

## (1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **KEMA 05ATEX2006**

(4) Equipment or protective system: **Connection blocks ME Megablock Models F240-XE to F267-XE and Terminator Type FCS-MBT-XE for Fieldbus systems**

(5) Manufacturer: **Relcom Inc.**

(6) Address: **2221 Yew Street, Forest Grove, OR 97116, USA**

(7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential report no. 2076242.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2004**

**EN 60079-7 : 2001**

**EN 60079-18 : 2004**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.


(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:



**II 2 G Ex em IIC T4**

Arnhem, 4 February 2005  
KEMA Quality B.V.

  
C.G. van Es  
Certification Manager

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**SCHEDULE**

(13)

(14)

**to EC-Type Examination Certificate KEMA 05ATEX2006****(15) Description**

The Connection blocks ME Megablock Models F240-XE to F267-XE are interconnection blocks for use in a Fieldbus system. They are used to connect up to 10 devices to a fieldbus segment. The connection block consists of 2 trunk connectors and up to 10 spur connectors which may be provided with current limiting Spurguards. The Megablock Terminator Type FCS-MBT-XE is used for the termination of the Fieldbus system and to provide surge protection.

Ambient temperature range -45 °C to +70 °C.

**Electrical data**

Rated voltage ..... 30 Vdc  
Rated current ..... 1,5 A

**Installation instructions**

The connection blocks and terminators shall be installed in an suitable enclosure in type of protection increased safety "e".

**Routine tests**

The following routine test must be carried out according to Clause 9 of IEC 60079-18:  
- Clause 9.1: Visual check of the encapsulated parts. No visible damage of the compound shall be evident.

**(16) Report**

KEMA No. 2076242.

**(17) Special conditions for safe use**

None.

**(18) Essential Health and Safety Requirements**

Covered by the standards listed at (9).

**(19) Test documentation**

As listed in Test Report No. 2076242.

## to EC-Type Examination Certificate KEMA 05ATEX2006

Manufacturer: **Relcom Inc.**

Address: **2221 Yew Street, Forest Grove, OR 97116, USA**

### **Description**

Connection Blocks Series ME Megablock Models F240-XE to F267-XE for Fieldbus systems may also be constructed according to the documentation as stated below. The range is extended with Models F268-XE to F273-XE.

Models F268-XE to F273-XE are used to connect up to 12 devices to a fieldbus segment.

### **Electrical data**

Unchanged.

### **Installation instructions**

Unchanged.

### **Routine tests**

Unchanged.

### **Marking**

Unchanged.

### **Report**

KEMA No. 2091112.

### **Special conditions for safe use**

Unchanged.

### **Essential Health and Safety Requirements**

Unchanged.

### **Test documentation**

See report 2091112.

Arnhem, 20 March 2006  
KEMA Quality B.V.

A blue ink signature of C.G. van Es, consisting of a large, stylized 'C' and 'E' followed by 'van Es'.

C.G. van Es  
Certification Manager