

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: Presafe 16 ATEX 8121X Issue 0
- [4] Product: Full Plastic Explosion-proof Plugs and Sockets CZ0251 series
- [5] Manufacturer: 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 product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV Nemko Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013, EN 60079-1:2014, EN 60079-7:2015, and EN 60079-31:2014.
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:



II 2 G

Ex db eb IIC T6 Gb (Ta≤+45°C) or Ex db eb IIC T5 Gb (Ta≤+55°C)



II 2 D

Ex tb IIIC T80°C Db (Ta≤+45 °C) or Ex tb IIIC T95°C Db (Ta≤+55 °C)

Bjørn Spongsveen
For DNV Nemko Presafe AS
Information on electronic signature www.presafe.com



Date of issue: 2016-10-12

This certificate replaces
previous certificate
issued by DNV.



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

[13]

Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 16 ATEX 8121X Issue 0

[15] **Description of Product**

CZ0251 series plugs and sockets compose the plug-and-socket devices. The type of protection is flameproof enclosure and increased safety protection by enclosure. The plugs and sockets include wall type and coupler type.

Type designation

CZ	02	5	1	□	□	□	□	□	□
0: Non-plug									
7: Plug code (with plug)									
0: No auxiliary									
4: With auxiliary, 1NO									
Clock position									
Poles									
Classification code:									
4: Wall type socket									
3: Coupler type									
7: Plug									
Code of rated current: 16 A									
Code of product type: Series of plug and socket									
Year number of design and development of product									
Abbreviation code of manufacturer name									

Electrical Data

Rated current: 16 A

Rated voltage: 2-pole: 50 V d.c./a.c. 0 Hz & 50/60 Hz; 3-pole: max. 250 V a.c., 4-pole: max. 690 V a.c., 5-pole: max. 415 V a.c., 50/60 Hz.

Degrees of protection (IP Code)

IP66 (Couple type plugs and sockets)

IP65 (Wall type plugs and sockets)

Ambient temperature:

-40 °C to +45 °C (Ex db eb IIC T6 Gb Ex tb IIIC T80 °C Db)

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

Routine tests

- A dielectric strength test shall be carried out at 500/1500/1830/2380 V a.c. (depending of rated voltage) for at least 1 min. according to requirements of clause 7.1 (6.1) of EN 60079-7:2015.

[16] **Report No.:** 2011-3017, Rev. 02

Project No.: PRJC-259331-2010-PRC-CHN

[17] Specific Conditions of Use

- For wall type socket, before application, separate certified Ex eb IIC Gb or/and Ex tb IIIC Db IP66 cable gland or plug in accordance with EN 60079-0:2012, EN 60079-7:2015 and EN 60079-31:2014 should be incorporated.

[18] Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] Drawings and documents

Number	Title	Rev.	Date
2CZ0251.003.001~007	CZ0251 8□0□07 Full plastic explosion-proof panel type plugs and sockets structure diagram	AB	2015-12-28
2CZ0251.003.011~013	CZ0251 82□□07 Full plastic explosion-proof panel type plugs and sockets structure diagram	AA	2015-12-28
5CZ0251.008.003.1~2	CZ0251 830□00 Full plastic explosion-proof panel type sockets	AB	2015-12-28
5CZ0251.008.004.1~4	CZ0251 840□00 Full plastic explosion-proof panel type sockets	AB	2015-12-28
5CZ0251.008.005.0	CZ0251 8506 00 Full plastic explosion-proof panel type sockets	AB	2015-12-28
5CZ0251.008.002. 1~3	CZ0251 82□□00 Full plastic explosion-proof panel type socket	AA	2015-12-28
5CZ0251.008.003K.0	Flameproof 16A 2-pole inter lock switch	AB	2015-12-28
5CZ0251.008.005K.0	Flameproof 16A 4-pole inter lock switch	AB	2015-12-28
2CZ0251.001.001~011	CZ0251 4□0□0(4)7 Full plastic explosion-proof wall type plugs and sockets structure diagram	AB	2015-12-28
2CZ0251.001.012~014	CZ0251 42□□07 Full plastic explosion-proof wall type plugs and sockets structure diagram	AA	2015-12-28
2CZ0251.002.001~007	CZ0251 3□0□07 Full plastic explosion-proof coupler type plugs and sockets structure diagram	AB	2015-12-28
2CZ0251.002.008~010	CZ0251 32□□07 Full plastic explosion-proof coupler type plugs and sockets structure diagram	AA	2015-12-28
5CZ0251.007.003.1~2	CZ0251 730□00 Full plastic explosion-proof plugs	AB	2015-12-28
5CZ0251.007.004.1~4	CZ0251 740□00 Full plastic explosion-proof plugs	AB	2015-12-28
5CZ0251.007.005.0	CZ0251 7506 00 Full plastic explosion-proof plugs	AB	2015-12-28
5CZ0251.007.002.1~3	CZ0251 72□□00 Full plastic explosion-proof plugs	AA	2015-12-28
5CZ0251.004.003.1~2	CZ0251 430□00 Full plastic explosion-proof wall type sockets	AB	2015-12-28

5CZ0251.004.004.1~4	CZ0251 440□00 Full plastic explosion-proof wall type sockets	AB	2015-12-28
5CZ0251.004.004F.1~3	CZ0251 440□40 Full plastic explosion-proof wall type sockets	AB	2015-12-28
5CZ0251.004.005.0	CZ0251 4506 00 Full plastic explosion-proof wall type sockets	AB	2015-12-28
5CZ0251.004.005F.0	CZ0251 4506 40 Full plastic explosion-proof wall type sockets	AB	2015-12-28
5CZ0251.004.002.1~3	CZ0251 42□□00 Full plastic explosion-proof wall type sockets	AA	2015-12-28
5CZ0251.003.003. 1~2	CZ0251 330□00 Full plastic explosion-proof coupler type sockets	AB	2015-12-28
5CZ0251.003.004. 1~4	CZ0251 340□00 Full plastic explosion-proof coupler type sockets	AB	2015-12-28
5CZ0251.003.005.0	CZ0251 3506 00 Full plastic explosion-proof coupler type sockets	AB	2015-12-28
5CZ0251.003.002. 1~3	CZ0251 32□□00 Full plastic explosion-proof coupler type sockets	AA	2015-12-28
8CZ0251.004.003.1	16A/3P Box	AB	2015-12-28
8CZ0251.004.003.2	16A/3P Box Cover	AB	2015-12-28
8CZ0251.004.005.1	16A/5P(4P) Box	AB	2015-12-28
8CZ0251.004.005.2	16A/5P(4P) Box Cover	AB	2015-12-28
8CZ0251.003.003.1	16A/3P Coupler type enclosure	AB	2015-12-28
8CZ0251.003.005.1	16A/5P(4P) Coupler type enclosure	AB	2015-12-28
8CZ0251.004.003.4 8CZ0251.004.004.1 8CZ0251.004.005.6 8CZ0251.003.003.2 8CZ0251.003.004.1 8CZ0251.003.005.2 8CZ0251.007.003.17 8CZ0251.007.004.6 8CZ0251.007.005.11	16A Plugs and sockets nameplate	AB	2015-12-28
8CZ0251.004.002.1 8CZ0251.003.002.1 8CZ0251.007.002.5	16A/2P Plugs and sockets nameplate	AA	2015-12-28

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue (Replace DNV 10 ATEX 86579)	2016-10-12	2011-3017, Rev. 02

END OF CERTIFICATE