

ATEX II 3 GD Certificate

RELC07ATEX1001X

We, Relcom, hereby declare that the following equipment complies with Directive 94/9/EC (ATEX):

FCS-MB2-SG [-T] [-PC,-PD]	2-port Megablocks with SpurGuards™
FCS-MB4-SG [-T] [-PC,-PD], F203 [-PC,-PD]	4-port Megablocks with SpurGuards™
FCS-MB8-SG [-T] [-PC,-PD], F207 [-PC,-PD]	8-port Megablocks with SpurGuards™
FCS-MB10-SG [-T] [-PC,-PD], F211 [-PC,-PD]	10-port Megablocks with SpurGuards™
F118 [-PC,-PD]	10-port Megablocks with SpurGuards™
FCS-MB12-SG [-T] [-PC,-PD], F215 [-PC,-PD]	12-port Megablocks with SpurGuards™

Manufactured by:

Relcom, Inc. 2221 Yew Street, Forest Grove, OR, 97116, USA
Measurement Technology Limited, Power Court, Luton Beds. LU1 3JJ. UK

Authorized Representative in the EU:

Measurement Technology Limited, Power Court, Luton Beds. LU1 3JJ. UK

This equipment fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 94/9/EC. The equipment comply with:

IEC 60079-0:2004 "Electrical apparatus for potentially explosive atmospheres - General requirements"
IEC 60079-15:2005 "Electrical apparatus for potentially explosive atmospheres – Construction, test and marking of type of Protection 'n' electrical apparatus"

The design is documented in the Relcom Technical File No. 500-048

The safety marking, **Ex nA [nL] IIC T4**, of the apparatus is specified in the Technical File (Document No. 500-048) and includes the distinctive community marks:



The 'nA' relates to the option of using a non-arcing trunk and spurs.
The 'nL' relates to the energy-limited spur and the alternative use of an energy-limited trunk.
The permitted input parameters from the trunk are: U_i : 32V, I_i : 1.5A, L_i and C_i are negligible.
The parameters of the energy limited spur are: The voltage U_0 is determined by the trunk voltage which has a maximum permitted value of 32V. I_0 : 60mA, L_0 : 1.26mH, C_0 : 170nF

Manufacture is internally controlled by a Quality Management System modeled after ISO 9001:2000 and EN13980:2002.

The apparatus is designed to be installed and used in accordance with IEC 60079-14:2003.

The ambient operating temperature range is -45°C to +70°C.

Apparatus meets the ATEX Directive requirements for personnel protection by complying with the LVD Directive 2006/95/EC. The personnel safety standards of EN61010-1 are also met by the apparatus.

Special Conditions of safe use: The apparatus must be installed in an enclosure or an environment that ensures at least IP54 protection. When mounted in Zone 22 (dust) hazardous areas, the enclosure in which the apparatus is mounted should meet the requirements of IEC 61242. Use a damp cloth when cleaning the apparatus to prevent static buildup on the plastic housing.

Senior Fieldbus Engineer

Rev: B.0 - 04/30/10

M. Graube
President

 **Relcom Inc.**
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