



(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: **ISSeP03ATEX028**

(4) Equipment : Connection housing – series EJBT**

(5) Applicant : JCE (Europe) Ltd
Manufacturer : JCE Group

(6) Address: East Way, Lee Mill Industrial Estate
(applicant) Ivybridge, Devon PL21 9LL
England

(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 n° 02100

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997 + A1 and A2 : 1999 EN 50281-1-1 : 1998 EN 50018: 2000 + A1:2002

(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

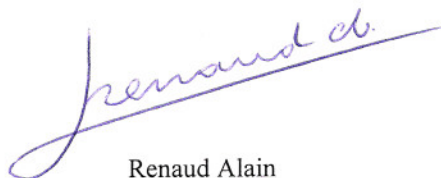
(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective 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 D EEx d IIB T6 (85°C) or EEx dIIB T5 (100°C)
IP66

Colfontaine, the 04.04.2003

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer, rue de la Platinerie
B-7340 COLFONTAINE (Wasmes)
Tél: ++ 32 65 610811 – Fax: ++ 32 65 610808


Renaud Alain
Manager of Colfontaine division

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP03ATEX028

(15)

Description of the equipment :

This apparatus consists of an aluminium alloy flameproof enclosure inside of which are fitted rail mounted terminals.

The arrangement and number of terminal are indicated on drawing A3C-2946 sheet 1.

The type designation of this apparatus is:

- EJBT10.
- EJBT1,2,3,4 ;EJBT3R,4R .
- EJBT3A,4A,5A,3AC,4AC,5AC,3RA,4RA,5RA,3RAC,4RAC,5RAC.
- EJBST1,2 ;EJBXT2.

Electrical characteristics

Voltage: max. 10 kV

Current: max. 415 A


Eventual prescriptions

The connections shall be made through ATEX certified cable entries.

Routine tests

The manufacturer shall perform the routine verifications and tests necessary to ensure that the apparatus complies with the specification submitted to the testing station with the prototype.

Marking

- The name of the manufacturer or his registered trade mark.
- The manufacturer's type identification.
- The serial number.
- The year of manufacturing of the material.
-  II 2 G D
- The code: EEx d IIB T6 (85°C) or EEx d IIB T5 (100°C) IP66.
- The manufacturing number.
- The indication of the testing station , followed by the certification number.
- Additional marking
 - CHOICE OF CONNECTION CABLE OR CONDUIT WIRINGS COMPATIBLES WITH THE TEMPERATURE OF 100°C for the temperature class T5.
- The marking normally required by the Standard of construction of the electrical apparatus.

(16)

Report n° 02100 dated 04.04.2003 composed of 18 pages in total.

The instruction note from the manufacturer " Installation and maintenance Information" (2 sheets).

The drawings

- A3C-2946 issue 3 of 03.04.2003 (3 sheets)

The certificates

- BAS02ATEX2278U " Trolex "connector type TX3700.SS
- BAS02ATEX2281U " Trolex "connector type TX3701.SS and its variation 1

(17)

Special conditions for safe use: None

(18)

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

VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP03ATEX028/1

(14) Apparatus: connection housing
EJBT * * series

(15) Subject to the variation :

A busbar is fitted on the bottom plate inside the housing. The arrangement of the bars, the clearances, the creepage distances and the current in relation with the size of the bar are precised on the drawing A3C-2946 sheet 4 of 4.

Marking: Unchanged

Routine tests: unchanged with regards to the initial certificate

(16) Report n° 06056 of 11.09.2006 (6 pages)

The drawing A3C-2946 Issue 5 of 8.09.2006 (4 sheets)

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements: covered by the standards listed at point 9 of the initial certificate and by the descriptive documents from the manufacturer

Colfontaine, 15.09.2006.

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer - B 7340 Colfontaine (Wasmes)
Tél: ++ 32 65 610811 - Fax: ++ 32 65 610808


Lambert Marcel,
Directeur