



Reliability Laboratory

TEST REPORT

Report No.: HCD0192A/2017

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Date: January 16, 2018

OPTIMUS TECHNOLOGY CO., LTD.
6TH FLOOR, NO 805, ZHENG DE RD.,
ZUOYING DISTRICT, KAOHSUING CITY, TAIWAN

The following merchandise was submitted and identified by the vendor as:

Product Description: OPTIMUS BUSWAY EPOXY INSULATION
Style / Item No.: CU/AL 400A-6300A / No.1, No.2
Manufacturer/ Vendor: MEGA TECHNOLOGY(ZHENJIANG) CO., LTD.
Country of Origin: China
Quantity: Total 2 pieces
Testing Period: Jan. 8, 2017 to Jan. 9, 2017

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1.High Temperature Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

Signed for and on behalf of
SGS TAIWAN Ltd.

Winson Tseng
Asst. Manager

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1. High Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Anaerobic Oven	KSON	NHC-200	3967
AC/DC Withstand Voltage/ Insulation Tester	Extech	7142	1340019

Lab Environmental Conditions:Ambient temperature: $(25 \pm 3) ^\circ\text{C}$ Ambient humidity: $(55 \pm 20) \% \text{ RH}$ Test Method/ Specification:

Test method: Refer to CNS 14957: 2005, H Class

Sample condition: Non-operating

Test Temperature: $180 ^\circ\text{C}$

Duration: 24 hours

- Examine the appearance of specimen(s) by visual check and perform withstand voltage test (500Vdc, 1 minute and 3000Vac, 1 minute) before and after this test.

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Specimen:

Style / Item No.: CU/AL 400A-6300A / No.1, No.2

Quantity: Total 2 pieces

Test Result:

<div> <div>Check Item</div> <div>Style / Item No.</div> </div>		Withstand Voltage Test (500Vdc, 1 minute)	
		Before test	After test
CU/AL 400A-6300A / No.1	Case to phase A	OK	OK
	Case to phase B	OK	OK
	Case to phase C	OK	OK
	Case to phase N	OK	OK
CU/AL 400A-6300A / No.2	Case to phase A	OK	OK
	Case to phase B	OK	OK
	Case to phase C	OK	OK
	Case to phase N	OK	OK

Note: "OK" means no breakdown (leakage current < 1 mA).

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Test Result--Continued:

<div> <div>Check Item</div> <div>Style / Item No.</div> </div>		Withstand Voltage Test (3000Vac, 1 minute)	
		Before test	After test
CU/AL 400A-6300A / No.1	Case to phase A	OK	OK
	Case to phase B	OK	OK
	Case to phase C	OK	OK
	Case to phase N	OK	OK
CU/AL 400A-6300A / No.2	Case to phase A	OK	OK
	Case to phase B	OK	OK
	Case to phase C	OK	OK
	Case to phase N	OK	OK

Note: "OK" means no breakdown (leakage current < 1 mA).

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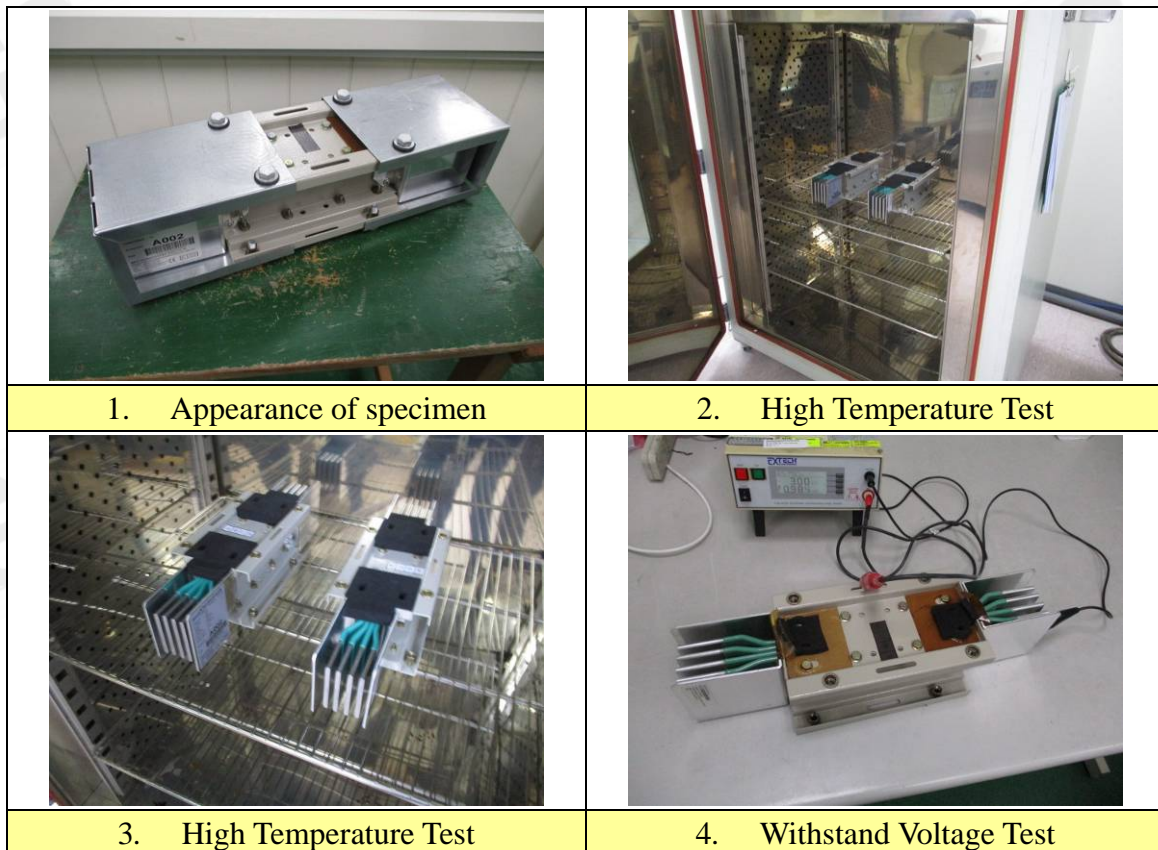
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Test Photos:



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