

**IEC REPORT**

**On Behalf of**

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

**Climate Control**

**Model: B-9in1-CL, SB-HVAC2-DN, SB-IR-UN, SB-IRM-UN, SB-6FAN5S-DN,  
SB-Temp1-UN, SB-Temp2-UN, SB-8in1T-CL, SB-PIR-CL, SB-4T-UN, SB-  
Pump-DN, CSS-C3-WL, CSS-D2-WL, CSS-V2-WL, CSS-H1-WL, SB-  
GENSet-UN, SB-IPIR-SL, SB-5IPIR-SL, SB-6in1-CL, SB-5in1-CL,  
SB-MW2in1-WL**


**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: 201401729S**

<b>TEST REPORT</b> <b>AS/NZS 60950.1</b> <b>Information technology equipment – Safety –</b> <b>Part 1: General requirements</b>	
Reference No. ....	: 201401729S
Compiled by (+ signature) .....	: Andrew Li / Project Engineer .....
Approved by (+ signature) .....	: July Zhu / Project Manager .....
Date of issue .....	: Jan. 16, 2014
Contents .....	: 39 pages (including 2 pages of photo)
<b>Testing laboratory</b>	
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
<b>Client</b>	
Name .....	: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
Address .....	: No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
<b>Test specification</b>	
Standard .....	: AS/NZS 60950.1:2011 with amendments 1
Test procedure .....	: N.A.
Procedure deviation .....	: N.A.
Non-standard test method .....	: N.A.
<b>Test item</b>	
Description .....	: Climate Control
Trademark .....	:  
Model and/or type reference.....	: SMART-BUS/ PREUSSEN/ S-MESH SB-9in1-CL, SB-HVAC2-DN, SB-IR-UN, SB-IRM-UN, SB-6FAN5S-DN, SB-Temp1-UN, SB-Temp2-UN, SB-8in1T-CL, SB-PIR-CL, SB-4T-UN, SB-Pump-DN, CSS-C3-WL, CSS-D2-WL, CSS-V2-WL, CSS-H1-WL, SB-GENSet-UN, SB-IPIR-SL, SB-5IPIR-SL, SB-6in1-CL, SB-5in1-CL, SB-MW2in1-WL
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.)

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

Anbotek

<b>Test item particulars</b> .....	: Climate Control
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
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....	
Date of receipt of test item .....	: Jan. 10, 2014
Date(s) of performance of tests .....	: Jan. 10, 2014 to Jan. 16, 2014
<b>General remarks</b>	
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-9in1-CL

Copy of marking plate (s):

**Climate Control**

**Model: SB-9in1-CL**

**Input: DC 24V**



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