



EU-TYPE EXAMINATION CERTIFICATE

1)

2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU

3) EU-Type Examination Certificate Number : **SCA21ATEX117X/Rev.01** (for revision details see Cl.20)

4) Equipment or Protective System : **Junction Box**, TYPES: **ZNJ.□.□.□ series** (The type description is in the schedule)

5) Manufacturer : **ZONE Elektrik Mak. Müh. İmalat San. Tic. Ltd. Şti.**

6) Manufacturer Address : Çerkeşli OSB Mah. IMES-19 Cad. No:15 Dilovası-Kocaeli/TÜRKİYE

7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.

8) SCA Belgelendirme ve Özel Egt. Hizm. Ltd. Sti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.

* The examination and test results are recorded in the confidential report B/2026-03-046/04/Rp.02

9) Essential Health and Safety Requirements is made about reference standard.

EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2024

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

11) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.

12) Marking of the equipment or protective system must include the following :



II 2G Ex db IIB T6 Gb

II 2D Ex tb IIIC T80°C Db

 Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU



Date of Approval : 17.06.2026

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Şti.
Küçükçiftlik Mah. 8785/1 Sokak No:17 Çiğli -İZMİR / TÜRKİYE
Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17
www.scaatex.com e-mail: info@scaatex.com

This Certificate May Only Be Reproduced In Its Entirety And Without Change



13) SCHEDULE

14) EU-Type Examination Certificate: SCA21ATEX117X/Rev.01

15) Description of Equipment and/or Protective System:

ZNJ.□.□.□ series junction boxes consist of an aluminium alloy body and cover. The terminals are mounted inside a flameproof enclosure.

Technical Parameters

Rated voltage of terminals	: Max. 500 V
Rated frequency	: 50/60 Hz
Rated current of terminals	: Max. 20 A
Rated cross section of terminals	: 2,5 mm ²
Current density of terminals and cables wiring	: 8 A/mm ²
Degree of protection of enclosures	: IP66
Ambient temperature	: -20 °C to +55 °C

Identification of Type Codes

ZNJ . □ . □ . □

Type of hole thread	<u>12</u> - 1/2" NPT <u>34</u> - 3/4" NPT										
Number of ways	<u>1, 2, 3, 4, 5, 6, 7, 8</u> ZNJ.65 - Only 2 holes ZNJ.105 - 2, 3, 4 holes ZNJ.150 - 1, 2, 3, 4, 5, 6, 7, 8 holes										
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CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA21ATEX117X/Rev.01

16) **Test and Assessment Report** : B/2026-03-046/04/Rp.02

17) **Special Conditions for Safe Use (X):**

i. The cable glands used for cable entries and plugs for unused holes on equipment must have meet the requirements specified in this certificate and user manual. (group, category, gas/dust group, IP, entry size etc.)

18) **Essential Health and safety Requirements :**

Met by compliance with the standards listed in Section 9 of this certificate.

19) **Drawing and Documents :**

Technical file ZN-J-21/Rev.01 dated 10.01.2026 includes drawings, safety, maintenance and mounting instructions.

Drawing No	Title	Pages	Rev.	Date
Z-01NJ-1-01	General assembly	1	00	01.02.2021
Z-01NJ-1-02	Dimensions	1	00	01.02.2021
Z-01NJ-1-03	ZNJ.65.X body	1	00	01.02.2021
Z-01NJ-1-04	ZNJ.65.X cover	1	00	01.02.2021
Z-01NJ-1-05	ZNJ.105.X body	1	00	01.02.2021
Z-01NJ-1-06	ZNJ.105.X cover	1	00	01.02.2021
Z-01NJ-1-07	ZNJ.150.X body	1	00	01.02.2021
Z-01NJ-1-08	ZNJ.150.X cover	1	00	01.02.2021
Z-01NJ-1-09	ZNJ.105T.X body	1	00	01.02.2021
Z-01NJ-1-10	ZNJ.105T.X cover	1	00	01.02.2021

20) **Certificate History :**

Revision Number	Publication Date	Explanation
Rev.00	01.09.2021	First Publication
Rev.01	17.06.2026	Published for the address and identification of type code change and updating with EN 60079-31:2024.

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Signed

The competent person
SCA Technical Manager
Emre KOCUKLU

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