



TC-5389

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)

ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.

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RP-2425-037787

TEST REPORT**ULR No.: TC538925000005611F****SHEET 01 OF 03**

NAME & ADDRESS OF CUSTOMER: M/s. Paragon Electro Switchgear Pvt. Ltd. K-3, M.I.D.C., Ambad, Nashik – 422 010. Maharashtra. INDIA	REPORT NO. : RP-2425-037787 DATE OF ISSUE: 05-03-2025	
	CUSTOMER REF. NO.: Letter DATED: Nil	
	DATE OF SAMPLE RECEIPT	DATE OF TESTING
	17-12-2024	04-03-2025 & 05-03-2025
SAMPLE DESCRIPTION: (As provided by customer) Compression type tubular terminal ends (Aluminium lug) [5 Nos.] Designation: CAA-95 PESALS-228 (95 sqmm E-12.7 Aluminium Lug)	SAMPLE IDENTIFICATION: Embossed on the sample: "Pessrl-95-12" ERDA Sample Code No.: ERDA-00610832	
TEST DETAILS: 1] Visual examination 2] Dimensional check up 3] Flattening test 4] Electrical conductivity test [% IACS]	TEST SPECIFICATION: For Test Procedure and Requirement: IS 8309 : 1993 with 1 Amendment	
REMARKS: 1] Out of five samples, one sample was randomly selected for testing. 2] Sample conforms to the requirement of all above mentioned tests. 3] Photograph of samples has been attached. [Refer SHEET 03 OF 03]		
 CHECKED BY	 (Mr. Anil Suthar) APPROVED BY	

Note:

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**ULR No.: TC538925000005611F**

Discipline: Electrical Testing

Group: Transmission line equipment and accessories

TEST REPORT No.: RP-2425-037787 DATE OF ISSUE: 05-03-2025 SHEET 02 OF 03

Sr. No.	Particular of Tests & Cl. No.	Requirement as per specification	Obtained Value/ Observation	Remarks
1.	Visual examination [Cl. No. 8.1 of IS 8309]	Sample shall be examined for freedom from flaws, rust, crevices, cracks and other defects harmful for the joint.	Sample found free from flaws, rust, crevices, cracks and other defects harmful for the joint.	Conforms
2.	Dimensional check up [Cl. No. 8.1 & Table 1 of IS 8309]	Sample shall conform to Designation CAA-95 of Table 1 of IS 8309	Conforms to Designation CAA-95 of Table 1 of IS 8309	Conforms
3.	Flattening test [Cl. No. 8.2 of IS 8309]	Apply gradually increasing load until the internal surfaces are in contact over at least half of the internal width of flattened test piece. There shall be no crack observed.	No crack was observed	Conforms
4.	Electrical conductivity test [% IACS] [Cl. No. 8.3 of IS 8309]	60.0 % IACS (Min.)	63.5 % IACS*	Conforms

Note: '*' Obtained value is an average of five readings.

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**TC 3763422**



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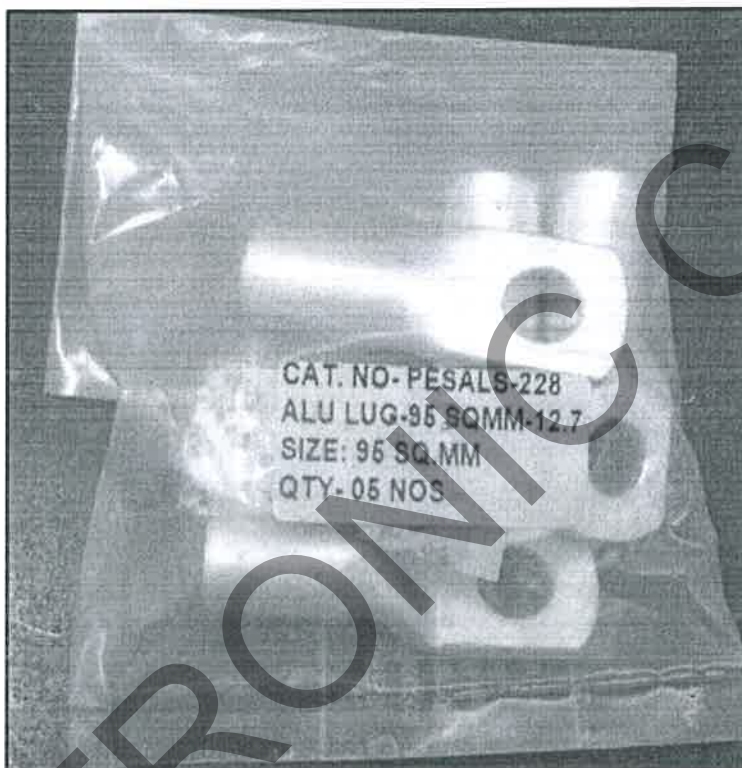
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TEST REPORT No.: RP-2425-037787 DATE OF ISSUE: 05-03-2025 SHEET 03 OF 03



Photograph of samples

[Signature]
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***** End of Test Report *****



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