



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: issue No.:

Status:

Date of Issue: **2011-09-16** Page 1 of 3

Applicant: **Relcom, Inc.**
2221 Yew Street
Forest Grove, OR 97116
United States of America

Electrical Apparatus: **F301, F304, F308, F312, F316**
Optional accessory: **F97**

Type of Protection: **Non Sparking 'nA', energy limitation 'nL' and Intrinsic Safety 'ic'**

Marking: **F301:**
Ex nA [nL] IIC T4 Ta = -50C to 85C ;
Ex ic IIC T4 Ta = -50C to 85C; FISCO Gc
F304, F308, F312, F316:
Ex nA [nL] T4 Ta = -50C to 70C;
Ex nA [ic] T4 Ta = -50C to 70C;
Ex ic IIC T4 Ta = -50C to 85C; FISCO Gc

*Approved for issue on behalf of the IECEx
Certification Body:*

Position:

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America



Member of the FM Global Group



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Manufacturer: **Relcom, Inc.**
 2221 Yew Street
 Forest Grove, OR 97116
United States of America

Manufacturing location(s):

MTL Instruments	MTL Instruments PVT Ltd. Relcom Inc.
Great Marlings	No. 3 Old Mahabalipuram 2221 Yew Street
Butterfield	Road Forest Grove, OR 97116
Luton	Sholinganallur, Chennai, United States of America
Bedfordshire LU2 8DL	600119
United Kingdom	India

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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-15 : 2005-03 Edition: 3	Electrical apparatus for explosive gas atmospheres Part 15: Construction, test and Marking of Type of Protection "n" electrical apparatus
IEC 60079-15 : 2010 Edition: 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-27 : 2008 Edition: 2.0	Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO)

*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/FMG/ExTR11.0011/00](#)

Quality Assessment Report:

[CA/CSA/QAR06.0003/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

F301, F304, F308, F312, F316 Megablock Series Fieldbus Connection Blocks

CONDITIONS OF CERTIFICATION: NO

Ex nA [nL] IIC T4:

1. The apparatus is to be installed in an enclosure which maintains a minimum ingress protection rating of IP54 and meets the enclosure requirements of IEC 60079-0 and IEC 60079-15.
2. Provisions shall be made externally to the apparatus to prevent the rated input being exceeded by transient disturbances of more than 140% of the rated voltage value of 32V.

Ex nA [ic] IIC T4:

1. The apparatus is to be installed in an enclosure which maintains a minimum ingress protection rating of IP54 and meets the enclosure requirements of IEC 60079-0, IEC 60079-11 and IEC 60079-15.
2. Provisions shall be made externally to the apparatus to prevent the rated input being exceeded by transient disturbances of more than 140% of the rated voltage value of 32V.

Ex ic IIC T4 Gc FISCO

1. The apparatus is to be installed in an enclosure which maintains a minimum ingress protection rating of IP54 and meets the enclosure requirements of IEC 60079-0 and IEC 60079-11.

