



TEST REPORT

Rep. No. : 12-05-VAA-094
 Applicant : Gainta Industries Ltd.
 Address : 1f., No. 28 , Lane 54 , Chung Cheng Road , Hsin Tien City , New Taipei City , Taiwan
 Commodity : Sealed Dual –Compartment Enclosure
 Model : DC009CBU , DC009CBUNO
 Series Model : Consult Page 3
 Quantity : 2 sets
 Date of Receipt : May. 17, 2012
 Date of Testing : May. 20, 2012
 Test specification : IEC60529 Edition 2:1989 + Amendment 1:1999
 Ambient Environment : Temp. 20 °C, R.H. 68 %, A.P. 930 mbar
 Test Item : IP65
 Test condition & result : See the following sheets

General remarks :

The test results presented in this report relate only to the object tested.
 This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Approved by :


 Vincent Lin





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1. Test Item : IP65 (Test Model : DC009CBU , DC009CBUNO)

2. Test Conditions :

2.1 Ambient Condition

- Temperature range:15 °C to 35 °C.
- Relative humidity:25 % to 75 %.
- Air pressure:860 mbar to 1060 mbar.

2.2 IP6X (In accordance with IEC60529 13.4 test)

- Dust:Talcum powder.
- The amount of dust:2 kg/m³.
- Maximum depression of 2kPa.(20mbar).
- The duration of the test is 2 hr.
- (Extraction rate of 40 to 60 volumes per hour)

2.3 IPX5 (In accordance with IEC60529 14.1/14.2.5 test)

- Internal diameter of the nozzle: 6.3 mm.
- Delivery rate: 12.5 l/min ±5 %.
- Distance from nozzle to enclosure surface:
between 2.5 m and 3 m.
- Test-period: 1 min/m², at least 3 min.

3. Test Result :

IP Code	Results	Acceptance Criteria
IP6X	There is no trace of dust inside.	IEC60529 13.6
IPX5	There is no trace of water inside.	IEC60529 14.3

Tested by : Mark Chen

Mark Chen



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Definition of Variable :

Model	Dimension (W*H*D) mm.	Top cover style	Construction
DC009CBU	296 x281 x 158	Blue turn cover	Same construction
DC009CBUNO	296 x281 x 158	Blue cover	Same construction
DC009CUL	296 x281 x 158	Transparent turn cover	Same construction
DC009LGNO	296 x281 x 158	Gray cover	Same construction
DC007CBU	256 x217 x 132.5	Blue turn cover	Same construction
DC007CBUNO	256 x217 x 132.5	Blue cover	Same construction
DC007CUL	256 x217 x 132.5	Transparent turn cover	Same construction
DC007LGNO	256 x217 x 132.5	Gray cover	Same construction
DC005CBU	213 x185 x 104.5	Blue turn cover	Same construction
DC005CBUNO	213 x185 x 104.5	Blue cover	Same construction
DC005CUL	213 x185 x 104.5	Transparent turn cover	Same construction
DC005LGNO	213 x185 x 104.5	Gray cover	Same construction
DC003CBU	166 x161 x 121	Blue turn cover	Same construction
DC003CBUNO	166 x161 x 121	Blue cover	Same construction
DC003CUL	166 x161 x 121	Transparent turn cover	Same construction
DC003LGNO	166 x161 x 121	Gray cover	Same construction
DC001CBU	166 x161 x 93	Blue turn cover	Same construction
DC001CBUNO	166 x161 x 93	Blue cover	Same construction
DC001CUL	166 x161 x 93	Transparent turn cover	Same construction
DC001LGNO	166 x161 x 93	Gray cover	Same construction

DC009CBU



DC009CBU



IPX5 TEST .



There is no trace of water inside.





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There is no traces of water inside.



IP6X TEST .



There is no trace of dust inside



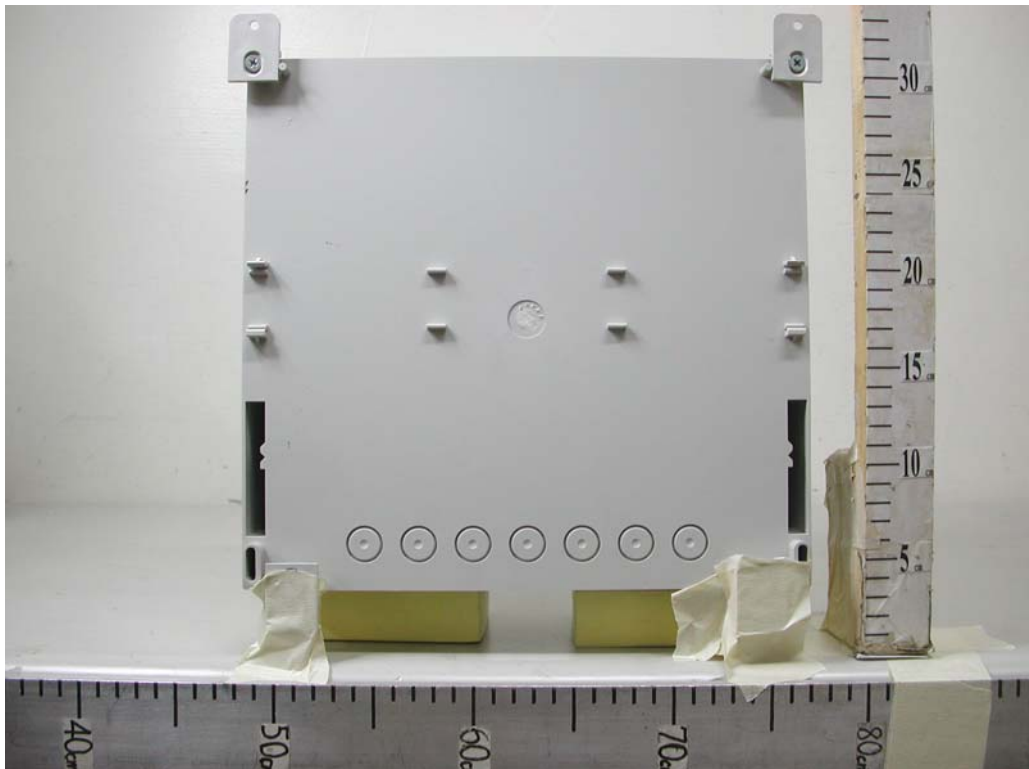
There is no trace of dust inside



DC009CBUNO



DC009CBUNO.



IPX5 TEST.



There is no traces of water inside .



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There is no traces of water inside .



IP6X TEST



There is no trace of dust inside



There is no trace of dust inside





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Utilized testing equipments 試驗設備列表

Test Mode 測試項目	Kind of Instrument 設備名稱	Manufacturer 製造商	Model Serial No. 型號,序號或其它資訊	Due Date 下次校驗日期
IP1X	Test sphere(50mm)試驗球	Fimko Lab.	IEC60529/Tab.6 A	2012/11/03
IP2X	Test sphere(12.5mm)試驗球	Fimko Lab.	IEC60529/Tab.6 B	2012/11/03
IP3X	Test rod,2.5mm(D)x100mm(L)試驗棒	Fimko Lab.	IEC60529/Tab.6 C	2012/11/03
IP4X	Test rod,1mm(D)x100mm(L) 試驗棒	Fimko Lab.	IEC60529/Tab.6 D	2012/11/03
✓	IP5~6X TESTING T1-16 DUST TEST CHAMBER	TESTING	IEC60529/Figure.2	2013/05/03
	IPX1~2 Drip Box 滴水試驗裝置	PTL	IEC60529/Figure.3	2012/10/23
	IPX3~4 Oscillating Tube 灑水及濺水試驗裝置	ALAB	IEC60529/Figure.4	2012/08/14
✓	IPX5~6 Hose Nozzle 對噴流保護檢測用試驗裝置	PTL	IEC60529/Figure.6	2012/10/23
	IPX7~8 Water Butt 水桶	達峯塑膠	N/A	N/A
	High-pot tester 耐壓機 (HP1)	Good will	GPT-515AD	2012/10/23
	Digital Insulation Tester 絕緣電阻計	Hioki	3119-11	2012/10/20
✓	Stop watch 馬錶	Casio	HS-3	2012/08/30
	Leakage Current Tester 洩漏電流表	Simpson	228	2012/10/18
	High-pot tester 耐壓機 (HP2)	EXTECH	7410	2012/10/30