

IEC REPORT

On Behalf of

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



Integration and Control Systems

Model: SB-RSIP-DN, SB-SEC250-DN, SB-Logic2-DN, SB-Zaudio2-DN, SB-ZA/EPS-FL, RS-CS65K-CL, RS-SS65K-CL, RS-OWS-WL, SB-4Z-UN, SB-RS232-DN, SB-DMX512-DN, SB-WEB-DN, SB-KNX-DN, SB-BAC-DN, SB-HAI-DN, SB-NUVO-DN, SB-Upgrade-Kit, SB-IRL-Kit

Prepared For : SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
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Date of Test: Jan. 10, 2014 to Jan. 16, 2014
Date of Report: Jan. 16, 2014
Report Number: 201401732S

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| <p>TEST REPORT AS/NZS 60950.1 Information technology equipment – Safety – Part 1: General requirements</p> | |
| Reference No. | : 201401732S |
| Compiled by (+ signature) | : Andrew Li / Project Engineer |
| Approved by (+ signature) | : July Zhu / Project Manager |
| Date of issue | : Jan. 16, 2014 |
| Contents | : 42 pages (including 5 pages of photo) |
| 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 | : Integration and Control Systems |
| Trademark | :   |
| Model and/or type reference | : SMART-BUS/ PREUSSEN/ S-MESH SB-RSIP-DN, SB-SEC250-DN, SB-Logic2-DN, SB-Zaudio2-DN, SB-ZA/EPS-FL, RS-CS65K-CL, RS-SS65K-CL, RS-OWS-WL, SB-4Z-UN, SB-RS232-DN, SB-DMX512-DN, SB-WEB-DN, SB-KNX-DN, SB-BAC-DN, SB-HAI-DN, SB-NUVO-DN, SB-Upgrade-Kit, SB-IRL-Kit |
| 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.) |

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|-----------------|--|
| Address | : No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China |
| Rating(s) | : DC 24V |

Anbotek

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|---|---|
| Test item particulars | Integration and Control Systems |
| Equipment mobility | <input checked="" type="checkbox"/> Movable <input type="checkbox"/> Hand-held <input type="checkbox"/> Transportable <input type="checkbox"/> Stationary <input type="checkbox"/> For building-in <input type="checkbox"/> Direct plug-in |
| Connection to the mains | <input type="checkbox"/> Pluggable equipment <input type="checkbox"/> Type A <input type="checkbox"/> Type B <input type="checkbox"/> Permanent connection <input type="checkbox"/> Detachable power supply cord <input type="checkbox"/> Non-detachable power supply cord <input checked="" type="checkbox"/> Not directly connected to the mains <input type="checkbox"/> built-in component, consider in end system |
| Operating condition | <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Rated operating / resting time: |
| Over voltage category (OVC) | <input type="checkbox"/> OVC I <input type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input checked="" type="checkbox"/> Other: |
| Mains supply tolerance (%) or absolute mains supply values | according to client's requirement |
| Tested for IT power systems | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| IT testing, phase-phase voltage (V) | N.A. |
| Class of equipment | <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input checked="" type="checkbox"/> Class III <input type="checkbox"/> Not classified |
| Considered current rating of protective device as part of the building installation (A) | N.A. |
| Pollution degree (PD) | <input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3 |
| IP protection class | IPX0 |
| Altitude during operation (m) | 2000 |
| Altitude of test laboratory (m) | <500 |

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-RSIP-DN

Copy of marking plate (s):

Integration and Control Systems

Model: SB-RSIP-DN

Input: DC 24V



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