



# DET NORSKE VERITAS

## EC-TYPE EXAMINATION CERTIFICATE

- [2] **COMPONENT INTENDED FOR USE IN EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC**
- [3] EC-Type Examination Certificate Number: **DNV 12 ATEX 11180U**
- [4] Component: **Explosion-Proof Fuses Module CZ0804 Series**
- [5] Applicant – Manufacturer or Authorized representative: **CZ EXPLOSION-PROOF ELECTRIC APPLIANCES Co., LTD**
- [6] Address: **No. 1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing City, Zhejiang Province, Postal code:314 002 China**
- [7] This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV, notified body number **0575** in accordance with Article 9 of 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 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 reports listed in section 14.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0: 2009, EN60079-7:2007 and EN60079-18:2009**
- [10] The sign '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 and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacturer and supply of this component.
- [12] The marking of the equipment or protective system shall include the following:



**II 2 G Ex emb IIC Gb -55 °C ≤ Ta ≤ +60 °C**

Høvik, 2012-06-12  
for Det Norske Veritas AS

for Marianne Spæren  
*Certification Manager*



Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.

The digitally signed and electronically distributed document is the original and valid certificate. Ref.: [www.dnv.com/digitalsignatures](http://www.dnv.com/digitalsignatures)

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



[13]

## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** DNV 12 ATEX 11180U

### Certificate History

Revision	Description	Report no.	Issue date
-	Original certificate	2012-358605	2012-06-12

[15] **Description of component**

The series CZ0804 explosion-proof fuses module is comprised of an enclosure and a fuse protecting cover, enclosure, wiring terminal and a fuse. Fuse and a part of terminal are encapsulated by compound. The explosion-proof fuse module is an Ex component which should be installed in a certificated enclosure.

### Type identification

CZ	08	04	/	□	□A
Rated current value					
Code of action type: F: Fast break off type T: Time delay type					
The series No. of designed product					
Year number of product development					
The abbreviation code of manufacturer name					

### Ambient Temperature:

$-55\text{ °C} \leq T_a \leq +60\text{ °C}$

### Degree of protection (IP Code)

IP20

### Electrical Data

Rated voltage: 250V

Rated current: up to 6.3A

Breaking capability : 50mA to 3.15A: 35A(250V) ; 4A to 6.3A: 10 x I<sub>n</sub> (250V)

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**[16] Project No.:** PRJC-358605-2011-PRC-CHN

**Descriptive Documents**

Number	Title	Rev.	Date
2CZ0804.001.000	CZ0804/□□A series explosion-proof fuses modules	-	2011.01.18

**Routine test**

- Dielectric strength should be conducted according to clause 7.1 of EN60079-7:2007 and 9.2 of EN60079-18:2004
- Each product should be carried out the visual inspection.

**[17] Schedule of limitations**

- The explosion-proof fuses modules must be installed in an ATEX certificated enclosure with minimum IP54 rating

**[18] Essential Health and Safety Requirements**

See part 9 of this certificate

END OF CERTIFICATE

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