



# WORLDWIDE CERTIFICATION

FOR THE DESIGN AND CONSTRUCTION OF  
ELECTRICAL AND ELECTRONIC  
EQUIPMENT

IEC 60335-1

EN 60335-1

UL 1988

IEC 60335-1

IEC 60335-2-1

EN 60335-2-1

UL 1988

IEC 60335-1

IEC 60335-2-2

EN 60335-2-2

IEC 60335-2-3

EN 60335-2-3  
EN 60335-2-3  
EN 60335-2-3  
EN 60335-2-3

IEC 60335-2-4

EN 60335-2-4

IEC 60335-2-5

IEC 60335-2-6

EN 60335-2-6

IEC 60335-2-7

EN 60335-2-7  
EN 60335-2-7  
EN 60335-2-7  
EN 60335-2-7

IEC 60335-2-8  
IEC 60335-2-8

UL 1988

IEC 60335-2-9

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IEC 60335-2-10  
IEC 60335-2-10

IEC 60335-2-11

IEC 60335-2-11

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# Allen-Bradley Parts



# IECEX Certificate of Conformity

Certificate No: IECEx ETL 15.0054X Issue No: 0  
Date of Issue: 2015-12-17 Page 2 of H  
Manufacturer: **Rockwell Automation**  
1201 South 2nd Street  
Milwaukee, WI 53204  
**United States of America**

Additional Manufacturing  
location(s):

**Online Development Inc. (OLDI)**  
7209 Chapman Highway  
Knoxville, TN 37920  
United States of America

**General Microcircuits Inc.**  
1133 N. Main Street  
PO Box 748  
 Mooresville, NC 28115  
United States of America

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0  
**IEC 60079-15 : 2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[US/ETL/ExTR15.0060/00](#)

Quality Assessment Report:

[US/ETL/QAR12.0005/01](#)

[US/ETL/QAR14.0006/00](#)

[US/ETL/QAR15.0005/00](#)



# IECEx Certificate of Conformity

Certificate No: IECEx ETL 15.0054X

Issue No: 0

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

XM-940 (1440-TB-A Series C Terminal Base is a DIN rail mounted base unit that provides terminations for all field wiring required by XM vibration modules, models XM-120 through to XM-124 which are not a part of this evaluation.

The non-metallic enclosure of the apparatus does not provide adequate protection and was not evaluated for the enclosure requirements of IEC 60079-0 i.e. impact, thermal endurance to heat, thermal endurance to cold, etc. A dielectric strength test was performed at 500Vac (in accordance with clause 6.5 of standard IEC 60079-15:2010 and has shown there to be isolation between all connections and the external case.

See Annex for Manufacturer's Documents

### CONDITIONS OF CERTIFICATION: YES as shown below:

a.

Provisions shall be made to prevent the rated supply and relay voltage from being exceeded by transient disturbances of 140% in accordance with Clause 13 of Standard IEC 60079-15:2010.

b.

The equipment shall be installed in an IECEx certified enclosure with a minimum degree of protection of IP54 in accordance with IEC 60079-15:2010. The enclosure must be tool-secured. The local service temperature after installation shall not exceed the rated ambient temperature range  $-20C < T_a < +65C$  of the equipment.

c.

The XM-940 Terminal Base Unit is certified and approved for use only with IECEx approved measurement modules with relays up to 120Vac.

### Annex:

[Annex doc for IEC Ex C of C or TR.pdf](#)

# Allen-Bradley Parts



# IECEx Certificate of Conformity

<b>Certificate No:</b>	<b>IEC Ex ETL 15.0054X</b>	<b>Issue No. 0</b>
<b>Annex No. 1</b>		

**Manufacturer's documents**

**Drawings associated with Issue 0 of this certificate:**

Title:	Drawing No.:	Rev. Level:	Date:
XM-940 Installation Instructions	GMSI10-IN020C-EN-P	C	08/2013
1440-TB-A Series C	1600980	1.0	12/11/12
1440-TB-A Series C Trading Good	10000398955	01	Oct 15, 2013

Certificate issued by:

**Intertek**  
**3933 US Route 11 South**  
**Cortland NY 13045-2995**  
**United States of America**

