

성적서 번호
Report Ref. No.

2006-1454-388

시험 성적서

TEST REPORT

신청인 : 최 영 재
Applicant

회사명 : (주)신우테크
Name

주소 : 인천광역시 부평구 일신동 90-43
Address

시험 규격/방법: KS C IEC 60529 (2002)
Test Standard/Procedure IEC 60529 (2001)

시험 결과 : IP54 (뒷면 참조)
Test Result

성적서 용도 : 품질관리용.
Purpose of Report

접수 일자 : 2006. 09. 08
Date of Application

시험 기간 : 2006. 09. 18~2006. 09. 20
Test Period

발급 일자 : 2006. 09. 21
Date of Issue

시험품
Test Item

시험품명 :
Name of Product

PAN/TILT DRIVER

모델 / 형식 :
Model/ Ref. No

SPT-15



L230mm×H240mm×W213mm

제조사명 및 주소 :
Name and Address of Manufacturer

(주)신우테크
인천광역시 남동구 남촌동 613-9

기타 시험품 정보 :
Remarks

AC 110/220V, PAN: 22W TILT: 22W

확 인 Confirmation	시험자(Tested by)	승인자(Approved by)
	성명(Name) : 김 창 	직위(Title) : 팀장 성명(Name) : 이 우 섭 

본 성적서의 시험결과는 상기 신청인으로부터 제공된 시험품에만 적용되며, 본원의 사전 서면승인 없이는 본 성적서의 전부 혹은 일부를 복사하여 사용할 수 없음.

The test results contained apply only to the test sample(s) supplied by the named applicant, and this test report shall not be reproduced in full or in part without the written approval of the KTL in advance.

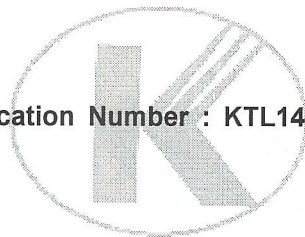
산업기술시험원장
KOREA TESTING LABORATORY

TEST REPORT

for Degree of protection provided by enclosures (IP Code)

[No. R1454-388/20-SEP-2006]

Application Number : KTL1454-388/2006



KOREA TESTING LABORATORY

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TEST REPORT

for Degree of protection provided by enclosures(IP Code)

★ REPORT NUMBER : R1454-388/20-SEP-2006

☆ STANDARD :

1. KSC IEC 60529 (2002)

2. IEC 60529 (2001)

☆ PRODUCT NAME : PAN/TILT DRIVER

☆ MODEL/TYPE DESIGNATION : SPT 15 (L230mm×H240mm×W213mm)

☆ IDENTICAL(EXTENSION) MODEL : N/A

☆ APPLICANT : SHIN WOO TECH CO., LTD.

☆ MANUFACTURED by : SHIN WOO TECH CO., LTD.

1. General requirements for tests

1, ATMOSPHERIC CONDITIONS FOR WATER OR DUST TESTS

1.1 Temperature range : 15 °C to 35 °C → 22.5 °C

1.2 Relative humidity : 25 % to 75 % → 57 %

1.3 Air pressure : 86 kPa to 106 kPa → Good

2. TEST SAMPLE

2.1 The number of samples : 1 EA

2.2 Conditions for mounting, assembling and positioning of the samples : N/A

2.3 The pre-conditioning : N/A

2.4 Whether to be tested energized or not : NOT

2.5 Whether to be tested with its parts in motion or not : NOT


Characteristic numerals	Test Method & Record	Results
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2. Tests for protection against solid foreign objects indicated by the first characteristic numeral

★ First Characteristic numerals : 5	1. CONDITIONS 1.1 Talcum powder(mesh) : <u>Wire diameter=50µm, width between wires=75µm</u> 1.2 Amount of talcum powder of the test chamber : <u>2kg per cubic meter</u> 2. TEST 2.1 Volume of the enclosures : <u>about 2,600 cm³</u> 2.2 Reduction air pressure : <u>-3.9 mbar (-39mmH₂O)</u> 2.3 Flow rate : <u>2.6 LPM</u> 2.4 Extraction rate per hour : <u>60 volumes/h</u> 2.5 Test duration : <u>2 hours</u>	PASS
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3. Tests for protection against water indicated by the second characteristic numeral

★ Second Characteristic numerals : 4	1. CONDITIONS 1.1 Spray nozzle : <u>∅0.5mm, 121 holes (Ref. IEC 529 Fig.5)</u> 1.2 Delivery rate(Pressure) : <u>50 kPa to 150 kPa</u> 1.3 Distance from nozzle to enclosure surface : <u>between 300mm to 500mm</u> 2. TEST 2.1 The duration of the test is : <u>5 min</u>	PASS
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☆ Checked by Chang-Ho, Kim : Signature 

☆ Date (DD-MM-YY) : 20-SEP-2006