




- (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: **ISSeP02ATEX049U**
- (4) Component: Operating rod for switch or push button
Series KS & SP & PB & SS & PBJ & SSJ
- (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 n° 02070.

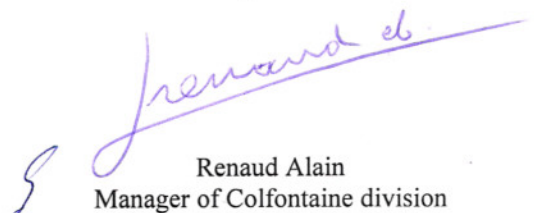
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1977 + A1 et A2 : 1999 EN 50018 : 2000
- (10) The symbol "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment 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 EEx d IIC

Colfontaine, the 25.10.2002

INSTITUT SCIENTIFIQUE DE SERVICE
PUBLIC

Rue Grande, 60 - B7340 Colfontaine
Tél: ++ 32 65 610811 – Fax: ++ 32 65 610808



Renaud Alain
Manager of Colfontaine division

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

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP02ATEX049U

(15) Description of the component:

Operating rod for switch or push button

Types KSS & KS & SP & PB & SS1 & SS2 & PBJ & SSJ 60 & SSJ160

This component consists of

- a stainless steel bush allotted to be screwed to a flameproof housing
- a stainless steel operating rod maintained inside the bush by means of circlips or spring pins
- a locknut maintaining the bush to the housing

This component provides the degree of protection IP66

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.

(16) Report n^r 02070 dated 23.10.2002 composed in total of 12 pages.

The test reports from ERA Technology Ltd. Ref. : 5046/248 and 5046/307 (7 pages).

The instructions note from the manufacturer (1 page).

The drawings

A3C-2949 issue 3 of 15.10.2002 (4 sheets)

A3C-2950 issue 2 of 15.10.2002

A3C-2951 issue 2 of 15.10.2002 (2 sheets)

(17) Special conditions for safe use: none

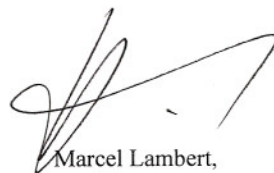
(18) Essential Health and Safety Requirements: covered by the standards listed at 9 and by the descriptive documents of the manufacturer.

VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP02ATEX049U/1

- (14) Component: Operating rod for switch or push-button
- (15) Subject to the variation :
Machining of a groove on the type PB & SS1 and SS2 operating rods in order to ensure the external seal by an o-ring instead of a flat gasket
- The flameproof properties of this component remain unchanged
- Marking: Unchanged
- Routine tests: unchanged
- (16) Report n° 06072 of 6.09.2006 (5 pages)
The drawing
A3C-2949 issue 4 of 5.06.2006 (sheet 1 of 4)
- (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, 11.09.2006.



Marcel Lambert,
Director

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This document may not be used without the original certificate