



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-2425-037790

TEST REPORT

ULR No.: TC538925000005613F

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-2425-037790 DATE OF ISSUE: 05-03-2025 CUSTOMER REF. NO.: Letter DATED: Nil <table border="1"> <tr> <th data-bbox="852 734 1150 801">DATE OF SAMPLE RECEIPT</th> <th data-bbox="1160 734 1460 801">DATE OF TESTING</th> </tr> <tr> <td data-bbox="852 801 1150 869">17-12-2024</td> <td data-bbox="1160 801 1460 869">04-03-2025 & 05-03-2025</td> </tr> </table>		DATE OF SAMPLE RECEIPT	DATE OF TESTING	17-12-2024	04-03-2025 & 05-03-2025
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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-185 PESALS-234 (185 sqmm E-12.7 Aluminium Lug)	SAMPLE IDENTIFICATION: Embossed on the sample: "Pessrl-185-12" ERDA Sample Code No.: ERDA-00610834					
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.: TC538925000005613F**

Discipline: Electrical Testing

Group: Transmission line equipment and accessories

TEST REPORT No.: RP-2425-037790 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-185 of Table 1 of IS 8309	Conforms to Designation CAA-185 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.)	61.3 % IACS*	Conforms

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

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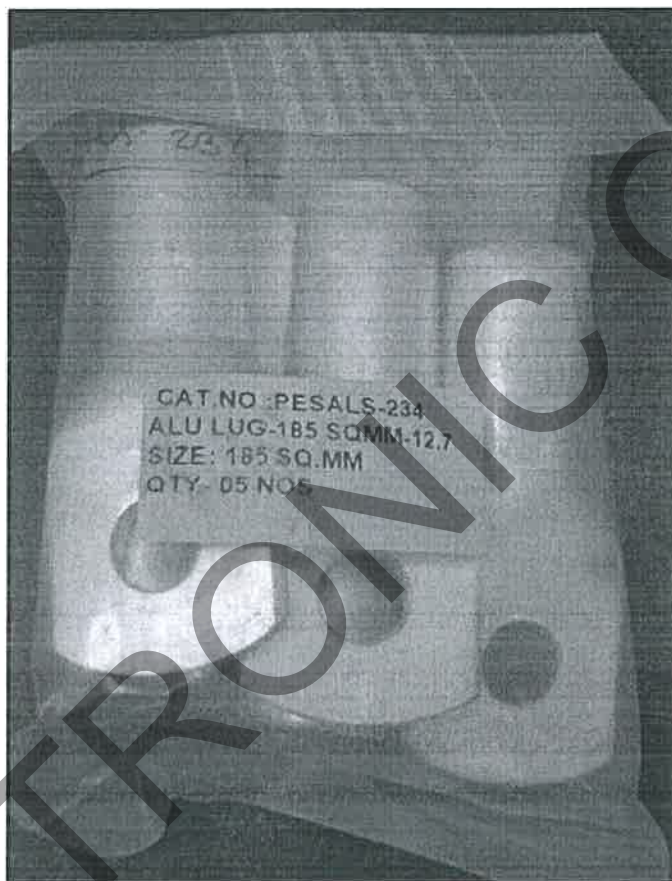
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Photograph of samples


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***** End of Test Report *****



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