

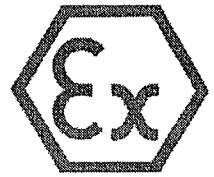



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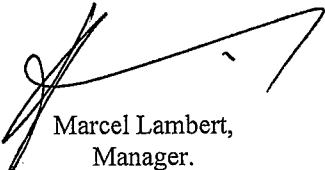
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- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Equipment or protective system intended for use
in potentially explosive atmospheres
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSeP08ATEX035X**
- (4) Equipment : Flameproof housing
BR323 series
- (5) Applicant – Manufacturer :
BEKA associates Ltd
- (6) Address: Old Charlton Rd
Hitchin, Hertfordshire SG5 2DA
UK
- (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) ISSeP, notified body n° 492 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 08081
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0 : 2006 (IEC 60079-0 : 2004) EN 60079-1 : 2007 (IEC 60079-1 : 2007)
EN 61241-0 : 2006 (IEC 61241-0 : 2004) EN 61241-1 : 2004 (IEC 61241-1 : 2004)
- (10) If the symbol "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 in accordance to the Directive 94/9/EC. Further requirements of this Directive may 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 indications:
-  II 2 G Ex d IIC T6
II 2 D Ex tD A21 IP 66 T85°C

Colfontaine, the 08.07.2008

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Marcel Lambert,
Manager.

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(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE No ISSeP08ATEX035X

(15)

Description :

This apparatus consist of a type BEKA BR323AL aluminium alloy or type BEKA BR323SS stainless steel flameproof housing inside which is placed a BR323 PC-Programmable 2-wire, 4-20 mA and 5-digit Loop Display.

Electrical parameters

Max. current: 110 mA

Max voltage: 30 VDC

Connection of the apparatus.

The connection of the apparatus shall be made by cable entries of a certified flameproof model or by threaded metal conduits; in this case a stopping box with compound filling of a certified flameproof model shall be placed at the entry of the apparatus. The unused threaded holes shall be shut by certified flameproof plugs.

Eventual prescriptions

Ambient temperature range: -20°C up to +60°C

Routine tests

The manufacturer shall make the routine verifications and tests to ensure that the electrical apparatus produced complies with the specification submitted to the testing station together with the prototype.

(16)

Report n° 08081 of 7.07.2008 composed in total of 8 pages

The BEKA application of 4 February 2008

The BEKA agreement dated 23 June 2008

The BR323 user's manual of instructions from BEKA (13 pages)

The drawings

200-251-2255 of 7/2008 Rev. B

200-251-2256 of 7/2008 Rev. B

(17)

Special conditions for safe use: symbol X

Any accumulation of dust shall be avoided on the housing

(18)

Essential Health and Safety Requirements: covered by the standards listed at point 9 and by the descriptive documents from the manufacturer.

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