

TEST REPORT

1. Applicant

Name : SeoJin Instech Co., Ltd.
Address : 12, Sagimagol-ro 148beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, Korea

2. Products

Name : XPS Series Junction Box
Model/Type : XPS-JB
Manufacturer : SeoJin Instech Co., Ltd.

3. Test Standard/Method : IEC 60529: 2001 (KS C IEC 60529:2006)

4. Test Results : IP65 (Refer to document)

5. Use of Report : For Quality Control

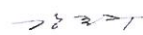
6. Date of Application : 2014. 09. 29.

7. Date of Issue : 2014. 10. 13.

Tested by



Approved by



KIM CHANG HO

Kang Jun Gu

Base Technology Center

Base Technology Center

The above test report is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

2014. 10. 13.

Korea Testing Laboratory

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FP202-03-02



TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
1st Characteristic numerals Against ingress of solid foreign objects	6	1. CONDITIONS 1.1 Talcum powder(mesh) : Wire diameter=50 μ m, width between wires=75 μ m 1.2 Amount of talcum powder of the test chamber : 2kg/m ³ 2. TEST 2.1 Volume of the enclosures: about 320 cm ³ 2.2 Reduction air pressure : -0.7 kPa (-70 mmH ₂ O) 2.3 Flow rate : 0.32 LPM 2.4 Extraction rate per hour : 60 volumes/h 2.5 Test duration : 2 hours	Pass
2nd Characteristic numerals Against ingress of water with harmful effects	5	1. CONDITIONS 1.1 Internal diameter of the nozzle : 6.3 mm 1.2 Delivery rate : 12.5 LPM \pm 5% 1.3 Core of the substantial stream : Circle of 40 mm diameter at 2.5 m distance from the nozzle 1.4 Distance from nozzle to enclosure surface : Between 2.8 m 2. TEST 2.1 The duration of the test is : 3 minutes	Pass

2. Reference Data

- (1) Test conditions : 24.5 $^{\circ}$ C, 64 %R.H, 86~106 kPa
- (2) Size : \varnothing 95 mm \times H101 mm
- (3) Test is only junction box

FP202-04-01



※ 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 20코드입니다.