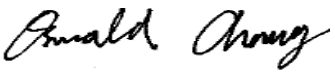
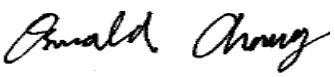
ATEX TEST REPORT COVER

Testing Laboratory
0944

ExTR Reference Number..... :	N/A (ATEX Only)
ExTR Free Reference Number ..... :	4786656684
Compiled by + signature (ExTL) .... :	Hans Chen 
Compiled by + signature (ExTL) .... :	Oswald Chang 
Reviewed by + signature (ExTL).... :	Krzysztof Rymarski 
Approved by + signature (TAF Report Signatory)..... :	Oswald Chang 
Date of issue ..... :	2015-10-12
Ex Testing Laboratory (ExTL)..... :	Underwriters Laboratories Taiwan Co., Ltd.
Address..... :	1st, 2nd, 3rd, 4th, 5th, 6th Fl., 260, Da-Yeh Road, Peitou, Taipei City 112, Taiwan (R.O.C.)
Test location..... :	1F., No.2, Wenming 1st St., Guishan, Taoyuan City 333, Taiwan
Ex Certification Body (ExCB)..... :	N/A
Address..... :	N/A
Applicant's name..... :	AXIOMTEK CO LTD
Address..... :	8F., No. 4, Lane 235, Baoqiao Rd, Xindian District, New Taipei City, 231 Taiwan
Standards associated with this ExTR package ..... :	IEC 60079-0 Ed. 6, IEC 60079-15 Ed. 4
Clauses considered ..... :	All clauses considered
Test procedure..... :	IECEx System
Test Report Form Number..... :	ExTR Cover_5 (released 2014-01)
Test item description..... :	Robust Din-rail Fanless Embedded System
Model/type reference ..... :	rBOX510-6COM
Code (e.g. Ex __ II__ T__)..... :	Ex nA nC IIC T4 Gc
Rating..... :	Input: 12 - 48 V dc, 1.63 – 0.45 A Relay Output: 30Vdc/2A, Resistance DI: 0-24Vdc DO: 200mA Ambient temperature range: -40°C ≤ Tamb ≤ +70°C
All testing fully performed by ExTL staff at ExTL address above:	Yes

Instructions for Intended Use of ExTR Cover:
An ExTR Cover is the sole top-level document to associate together all other parts of an IECEx Test Report (ExTR) package. An ExTR package is comprised of an ExTR Cover and one or more associated ExTR documents (which may include Ex Test Reports, ExTR Addendums and ExTR of National Differences). All ExTR package documents are compiled and reviewed by the ExTL. The Issuing ExCB indicates final approval of the overall ExTR package on this ExTR Cover.

Manufacturer's name ..... :	AXIOMTEK CO LTD
Address ..... :	8F., No. 4, Lane 235, Baoqiao Rd, Xindian District, New Taipei City, 231 Taiwan
Trademark ..... :	AXIOMTEK

Particulars: Test item vs. Test requirements

Classification of installation and use ..... :	stationary
Ingress protection ..... :	None
Rated ambient temperature range (°C) ..... :	-40°C to +70°C

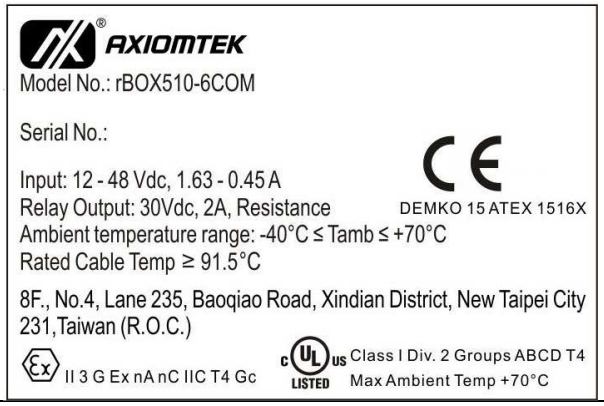
General remarks:

The test results presented in this ExTR package relate only to the item or product tested.

- "(see Attachment #)" refers to additional information appended to the ExTR package.
- "(see appended table)" refers to a table appended to the ExTR package.
- Throughout this ExTR package, a point is used as the decimal separator.
- *Where the term "N/A" appears in any part of an ExTR package, it indicates that the associated issue was considered "Not applicable" to the involved evaluation.*
- *In accordance with IECEx 02, a Receiving ExCB may request a sample of the Ex equipment and copies of the documentation referred to in an ExTR Cover.*

The technical content of this ExTR package shall not be reproduced except in full without the written approval of the Issuing ExCB and ExTL.

Copy of Marking Plate:



General product information:

This device is open type, Industrial serial interfaces with communication interface and intended for installation in information technology equipment (computer) applications, pollution degree 2 environments. This model is intended for installation into a suitable enclosure accessible only by use of tool.

Robust Din-rail Fanless Embedded System, Model rBOX510-6COM.

In accordance with OD 024, testing not fully performed by ExTL staff at the above ExTL address:

N/A

National differences considered as part of this evaluation, if any:

This equipment also complies with the requirements of EN 60079-0:2012+A11:2013 and EN 60079-15:2010.

The differences between IEC 60079-0 6th Edition and EN 60079-0:2012+A11:2013, and IEC 60079-15 4th Edition and EN 60079-15:2010 are covered in the IECEx Test Report of National Differences.

"Specific Conditions of Use" for Ex Equipment or "Schedule of Limitations" for Ex Components, if any:

- The equipment shall be installed in an enclosure that provides a degree of protection not less than IP 54 in accordance with EN 60079-15 and accessible only by the use of a tool.
- The device is for use in an area of not more than pollution degree 2 in accordance with EN 60664-1.

Routine tests, if any:

N/A

Manufacturer's Documents

Title:	Drawing No.:	Rev. Level:	Date:
Label drawing	9616M510010E	A1	2015-09-17
User's Manual	5006M510030E	A1	2015-07-30
Enclosure dimensions	rBOX510-6COM (Assembly)	A4	2014-12-11
rBOX510 TOP H-SINK dimensions	5076M510000E	A2	2015-03-23
CEM840 CPU H-SINK dimensions	5076M510000E-1	A3	2015-03-23
Mini-Card H-SINK dimensions	5076M510000E-2	A3	2015-03-23
Lan Chip H-SINK dimensions	5076M510000E-3	A3	2015-03-23
Schematic of CPU board (P/N: CEM840) (22 pages)	CEM840	A10	2015-08-14
Schematic of Power board (P/N: RB216) (24 pages)	RB216	A20	2015-08-14
Schematic of I/O board (P/N: AX93636) (19 pages)	AX93636	A20	2015-08-14
Critical Component List	rBOX510_20150611	NEW	2015-06-11