

Government of India  
Ministry of Communications and Information Technology  
Department of Electronics & Information Technology, Standardisation Testing & Quality Certification Directorate  
**ELECTRONICS REGIONAL TEST LABORATORY (EAST)**

TEST REPORT ON RS485 ETHERNET ADAPTER

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**1.0 SCOPE**

**1.1 Service Request No.** : TE/0057/07-14  
**1.2 Test Report No.** : ERTL(E)/TES/T238/0014/01-15  
Date : 21/05/2015



**1.3 Requested by** : **TROLEX LTD.**  
( Name & Address  
of the organisation)  
NEWBY ROAD INDL. ESTATE  
HAZEL GROVE, STOCKPORT,  
CHESHIRE, SK75DY,  
UNITED KINGDOM

**1.4 Description ,**  
Identification  
of the item  
to be tested

Item : RS485 ETHERNET ADAPTER  
Make : TROLEX  
Model : TYPE: TX 2123  
Sl.No. : PROTOTYPE  
Qty. : 1  
vi) Dimension:

**1.4.1 Applicable Spec. of the item(s) tested:**

Ui=14.4V(max), INPUT: RS485, OUTPUT: MODBUS TCP/IP ETHERNET

**1.4.2 Characterisation and**  
**condition of the item ,**

Characterisation : Not applicable /  
Condition : Satisfactory /

**1.5 Date of item receipt of item** : 28/11/2014

**1.6 Date of start of testing** : 06/01/2015

**1.6.1 Date of completion of testing** : 29/04/2015

**1.7 Location where testing performed** : In house

**1.8 Ambient condition during measurement** : 25 +/- 1.5°C  
70% RH. Max.

**1.9 Spec. used for testing** : IS/IEC 60079-0:2004 & IS/IEC 60079-11:2006 FOR GROUP I

**1.9.1 Details of non-standard  
method followed (if any)** : NIL



Certificate No. : T1397