

# CERTIFICATE

## (1) Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) Type Examination Certificate Number: **KEMA 04ATEX4060**

Issue Number: **3**

(4) Equipment: **Air Relay types SA and SB**

(5) Manufacturer: **BETA B.V.**

(6) Address: **Verrijn Stuartlaan 22, 2288 EL Rijswijk,  
The Netherlands**

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

(8) DEKRA Certification B.V., certifies that this equipment 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 test report no. 215450900/4.

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

**EN 13463-1: 2001**

**EN 13463-5: 2003**

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

(11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment and not to the manufacturing process and supply of this equipment.

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



**II 2 G c T6**

This certificate is issued on 22 June 2012 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

C.G. van Es  
Certification Manager

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° Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group

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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 04ATEX4060**

Issue No. 2

(15) **Description**

The Air Relay types SA and SB are pilot operated snap acting pneumatic switching elements with high accuracy. The Air Relay type SA is for normally closed operation and the Air Relay type SB is for normally open operation.

Ambient temperature range -30 °C to +80 °C.

**Connection data**

Pilot supply pressure: ..... 1,5 to 7,0 bar  
Pilot air consumption: ..... max. 1 l/hr at 1,5 bar supply  
Signal pressure: ..... max. 7,0 bar  
Signal flow capacity: .....max. 20 l/min at 1,2 bar

**Installation instructions**

The instructions of the manufacturer must be followed in detail to assure proper and safe operation of the relay.

(16) **Test Report**

No. 215450900/4.

(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. 215450900/4.