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# EC-TYPE EXAMINATION CERTIFICATE



[2] Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

 [3] Certificate Number: **EPT 16 ATEX 2404U**

 [4] Component: **Explosion-proof (flash) Buzzer**  
 Series: **CZ 1208-□7□**

 [5] Manufacturer: **CZ EXPLOSION-PROOF ELECTRIC APPLIANCES CO., LTD.**

[6] Address: No.1, Qixing Road, QiXing Town, Nanhu district, JiaXing, ZheJiang, P.R. China

[7] This component and its accepted variations are specified in the annex to this Certificate.


[8] Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 9 of the Council Directive 94/9/CE of 23th 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 equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive. The examination and test results are recorded in the confidential Report N° EPT.16.REL.01/53272-11

[9] Compliance with the essential health and safety is assured through the verification of them and by compliance with the harmonized standards:

**EN 60079-0:2012+A11:2013; EN 60079-7:2007; EN 60079-11:2012; EN 60079-18:2015;  
EN 60079-31:2014**

[10] The sign "U" placed after the Certificate number indicates that it refers to a component and that it can be used only as a basis for the certification of an equipment or protective system in which the component is used.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified component. Further requirements of the Directive 94/9/EC apply to the manufacture and supply of this component. These requirements are not object of this Certificate.

 [12] The component shall include the sign  and the following string:

- **II 2 GD Ex e ib mb IIC Gb Ex ib tb IIIC Db**

Place and date of issue:

Torino, 2016-03-15




 \_\_\_\_\_  
 Dionisio Bucchieri  
 Directive Responsible



 \_\_\_\_\_  
 Paolo Trisoglio  
 Managing Director

**SGQ N° 133A**  
**PRD N° 119B**

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This Certificate has 4 pages and it is reproducible only in its entirety. Conditions of validity are reported below.



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**ANNEX**

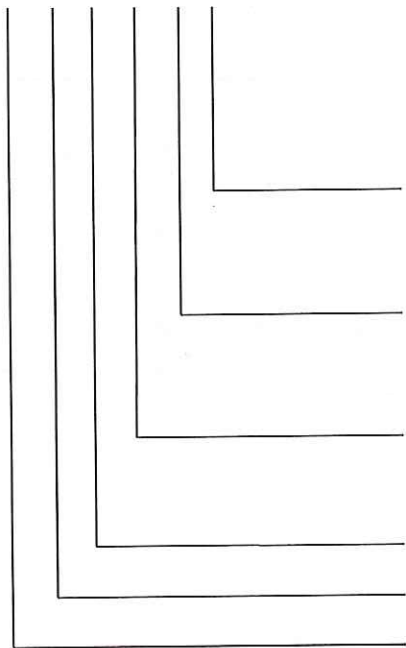
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**EC-TYPE EXAMINATION CERTIFICATE N. EPT 16 ATEX 2404U**
**[15] Equipment description**

The CZ 1208-□7□ explosion proof (flash) buzzer is a device that can be partially introduced in a wall or door of an explosion proof apparatus to produce, when the supply voltage is provided, an acoustic and visual warning.

**Catalogue Number Logic**

CZ 12 08 - □ □ □



Voltage code | 0-AC/DC 10-28 V  
 | 1-AC/DC 20-250 V

Mounting type : 7 Rear type

Product type | F – Flash type buzzer  
 | – transparent cover red  
 | B – buzzer  
 | – transparent cover black

Code for product model

Year number of product development

The abbreviation code of manufacturer name

**Main Technical Parameters**

- 10-28 V AC or DC for CZ 1208-□70
- 20-250 V AC or DC for CZ 1208-□71

**Routine tests**

The Manufacturer shall carry out the dielectric tests between the supply terminals and earth protective terminal described in:

- Clause 9.2 of EN 60079-18:2015
- Clause 7.1 of EN 60079-7:2015

**[16] Assessment Report n° EPT.16.REL.01/53272-11**

This EC-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 94/9/CE and to harmonized technical standard EN 60079-0:2012+A11:2013, EN 60079-7:2007, EN 60079-11:2012, EN 60079-18:2015, EN 60079-31:2014; performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

**[17] Special condition for a safe use**

The component must be integrated into an enclosure protected by a suitable type of protection for the considered use and the type(s) of protection verified for the component.  
 If the component is used in an ambient and within an enclosure both with temperature not exceeding + 55°C no further thermal ageing assessment are required; in this case the maximum surface temperature is suitable for a T4 temperature class.



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**EC-TYPE EXAMINATION CERTIFICATE N. EPT 16 ATEX 2404U****[18] Essential Health and Safety Requirements**

Assured by the evaluation of each requirement and the compliance with EN 60079-0:2012+A11:2013, EN 60079-7:2007, EN 60079-11:2012, EN 60079-18:2015, EN 60079-31:2014.

**[19] Descriptive documents**

The equipment objects of this Certificate is described by the following documents.  
Scheduled documents are indicated with the symbol "✓". They cannot be modified without the explicit authorization of the Notified Body.

Document	Name	Rev.	Dat	Scheduled
Technical note PS-CZ1208-001	Product explanation of CZ1208-□7 □ series explosion-proof (flash) buzzer	0	2015/05/29	✓
Operating instructions CZ1208-SP-15.05.29	Operating instructions of CZ1208-□ 7□ series explosion-proof (flash) buzzer	/	2015/05/29	✓
Structure Diagram 2CZ1208.001~004(011~018).000	CZ1208-□7□ explosion-proof (flash) buzzer	AA	2015/05/29	✓
Schematic diagram 5CZ1208.007.000	CZ1208-□□0 electrical schematic diagram	AA	2015/05/29	✓
Schematic diagram CZ1208.008.000	CZ1208-□□1 electrical schematic diagram	AA	2015/05/29	✓
Drawing 8CZ1208.000.001	CZ 1208 transparent cover			✓
Drawing 8CZ1208.000.002	CZ 1208 gasket	AA	2015/05/29	✓
Drawing 8CZ1208.000.003	CZ 1208 body	AA	2015/05/29	✓
Drawing 8CZ1208.000.005	CZ 1208 terminal fabricated section	AA	2015/05/29	✓
Drawing 8CZ1208.000.006	CZ 1208 terminal cover	AA	2015/05/29	✓
Drawing 8CZ1208.000.008	CZ 1208 locknut	AA	2015/05/29	✓
Marking label 8CZ1208.000.011	CZ 1208-□7□ nameplate	AA	2015/05/29	✓
Drawing 8CZ1208.000.013	S07E0123 sealing ring	AA	2015/05/29	✓
Drawing 8CZ1208.000.014	CZ 1208 binding post	AA	2015/05/29	✓
Drawing 8CZ1208.000.15	CZ 1208 terminal linkage board	AA	2015/05/29	✓
Specification	kpeg260w specification	/	/	-
Diagram	kpeg260w schematic diagram	/	/	-
PCB Layout	kpeg260w pcb layout	/	/	-
Declaration	pcb board ul certificate	/	/	-
Test report Resin 552 FL	material quality report of pu 552fl	/	2012/01	-
Data Sheet Resin 552FL	Information sheet for the treatment of pu 552fl	/	2011/06	-
Test report Resin EXL1434T	Resin exl1434t reports of resistance to light	/	2010/10/01	-
Data Sheet Resin EXL1434T	Material quality report of resin exl1434t	/	/	-
Test report Rubber	Material quality report of sr silicon rubber (black) hardness 50	/	2015/10/15	-



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Test report Rubber	Material quality report of sr silicon rubber (black) hardness 70	/	2015/10/15	-
Data Sheet Plastic	Zytel 101L NC010	/	/	-
Dielectric strength test for resin PU 552FL	Test report Number: J145021	/	2014/04/08	-
Water absorption test for resin PU 552FL	Test report Number: J091468	/	2009/11/19	-

**[20] Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- changes in the design or construction of the product;
- changes or amendments to the Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 94/9/EC Directive.



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 End of Certificate

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