



TEST REPORT

Rep. No. : 12-05-VAA-094

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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



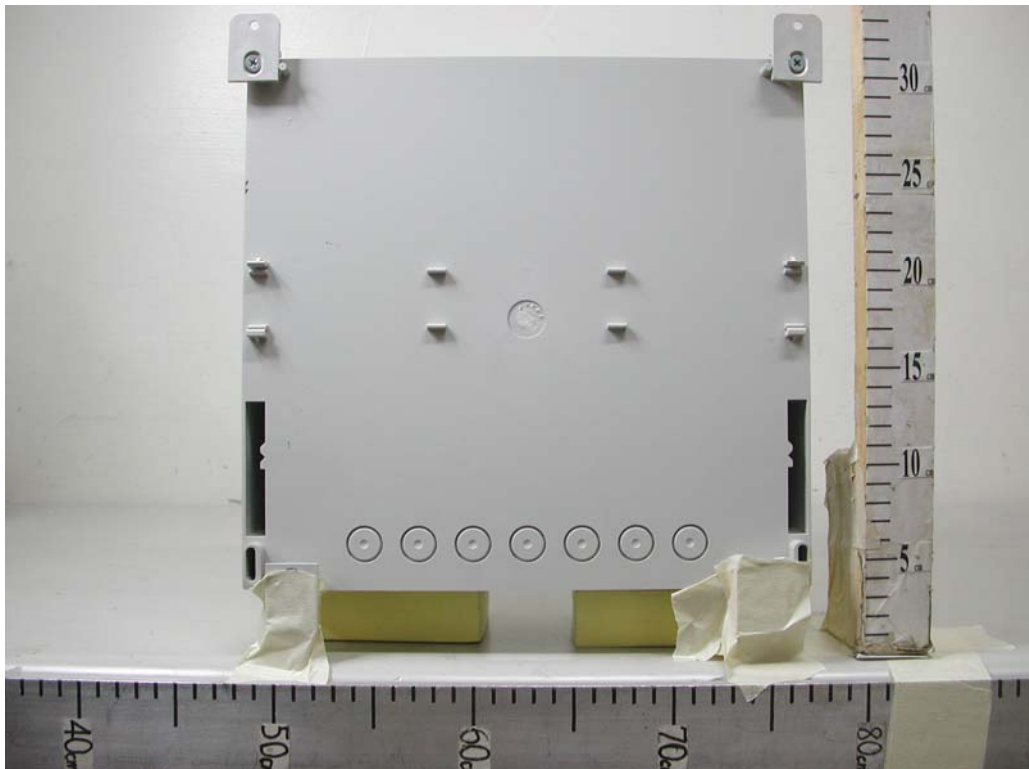
There is no trace of dust inside



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