

TEST REPORT

Reference No. : WTN23N03046900L
Applicant : NINGBO FENGTAI PLASTIC ELECTRIC CO.,LTD.
Address : NO.568, DANHE ROAD, XIANGSHAN INDUSTRY AREA, NINGBO, CHINA
Manufacturer : Same as applicant
Address : Same as applicant
Product Name : POWER DISTRIBUTION BOX
Model No. : UKK-80A, UKK-125A, UKK-160A, UKK-250A, UKK-400A, UKK-500A
Test specification : CI.13.4 of IEC 60998-1:2002
Connecting devices for low-voltage circuits for household and similar purposes –
Part 1: General requirements
Date of Receipt sample..... : 2023-03-09
Date of Test..... : 2023-03-10 to 2023-03-30
Date of Issue..... : 2023-03-31
Test Report Form No. : WST-605981A-04A
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Tested by:

Approved by:

Leon Wu / Project Engineer

Flora Hu / Technical expert

List of test items:

No.	Test Items	Requirement + Test	Result
1	Electric strength test	Cl.13.4 of IEC 60998-1:2002	P

Subcontract

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test items: --

Lab information: --

Test case verdicts

Test case does not apply to the test object ... N

Test item does meet the requirement P(ass)

Test item does not meet the requirement F(ail)

General product information and other remarks:

The products are screw terminal block. All clamping units are electrically connected.

All models have the same construction and electrical principle, except the size, number of terminals and ratings. Details see model list and photo documentation.

The test was performed on UKK-500A, UKK-160A, UKK-125A for 1890V test voltage according to the applicant requirements.

Model list:

Model name	Rated voltage (V)	Rated currents (A)
UKK-80A	660	80
UKK-125A	660	125
UKK-160A	660	160
UKK-250A	1000	250
UKK-400A	1000	400
UKK-500A	1000	500

IEC 60998-1			
Clause	Requirement + Test	Result - Remark	Verdict

13	INSULATION RESISTANCE AND ELECTRIC STRENGTH		P
13.4	Electric strength test	See appended table 13.4	P

13.4	TABLE: Electric strength test		P
	Model/type reference.....:	UKK-500A, UKK-160A, UKK-125A	P
	Rated insulation voltage (V).....:	--	P
Test voltage applied between		Test voltage (V)	Flashover / breakdown (Yes/No)
All clamping units together and the body		1890	No
Supplementary information: --			

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Photo Documentation

Model: UKK-500A

Photo 1

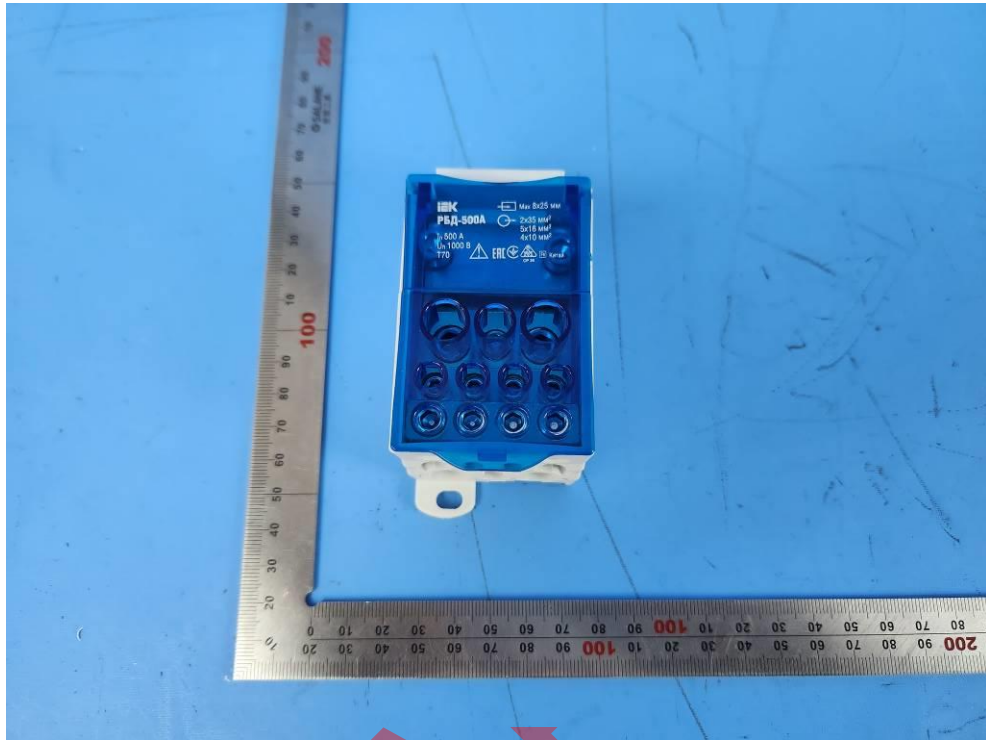


Photo 2

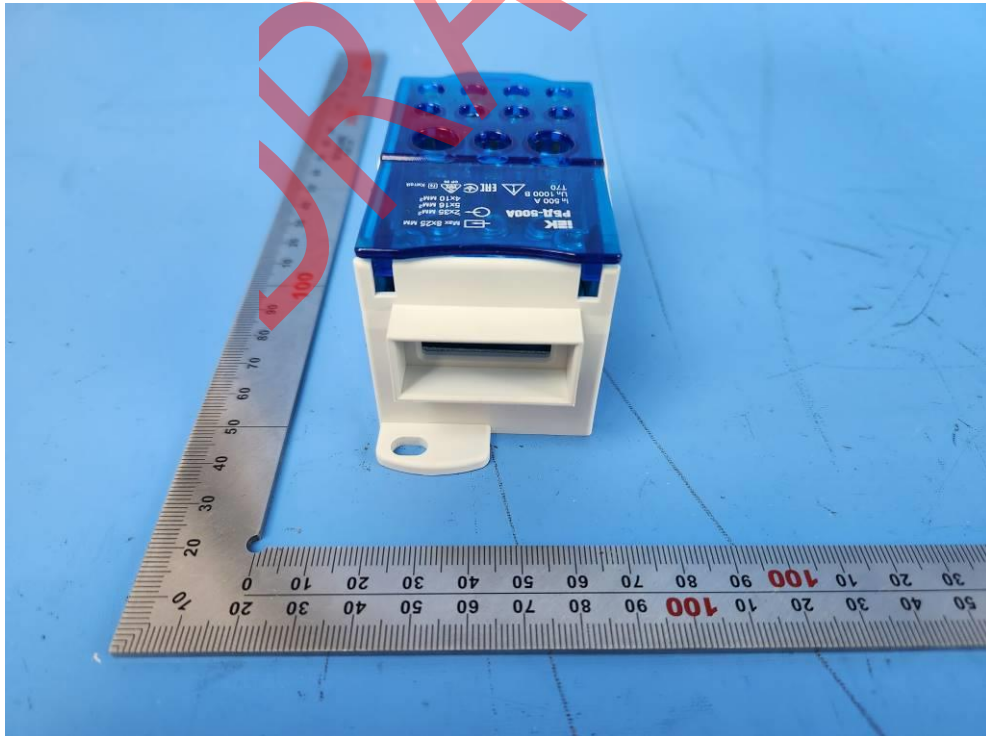
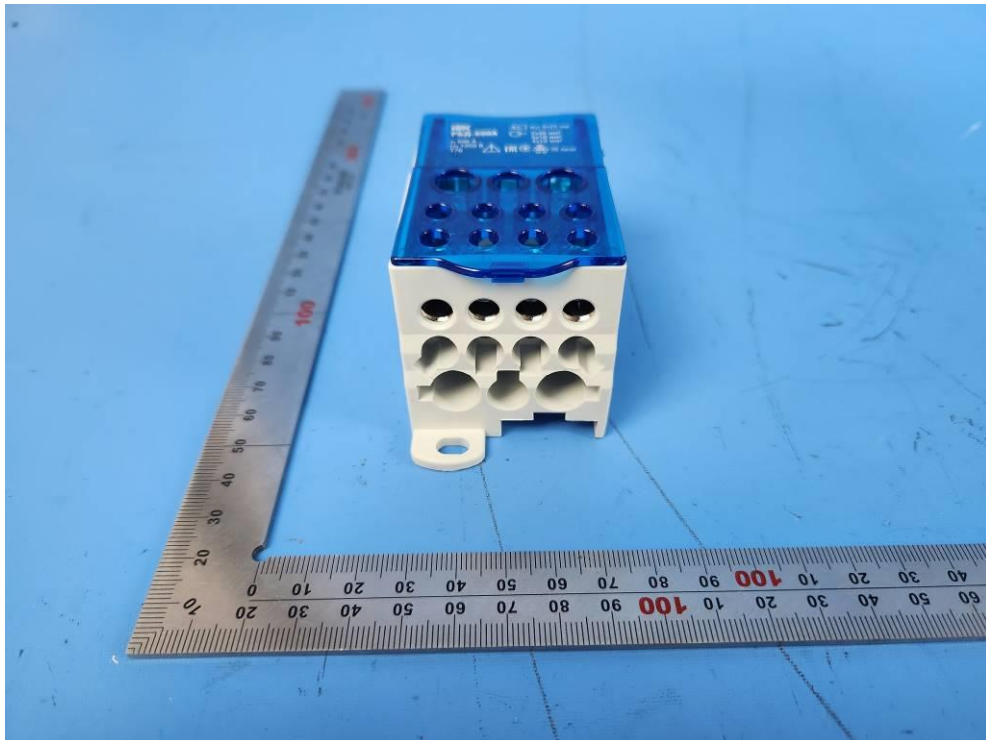


Photo 3



Model: UKK-160A

Photo 4



Photo 5

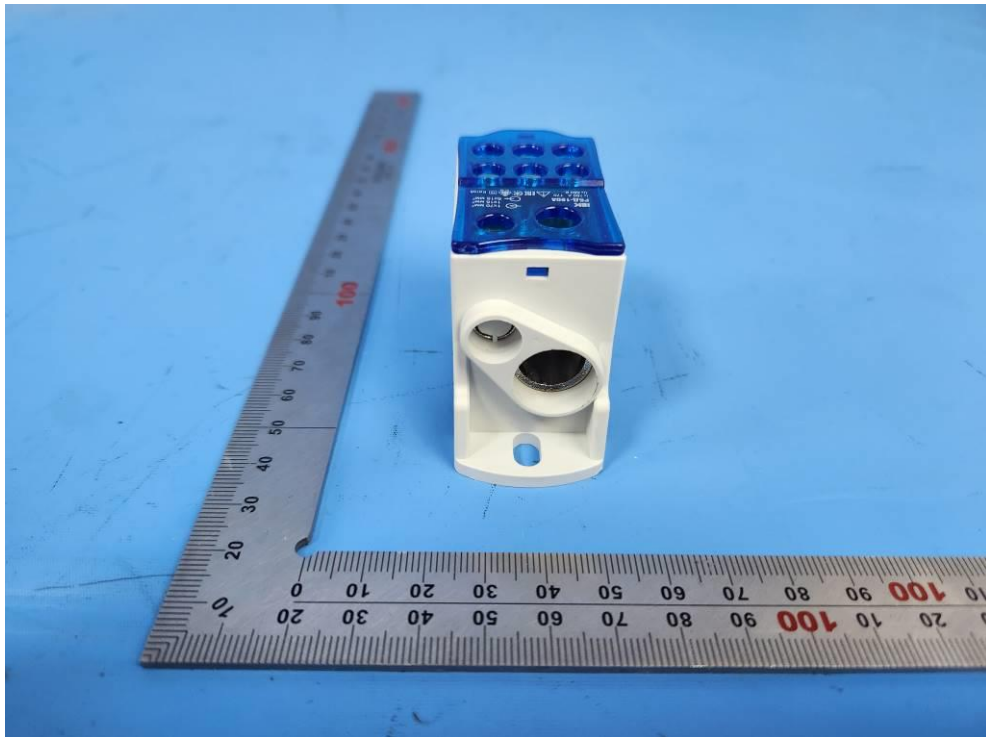
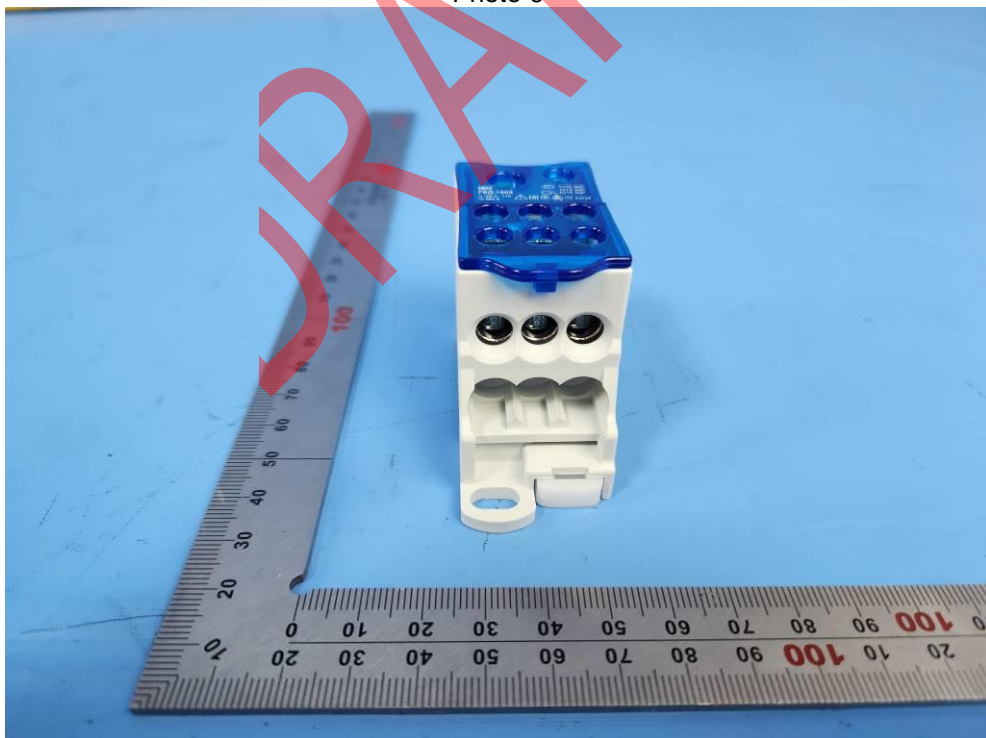


Photo 6



Model: UKK-125A

Photo 7



Photo 8

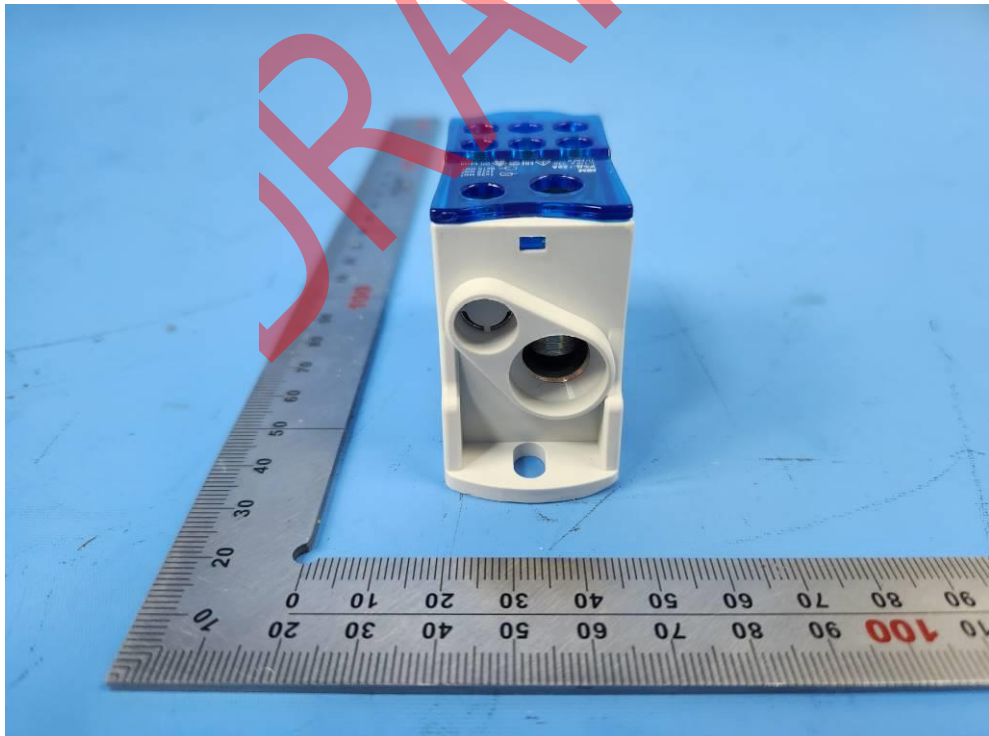
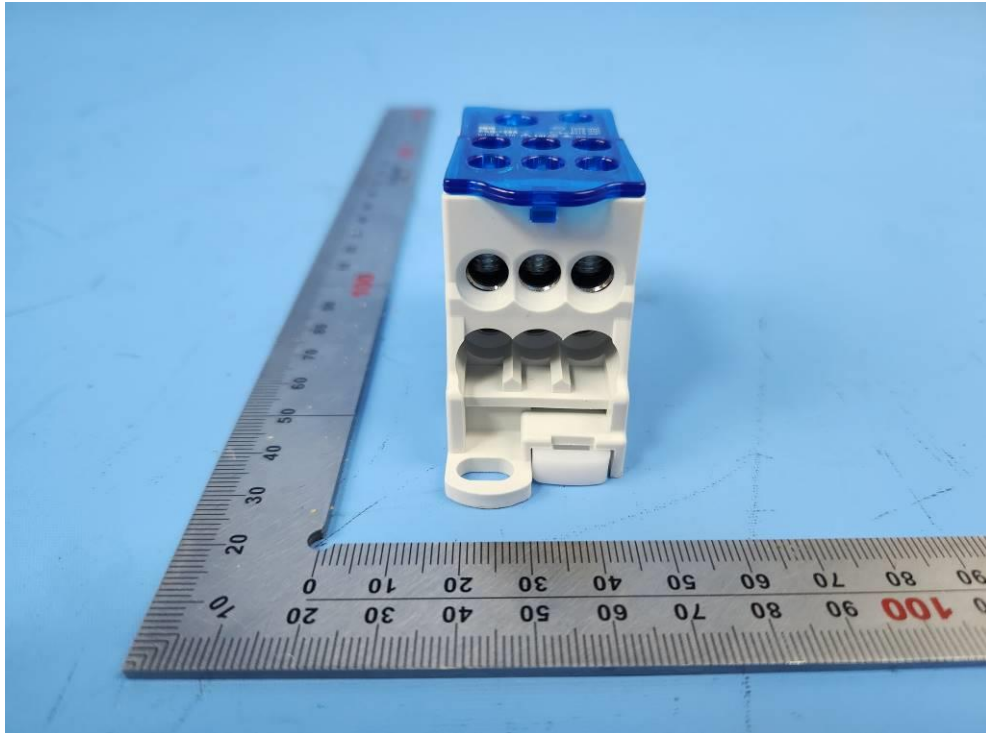


Photo 9



===== End of Report =====

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