



Certificate No. : T-0071

## ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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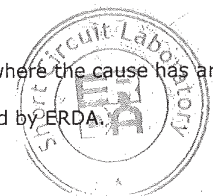


### TEST REPORT

SHEET 1 OF 5

<b>NAME &amp; ADDRESS OF CUSTOMER</b> <b>K.I.K. Lanka (Pvt) Ltd.</b> Spur Road 2, Phase 1, Export Processing Zone, Katunayake, Sri Lanka.	<b>REPORT NO.:</b> RP-1617-027938 <b>DATE:</b> 15.09.2016	
	<b>CUSTOMER REF. NO.:</b> Nil.	<b>DATED:</b> 24.06.2016
	<b>DATE OF SAMPLE RECEIPT:</b> 08.09.2016	<b>DATE OF TESTING:</b> 08.09.2016 to 09.09.2016
	<b>SAMPLE DESCRIPTION</b> <b>Internal Arc Fault Test Panel</b> Rated operational current (Ie) : 1600 A Rated operational voltage (Ue) : 415 V Rated Insulation voltage (Ui) : 1000 V Rated frequency : 50 Hz Arcing characteristic : Class 'C' No. of phases : TPN + Protective Earth <b>Permissible conditional short-circuit current under arcing conditions (Ipc arc):</b> 50 kArms @ 415 V Quantity tested: 1 No. Further details as per sheet No. 3 of 5	
<b>SAMPLE IDENTIFICATION</b> <b>ERDA Sample Code No.:</b> ERDA-00159259 <b>Type Designation:</b> Low voltage switchgear and control assembly <b>Sr. No.:</b> KL2323-01-02 <b>Drawing No.:</b> As per List Of Drawing No. KIK-R&D-DWG-NO. 0175 (Total 18 Sheets)		
<b>TEST DETAILS</b> Permissible conditional short-circuit current under arcing conditions [At Right hand side end terminals of main horizontal busbar]	<b>TEST SPECIFICATION</b> As per customer requirement, test procedure followed as per IEC TR 61641 Edition 3.0 (2014)	
<b>ENCLOSURES:</b> NUMBER OF OSCILLOGRAMS : Four NUMBER OF PHOTOGRAPH : Two NUMBER OF TEST CIRCUIT DIAGRAM : One NUMBER OF DRAWINGS : Eighteen		
<b>TEST WITNESSED BY:</b> Mr. Sanka Wijeratne (Head of International Sales, K.I.K. Lanka (Pvt) Ltd.) Mr. Milinda Gunawardhna (Electrical Engineer-Testing, K.I.K. Lanka (Pvt) Ltd.)		
<b>NOTE:</b> Arc initiation point & supply point declared by the customer.		
<b>REMARKS:</b> As per enclosures.		
 <b>PREPARED BY</b>	 <b>CHECKED BY</b>	 <b>APPROVED BY</b> (YASHINKHAN I. PATHAN)

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