

TEST REPORT

1. Applicant

Name : YOUNG TECH CO., LTD.
Address : 662-8, Pungmu-Dong, Gimpo-City, Kyunggi-Do,
Korea

2. Products

Name : Limit Switch Box
Model/Type : YT-850 / 120.5 mm×120.7 mm×97.5 mm
Manufacturer : YOUNG TECH CO., LTD.

3. Test Standard/Method : IEC 60529:2001, KS C IEC 60529:2002

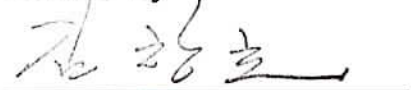
4. Test Results : IP67 (Refer to document)

5. Use of Report : For Quality Control.

6. Date of Application : 2007. 11. 05

7. Date of Issue : 2007. 11. 09

Tested by



Equipment Safety Team

Chang-ho Kim

Approved by



Equipment Safety Team

Leader Jun-gu Kang

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

Korea Testing Laboratory

TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
<p>1st Characteristic numerals</p> <p>Against ingress of solid foreign objects</p>	6	<p>1. CONDITIONS</p> <p>1.1 Talcum powder(mesh) : Wire diameter=50 μm, width between wires=75 μm</p> <p>1.2 Amount of talcum powder of the test chamber : 2kg/m³</p> <p>2. TEST</p> <p>2.1 Volume of the enclosures : about 270 cm³</p> <p>2.2 Reduction air pressure : -2 kPa (-200 mmH₂O)</p> <p>2.3 Flow rate : 0.0 LPM</p> <p>2.4 Extraction rate per hour : 0 volumes/h</p> <p>2.5 Test duration : 8 hours</p>	Pass
<p>2nd Characteristic numerals</p> <p>Against ingress of water with harmful effects</p>	7	<p>1. CONDITIONS</p> <p>1.1 The lowest point of enclosure : 1,000 mm</p> <p>1.2 The highest point of enclosure : 880 mm</p> <p>1.3 Differential temperature of water and enclosure (less than 5K) : about 1.0 K</p> <p>2. TEST</p> <p>2.1 The duration of the test is : 30 min</p>	Pass

2. Reference Data

(1) Test conditions : 15~35 °C, 25~75 %RH, 86~106 kPa