

ACTI CORPORATION

7F., No.1, Alley 20, Lane 407, Sec. 2, Tiding Blvd., Neihu District, Taipei 114, Taiwan, R.O.C.

TEST REPORT

SCOPE OF WORKs

Continuous Immersion Test - IPX8

Dust Test - IP6X

REPORT NUMBER

241200052TPE-001

ISSUE DATE

13-December-2024

SAMPLE RECEIVED DATE

8-December-2024

TEST DATE

9-December-2024 to 10-December-2024

PAGES

7

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Intertek Testing Services Taiwan
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Taiwan

TEST REPORT FOR ACTI CORPORATION

Report No.: 241200052TPE-001

Date: December, 13, 2024

Telephone: +886 2 66022888
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PRODUCT / MODEL

Outdoor Turret with D/N / Z53

SERIES NO.

Z78, Z79

OBJECTIVE

Observe the sample and record for any different during and after the test.

Reviewed by:

Ben Wu

Tested by:

Jerry Lan

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SECTION 2

OBJECTIVE

Continuous Immersion Test - IPX8 – With reference to IEC/EN 60529 IPX8

Dust Test-IP6X – With reference to IEC/EN 60529 IP6X

SECTION 3

PARAMETERS

Please note that the test results with statement of conformity, the decision rules which are based on:

Safety Testing: the specification, standard or IEC Guide 115.

Other Testing: the specification, standard and not taking into account the measurement uncertainty.

The following parameters are controlled

SECTION 4

SAMPLE ACQUISITION

Provided by the applicant.

Date: December, 13, 2024

SECTION 5

EQUIPMENT LIST

#	EQUIPMENT DESCRIPTION	MANUFACTURER'S NAME / MODEL #	INTERTEK ASSET #	CALIBRATION DATE	CALIBRATION DUE
1	Dust Degree Test System	PTL / P14.41	EC0109	Jul. 1, 2024	Jun. 30, 2025

Testing was conducted at:

Intertek Testing Services Taiwan Ltd., 5F, No. 423 Ruiguang Rd., Neihu Dist., Taipei 11492, Taiwan

SECTION 6

Continuous Immersion Test - IPX8 – DATA SHEET

Laboratory Ambiance Condition:

Temperature : 15 ~ 35 °C

Humidity : 25 ~ 75 %RH

Peripheral Setup Diagram:

-Sample size: 1 unit

-Sample photo before the test:



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-Setup photo:



Test Condition:

Immersion depth : 1100 mm (between the surface of the water and sample's bottom)

The duration of the test : 30 minutes

Test Procedure:

- Check the sample's appearance before test.
- Immerse the sample into water per test condition.
- After the immersion, take out sample from water.
- Observe the sample and record for any visible change after testing.

Summary:

- No visible damage was found.
- Checking of sample appearance and inside after the test was conducted by the applicant per applicant's request.

No water penetrated into the tested sample.

-Sample photo after the test:



Date: December, 13, 2024

Dust Test - IP6X – DATA SHEET

Laboratory Ambiance Condition:

Temperature : 15 ~ 35 °C

Humidity : 25 ~ 75 %RH

Peripheral Setup Diagram:

-Sample size: 1 unit

-Sample photo before the test:



-Setup photo:



Test Condition:

-Talcum powder size: < 0.075 mm

-The amount of talcum powder: 2 kg per cubic meter

-Under pressure: 20 mbar

-Test duration: 8 hours

Test Procedure:

-Check the sample's appearance before the test.

-Install the sample to the chamber and setup testing condition.

-After testing, take out sample from the chamber.

-Observe the sample and record for any visible change after testing.

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Summary:

- No visible damage was found on sample appearance after the test.
- Checking for the inside of tested sample after testing is conducted by the applicant per applicant's request.
- No dust penetrated into tested sample.
- Sample photo after the test:



Benchmark and Non-standard Test Report: Report must be reproduced in its entirety