



CNEX-GLOBAL

[1] EU-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 2014/34/EU**



[3] EU-Type Examination Certificate Number: **CNEX 22 ATEX 0015 X Issue 0**

[4] Equipment : **Explosion-proof (Emergency) LED Tubular Light Fittings models CZ6365/11
(see Schedule)**

[5] Manufacturer : **CZ Electric Co., Ltd.**

[6] Address : **No.1 Qixing Rd., Qixing Town, Nanhu District, Jiaxing City, Zhejiang Province,
314002, China**

[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] CNEX-Global B.V., Notified Body number 2614, in accordance with Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment or protective system 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 Report No. **P22073IA-CS**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-31:2014

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to specific conditions for use specified in the schedule to this certificate.

[11] This EU – Type examination certificate relates only to the design of the specified equipment or protective system. Further requirements of the Directive apply to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include the following:

II 2G Ex db IIB+H2 T6 Gb or II 2D Ex tb IIIC T80°C Db

Certification officer : Hou Yandong

Signature:

Date of issue : 2023-01-20

Certification Body: CNEX-Global B.V., Utrechtseweg 310-B42, 6812 AR Arnhem, The Netherlands

This certificate may only be reproduced in its entirety and without any change, including schedule

CNEX-FM-603E Issue 9

Page 1 of 3



[13]

[14]

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE No.

CNEX 22 ATEX 0015 X Issue 0

Report: 22073



[15] Description of equipment:

The Explosion-proof (Emergency) LED Tubular Light Fittings models CZ6365/11 are constructed in type of protection flameproof enclosure 'db' for explosive gas atmospheres and in type of protection protection by enclosure 'tb' for explosive dust atmospheres. The light-transmitting parts are made of polycarbonate, with the two end bodies of its enclosure made of stainless steel 316L. There are two cable entries provided size M20×1.5-6H.

Nomenclature:

Model	CZ6365	/	1	1	□	-	□	□	□	W	□	-	17	-□	...
Code	a	/	b	c	d	-	e	f	g	h	-	i	j	k	
a	Series Model: CZ6365														
b	Type of explosion-proof:1 = Flameproof														
c	Light body code:1 = No.1 enclosure														
d	Light cover code: 2 = 600mm; 3 = 900mm; 4 = 1200mm														
e	Light source code: LED = General LED light source; T8LED= T8 lamp type LED light source														
f	Light source quantity code: 0 = 1; 2 = 2														
g	Light source power value	Standard: d = 2, Max 30W; d = 3, Max 40W; d = 4, Max 50W													
		Emergency type: d = 3, Max 30W; d = 4, Max 40W													
h	Color temperature code: 3 = 3000K; 4 = 4000K; 5 = 5000K; 6 = 6500K														
i	Voltage code: 17: 100-250V AC 50/60Hz; 127-250V DC														
j	Emergency code: blank = standard; M = emergency														
k	Other: Any number or letter not related to explosion-proof														

Electrical Data:

Rated voltage: 100 ~ 250V AC, 127 ~ 250V DC

Rated frequency: 50/60Hz / DC

Rated power: CZ6365/112: Max.30W; CZ6365/113: Max.40W; CZ6365/114: Max.50W

Emergency power: 8W

See the Test Report Cover Sheet (ref. P22073IA-CS) for details.

Mounting Instructions:

See manufacturer's instructions.

Installation Instructions:

See manufacturer's instructions.

Routine tests:

Detailed in the Test Report Cover document. (P22073IA-CS).

[16] Descriptive Documents:

Detailed in the Test Report Cover document. (P22073IA-CS).

[13]

[14]

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE No.
CNEX 22 ATEX 0015 X Issue 0
Report: 22073



[17] Specific Conditions for Use:

The ambient temperature range is limited as follows:

- for CZ6365/11□-□□□W□-17-... Series Explosion-proof LED Tubular Light Fittings:
-40°C ≤ Ta ≤ +55°C and -60°C ≤ Ta ≤ +55°C.
- for CZ6365/11□-□□□W□-17-M... Series Explosion-proof emergency LED Tubular Light Fittings:
-40°C ≤ Ta ≤ +50°C.

The width of flameproof joint is more than the minimum values specified in EN 60079-1 standard. If needed, repair of the flameproof joints must only be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 4 of EN 60079-1:2014.

Before application, separate ATEX certified cable glands and/or stopping plugs must be applied, rated minimum IP66/IP67, suitable for the conditions of use and correctly installed.

To avoid explosion risks from static electricity, clean the lamp surface only with a wet cloth.

[18] Essential Health and Safety Requirements:

The Essential Health and Safety Requirements are covered by the standards listed at item [9].

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

Additional Information:

The enclosures of the Explosion-proof (Emergency) LED Tubular Light Fittings models CZ6365/11 have successfully passed the tests for the Ingress Protection level IP66/67 to EN 60529.