



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

(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (3) Number of the EC type examination certificate: **INERIS 12ATEX0056**

- (4) Equipment or protective system:

BUTTON TYPE ZB..Ex or XAW.. Ex

- (5) Manufacturer: **SCHNEIDER ELECTRIC**

- (6) Address: **F - 92506 RUEIL MALMAISON**

- (7) This equipment or protective system and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

- (8) INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC of the 23rd March 1994, certifies that this equipment or protective system fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, described in annex II of the Directive.

The examinations and the tests are consigned in report No 025605/12.

- (9) The respect of the Essential Health and Safety Requirements is ensured by:



- conformity with:

EN 60079-0 : 2009

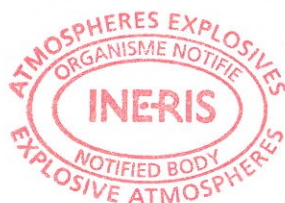
EN 60079-11 : 2012

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

- (10) Sign X, when it is placed following the Number of the EC type examination certificate, indicates that this equipment and protective system is subjected to the special conditions for safe use, mentioned in the annex of 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 the Directive 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 the protective system will have to contain:

 I M2 -  II 2 GD

Verneuil-en-Halatte, 2012.12.21




The Chief Executive Officer of INERIS
By delegation
T. HOUEIX
Ex Certification Officer

(13)

ANNEX

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 12ATEX0056

(15)

DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

ZB.. button is an electronic device which generates a radio signal when activated. The device is 'ib' intrinsic safety protected and can be packaged in different box solutions detailed in this certificate. The product is autonomous. It doesn't contain any battery and is not connected to external power supply.

WAW.. device corresponds to the ZB..button packaged in a specific plastic enclosure.



PARAMETERS RELATING TO THE SAFETY

None.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

1 - ZB4R..EX or ZB5R..EX single button

SCHNEIDER ELECTRIC
F - 92506 RUEIL MALMAISON
ZB4R..EX or ZB5R..EX
INERIS 12ATEX0056
(Serial number)
(Year of construction)
 I M2 -  II 2 GD
Ex ib I Mb
Ex ib IIC T6 Gb
Ex ib IIIC T85°C Db IP6X
T.amb : -25°C to +70°C



2 - ZBRM..Ex Button packaged within the ergonomic box

2a. Ergonomic box without leather cover

SCHNEIDER ELECTRIC
F - 92506 RUEIL MALMAISON
ZBRM..BEX
INERIS 12ATEX0056

(Serial number)

(Year of construction)

 I M2 -  II 2 GD

Ex ib I Mb

Ex ib IIB T6 Gb

Ex ib IIIC T85°C Db IP6X

T.amb : -25°C to +70°C

2b. Ergonomic box with leather cover

SCHNEIDER ELECTRIC



F - 92506 RUEIL MALMAISON

ZBRM..EX

INERIS 12ATEX0056

(Serial number)

(Year of construction)

 I M2 -  II 2 GD

Ex ib I Mb

Ex ib IIC T6 Gb

Ex ib IIIC T85°C Db IP6X

T.amb : -25°C to +70°C

3 - ZBRP..EX button packaged within the vertical box and leather cover

SCHNEIDER ELECTRIC



F - 92506 RUEIL MALMAISON

ZBRP...EX

INERIS 12ATEX0056

(Serial number)

(Year of construction)

 I M2 -  II 2 GD

Ex ib I Mb

Ex ib IIC T6 Gb

Ex ib IIIC T85°C Db IP6X

T.amb : -25°C to +70°C

4 - XAWFR..EX or XAWGR..EX button packaged within XAW.. box

SCHNEIDER ELECTRIC



F - 92506 RUEIL MALMAISON

XAWFR..EX or XAWGR..EX

INERIS 12ATEX0056

(Serial number)

(Year of construction)

 I M2 -  II 2 GD

Ex ib I Mb

Ex ib IIC T6 Gb

Ex ib IIIC T85°C Db IP6X

T.amb : -25°C to +70°C

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

None.

(16) DESCRIPTIVE DOCUMENTS

The descriptive document quoted hereafter constitutes the technical documentation of the equipment, subject of this certificate.

- Certification file TN103A04 rev. 1 (10 rubrics) signed on 2012.07.06

(17) SPECIAL CONDITIONS FOR SAFE USE

None.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the standards quoted in clause (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.