEC REPORT

On Behalf of

SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)

Lighting & Dimming Controls


Prepared For: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
Tel: (86)769-83931277

Prepared By: Shenzhen Anbotek Compliance Laboratory Limited
1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China
Tel: (86)755-26066544
Fax: (86)755-26014772

Date of Test: Jan. 10, 2014 to Jan. 16, 2014
Date of Report: Jan. 16, 2014
Report Number: 201401730S
## TEST REPORT
AS/NZS 60950.1
Information technology equipment – Safety –
Part 1: General requirements

<table>
<thead>
<tr>
<th>Reference No.</th>
<th>201401730S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compiled by (+ signature)</td>
<td>Andrew Li / Project Engineer</td>
</tr>
<tr>
<td>Approved by (+ signature)</td>
<td>July Zhu / Project Manager</td>
</tr>
<tr>
<td>Date of issue</td>
<td>Jan. 16, 2014</td>
</tr>
<tr>
<td>Contents</td>
<td>42 pages (including 4 pages of photo)</td>
</tr>
</tbody>
</table>

**Testing laboratory**

- **Name**: Shenzhen Anbotek Compliance Laboratory Limited
- **Address**: 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China
- **Testing location**: Same as above

**Client**

- **Name**: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
- **Address**: No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China

**Test specification**

- **Standard**: AS/NZS 60950.1:2011 with amendments 1
- **Test procedure**: N.A.
- **Procedure deviation**: N.A.
- **Non-standard test method**: N.A.

**Test item**

- **Description**: Lighting&Dimming Controls
- **Trademark**: SMART-BUS / PREUSSEN / S-MESH
- **Manufacturer**: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
- **Address**: No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
- **Factory**: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
<table>
<thead>
<tr>
<th>Address ..............................................</th>
<th>No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating(s) .............................................</td>
<td>DC 24V</td>
</tr>
<tr>
<td><strong>Test item particulars</strong></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td><strong>Equipment mobility</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>Connection to the mains</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>Operating condition</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>Over voltage category (OVC)</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>Mains supply tolerance (%) or absolute mains supply values</strong></td>
<td>according to client’s requirement</td>
</tr>
<tr>
<td><strong>Tested for IT power systems</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>IT testing, phase-phase voltage (V)</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Class of equipment</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>Considered current rating of protective device as part of the building installation (A)</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Pollution degree (PD)</strong></td>
<td>☑</td>
</tr>
<tr>
<td><strong>IP protection class</strong></td>
<td>IPX0</td>
</tr>
<tr>
<td><strong>Altitude during operation (m)</strong></td>
<td>2000</td>
</tr>
<tr>
<td><strong>Altitude of test laboratory (m)</strong></td>
<td>&lt;500</td>
</tr>
</tbody>
</table>

**Possible test case verdicts:**
- test case does not apply to the test object: N
- test object does meet the requirement: P (Pass)
- test object does not meet the requirement: F (Fail)

**Testing**
- Date of receipt of test item: Jan. 10, 2014
- Date(s) of performance of tests: Jan. 10, 2014 to Jan. 16, 2014

**General remarks**

This test 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 tested.

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.
**Remark:**

1. Class III equipment used for information technology equipment.
2. The EUT can operate with full load at ambient temperature up to 40°C.
3. Clearance was evaluated for altitude up to 2000m above sea level.
4. All samples are the same except the model number. If no otherwise specified, all tests performed at the model: SB-DIM8c1A-DN

**Copy of marking plate (s):**

```plaintext
Lighting & Dimming Controls  
Model: SB-DIM8c1A-DN  
Input: DC 24V

SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
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Shenzhen Anbotek Compliance Laboratory Limited  
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