

(1) EU-TYPE EXAMINATION CERTIFICATE



(2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number

TÜV 15 ATEX 7749 X

Issue: 00

(4) Equipment: Explosion-proof overhaul(equipment) light fittings /type CZ1260/□ - LED11W -□

(5) Manufacturer: CZ Explosion-proof Electric Appliances Co.,Ltd.

(6) Address: No.1 Qixing Rd, Qixing Town, Nanhu District
Jiaxing, Zhejiang, P.R.China

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which 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 atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC/Ex7749.00/15
Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2012/A11:2013 EN 60079-1:2014 EN 60079-7: 2015 EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.



II 2 G Ex de IIC T5 Gb, II 2 D Ex tb IIIC T95°C Db (-20°C /-40°C ≤Ta≤+55°C)

II 2 G Ex de IIC T6 Gb, II 2 D Ex tb IIIC T80°C Db (-20°C /-40°C ≤Ta≤+40°C)

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2017-01-24

Dipl.-Ing. Andreas Maschke

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This EU-Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
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(13) Annex

(14) **EU Type Examination Certificate**
TÜV 15 ATEX 7749 X Issue: 00

(15) Description of equipment

15.1 Equipment and type:

Explosion-proof overhaul (equipment) light fittings / type CZ1260 / □ - LED11W - □

15.2 Description / Details of Change

General product information

The Explosion-proof overhaul (equipment) light fittings type CZ1260 including fixed installation and hand-held. All electrical design and mechanical construction are same for this two kind of lamp except that the cable entry (cable gland 16A/3P is used for hand-held lamp and ATEX certified M25x1.5 cable gland is used for fixed installation lamp), which is located into terminal chamber of CZ1260.

The terminal chamber with protection type "e", and light source chamber with protection type "d", and the power module and light source module are enclosed in the flameproof enclosure.

The whole enclosure of Ex lamp are made of plastic materials completely. Additional earthing design was adopted for the hand-held lamps.

Technical Data

Work voltages:

1. AC 12~36V with 50Hz/60Hz and DC 12~48V
2. AC/DC 100~250V with 50Hz/60Hz
3. AC48~110V with 50Hz/60Hz and DC 70~110V

Power:11W for all types

Temperature class:

T6(71.1°C): -20°C / -40°C ≤Ta≤+40°C

T5(86.1°C): -20°C / - 40°C ≤Ta≤+55°C

IP Ratings:

IP 66(For fixed installation lamp)

IP 67(For hand-held lamp)

Minimum IP54 requirement for whole lamps are considered also.

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(16) Test-Report No. GC/Ex7749.00/15

(17) Special Conditions for safe use

1. Only specified cable entry can be used.
2. The equipment CZ1260 shall be protected from mechanical impacts. If damages occurred, the equipment must be removed from the hazardous area.
3. Do not rub on the plastic enclosure of this equipment.
4. The non-metallic parts of the enclosure shall not exposed to frequent temperature changes.
5. Earthing connections must be checked and observed in accordance with user manual.
6. WARNING- POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS
7. WARNING- CLEAN ONLY WITH A DAMP CLOTH
8. WARNING- DO NOT OPEN WHEN ENERGIZED

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

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