



GRAND-DUCHE DE LUXEMBOURG



Société Nationale de

Certification et d'Homologation S.à r.l.



EC-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

EC-Type Examination Certificate Number: **SEE 01 ATEX 3223**

Equipment or Protective System: **Threephased asynchronous motors for mains and converter operation**

Manufacturer: **Leumann & Uhlmann AG
Hofackerstraße 10
CH - 4132 Muttenz**

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

Service de l'Energie de l'Etat, notified body no. 0499, 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 or 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 n° **LU Ex 01-001**.

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

**EN 50014 : 1997+A1+A2 - General requirements
EN 50019 : 1994 - Increased safety "e"**

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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

II 2G EEx e II T1, T2, T3, T4 or T5

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Luxembourg, 10.09.2001



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Schedule

EC-TYPE EXAMINATION CERTIFICATE

N° SEE 01 ATEX 3223

Description of Equipment or Protective system:

- Three-phased asynchronous motors of type series D56... to D315... in type of protection Increased Safety "e", of which the mechanical design is laid down in test reports PTB Ex 99-30001 and PTB Ex 00-30106 and the electrical design is laid down in the data sheets of the confidential test report LU Ex 01-001.
- Three-phased asynchronous motors in type of protection Increased Safety "e", of which the mechanical design is laid down in the respective manufacturer's type examination certificate and the electrical design is laid down in the data sheets of the confidential test report LU Ex 01-001.

(A complete list of certified types is found in the data sheets marked with "SEE" and annexed to the test report.)

Report: *LU Ex 01-001*

Special conditions for safe use: *none*

Essential health and safety requirements: *covered by standards*

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Luxembourg, 10.09.2001