



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEX CQM 09.0006X Issue No: 1 Certificate history:  
Status: Current Page 1 of 4 Issue No. 1 (2017-05-04)  
Date of Issue: 2017-05-04 Issue No. 0 (2009-08-27)

Applicant: CZ EXPLOSION-PROOF ELECTRIC APPLIANCES Co., LTD  
No. 1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing City, Zhejiang Province  
Postal code: 314 002  
China

Equipment: Full Plastic Explosion-proof Plugs and Sockets CZ0252 series  
Optional accessory:

Type of Protection: Ex "d", Ex "e", Ex "t"

Marking: Ex db eb IIC T6 (Ta ≤ +40°C) / T5 (Ta ≤ +55°C) Gb  
Ex tb IIIC T80°C ((Ta ≤ +40°C) / T95°C (Ta ≤ +55°C) Db

Approved for issue on behalf of the IECEX  
Certification Body:

Ji Xiaodong

Position:

General Manager

Signature:  
(for printed version)

Date:

2017-05-04

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEX Website](http://www.iecex.com).

Certificate issued by:

China Quality Mark Certification Group Co., Ltd.  
No. 33 Zengguang Road, Haidian District,  
Beijing City, Postal code: 100048  
China





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Manufacturer: CZ EXPLOSION-PROOF ELECTRIC APPLIANCES Co., LTD.  
No. 1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing City, Zhejiang Province  
Postal code:314 002  
China

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

#### Test Report:

CN/CQM/ExTR09.0006/01

#### Quality Assessment Report:

CN/CQM/QAR08.0001/06



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description of equipment

CZ0252 series plugs and sockets compose the plug-and-socket devices. The type of protection is flameproof enclosure , increased safety and protection by enclosure. The plugs and sockets include wall type and coupler type.

#### Rating

Rated current: 32A

Rated voltage: 4-pole-max. 690V AC, 5-pole-max. 415V AC, 50/60Hz.

Ingress protection:

For Ingress protection: IP66 (Couple type plugs and sockets), IP65 (Wall type plugs and sockets)

#### SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The holes for cable entries should be installed with suitably certified cable glands. The unused holes should be closed by suitably certified stopping plugs to ensure that IP degree is not less than IP65.

2. If needed, repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer.

3. Ambient temperature range:

-40°C ~+45°C(Ex db eb IIC T6 Gb, Ex tb IIICT80°C) ;

-40°C~ +55°C (Ex db eb IIC T5 Gb, Ex tb IIIC T95 °C)



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

1. Updated edition of IEC Standards: IEC 60079-0 to Ed 6, IEC 60079-1 to Ed 7 and IEC61241-0, -1 to IEC60079-31 Ed 2.
2. Some materials are changed.