




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 : **SCA24ATEX227X**
- 4) Equipment or Protective System : **Junction Boxes**, TYPES: **ZNJP series** (The type description is in the schedule)
- 5) Manufacturer : **ZONE Elektrik Mak. Müh. İmalat San. Tic. Ltd. Şti.**
- 6) Manufacturer Address : **Şekerpınar Mahallesi, Anadolu Cad. NO:8/A Çayırova - Kocaeli/TURKEY**
- 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/2023-06-081/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standard.
EN IEC 60079-0:2018, EN IEC 60079-7:2015/A1:2018, EN 60079-31:2014
- 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 eb IIC T6 Gb**
II 2D Ex tb IIIC T80°C Db

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU



Date of Approval : 04.04.2024



13) SCHEDULE

14) EU-Type Examination Certificate : SCA24ATEX227X

15) Description of Equipment and/or Protective System:

ZNJP series junction boxes are made of glass reinforced polyamide (Ravamid® B GF 30 T BK branded) body and cover. EPDM gasket is placed between the body and the cover. The junction box is equipped with ATEX certified rail mounted terminals.

Technical Parameters

| | |
|--------------------------|--|
| Rated current | : 12A, 20A, 25A |
| Max. voltage | : 500 VAC |
| Max. number of terminals | : 10 |
| Cable entries | : Max. 8 entries for M20 size, max. 6 entries for M25 size |
| Degree of protection | : IP 66 |
| Ambient temperature | : -20°C to +55°C |

Ex Equipment List

| Equipment | Manufacturer | Ex Marking | Certificate No |
|----------------|---------------------------------------|-----------------------|----------------|
| Terminal block | WAGO GmbH & Co. KG | Ex II 2G Ex eb IIC Gb | PTB18ATEX1005U |
| and/or | | | |
| Terminal block | ONKA Elektrik Malz. San. ve Tic. A.Ş. | Ex II 2G Ex eb IIC Gb | IEP15ATEX0323U |

Identification of Type Codes

ZNJP . 120 . . .

| | |
|----------------------------|--------------------------------------|
| Voltage or Current | 12A, 20A, 25A |
| Number of terminals | 2, 3, 4, 5, 6, 7, 8, 9, 10 |
| Number/size of cable gland | <u>20</u> for M20, <u>25</u> for M25 |

1, 2, 3, 4, 5, 6, 7, 8

Note: Max. 6 entries allowed for M25 size

16) Test and Assessment Report B/2023-06-081/Rp.02

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SCA Technical Manager
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CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEX227X

17) Special Conditions for Safe Use (X):

- 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.)
- Special Conditions for Safe Use may apply to the terminals fitted in these junction boxes, the user shall therefore comply with any conditions that have been identified by manufacturer.
- Resistance to ultraviolet (UV) test is not carried out. The equipment shall be protected from daylight or/and light from luminaires

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-JP-23/Rev.00 dated 10.06.2023 includes drawings, safety, maintenance and mounting instructions.

| Drawing No: | Title | Pages | Rev. | Date |
|---------------|------------------|-------|------|------------|
| Z-01NJP-1-001 | General Assembly | 1 | 00 | 21.05.2023 |
| Z-01NJP-1-002 | Body | 1 | 00 | 21.05.2023 |
| Z-01NJP-1-003 | Cover | 1 | 00 | 21.05.2023 |
| Z-01NJP-1-004 | Rail and gasket | 1 | 00 | 21.05.2023 |

.....END OF CERTIFICATE.....

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 04.04.2024