



- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Component intended for use on/in equipment or protective system
intended for use in potentially explosive atmospheres
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSeP05ATEX0072 U**
- (4) Component: Flameproof empty housing
EJB * * * series
- (5) Applicant – Manufacturer:
JCE (Europe) Ltd
- (6) Address: East Way, Lee Mill Industrial Estate
Ivybridge, Devon PL21 9LL
England
- (7) This component 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components 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 05106

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
IEC/EN 60079-0 :2004 IEC 60079-1 :2003
- (10) The symbol "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified component in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- (12) The marking of the component shall include the following indications:

 II 2 G Ex d IIB+H₂

Colfontaine, the 13.12.2005

*INSTITUT SCIENTIFIQUE DE SERVICE
PUBLIC*

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Lambert Marcel
Manager.

This certificate may only be reproduced in its entirety and without any change, schedule included

(13) SCHEDULE

(14) EC TYPE EXAMINATION CERTIFICATE No ISSeP05ATEX072 U

(15) Description of the component:

Empty flameproof housing.

EJBS1 * & EJBS2 * & EJB2 * & EJB3 * & EJB4 * & EJB5* series

This component consists of an aluminium alloy housing of which the cover could be provided with one or two glass windows

Routine test

The manufacturer shall make the routine verifications and tests necessary to ensure that the component produced complies with the specification submitted to the testing station together with the prototype. Each enclosure shall be submitted to an overpressure routine test under the value of 10 bar maintained during at least 10 seconds and no more than 60 seconds.

(16) Report no 05106 dated 30.11.2005 composed in total of 18 pages.

The drawings

A3C-2968 issue 2 of 24.11.2005 (16 sheets)

A3C-2970 of 18.10.2005 (1 sheet)

(17) Special conditions for safe use:

- The fastener screws shall have a yield stress of at least 280 N/mm².
- The temperature of the cementing joint of the window shall not exceed 100°C
- The schedule of limitations mentioned under D.4.2 of IEC 60079-1:2003 shall be fulfilled for the issuing of the certification related to a complete apparatus.

(18) Essential Health and Safety Requirements: covered by the standards listed at 9 and by the descriptive of the manufacturer.