



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 : **SCA22ATEX167U/Rev.01** (for revision details see Cl.20)
- 4) Equipment or Protective System : **Signal and Control Operators**, TYPE: **ZNEQ.□.□.□.□ 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. Şti. 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/2026-03-046/05/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) The sign “U” placed after the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This Component Certificate only serves as a basis for the issuing of certificates for equipment or protective systems.
- 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+H₂ Gb
II 2D Ex tb IIIC 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.
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This Certificate May Only Be Reproduced In Its Entirety And Without Change



13) SCHEDULE

14) EU-Type Examination Certificate : SCA22ATEX167U/Rev.01

15) Description of Equipment and/or Protective System:

ZNEQ.□.□.□.□ series signal and control operators designed for mounting on certified flameproof ("d" protection type) enclosures. The body of operators made of brass.

Technical Parameters

Rated Voltage : 24 V, 220 V, 380 V
Frequency : 50/60 Hz
Rated Current : 16 A ~ 63 A
Thread Size : 1/2" Whitworth (ISO 228)
Degree of protection : IP65
Ambient temperature : -20 °C to +55 °C

Identification of Type Codes

ZNEQ . □ . □ . □ . □

Phase for Switches

Voltage or Current

Detail

Type

1P - Monophase, 2P - Monophase+Neutral

3P - Triphase, 4P - Triphase+Neutral

24 - 24 VDC, 220 - 220 VAC for Signal Lamps

16 A, 25 A, 32 A, 40 A, 63 A for Switches (220 VAC or 380 VAC)

R - red, G - green, Y - yellow, B - blue for Signal Lamps

01 - 0-1 On-Off, 012 - 0-1-2 Commutator,
102 - 1-0-2 Pole Changer, X1 - Y-0-Δ Star-Delta,
X2 - 0-1 Safety Maintenance Switch for Switches

10K for Potentiometer

01 for Start Button

05 for Signal Lamp

02 for Stop Button

06 for Switch

03 for Emergency Button

07 for Potentiometer

04 for Mushroom Push Button

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CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA22ATEX167U/Rev.01

16) **Test and Assessment Report** : B/2026-03-046/05/Rp.02

17) **Schedule of Limitations (U):**

i. Tamb: -20 °C to +55 °C

ii. The signal and control operators shall only be used with enclosures that have a reference pressure of max. 6.96 bar. The signal and control operators should be assembled in according to instructions in user manual and relevant standards.

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-EQ-22/Rev.01 dated 10.01.2026 includes drawings, safety, maintenance and mounting instructions.

Drawing No	Title	Pages	Rev.	Date
Z-01NEQ-1-001	General Drawing of operators	1	00	17.10.2021
Z-01NEQ-1-002	Start/stop button assembly	1	00	17.10.2021
Z-01NEQ-1-003	Parts of start/stop button	1	00	17.10.2021
Z-01NEQ-1-004	Signal lamp assembly	1	00	17.10.2021
Z-01NEQ-1-005	Parts of signal lamp	1	00	17.10.2021
Z-01NEQ-1-006	Emergency button assembly	1	00	25.10.2021
Z-01NEQ-1-007	Parts of emergency button	1	00	25.10.2021
Z-01NEQ-1-008	Switch assembly	1	00	01.11.2021
Z-01NEQ-1-009	Parts of switch	1	00	01.11.2021
Z-01NEQ-1-010	Potentiometer assembly	1	00	01.11.2021
Z-01NEQ-1-011	Parts of potentiometer	1	00	01.11.2021

20) **Certificate History :**

Revision Number	Publication Date	Explanation
Rev.00	20.12.2022	First Publication
Rev.01	17.06.2026	Published for the address and identification of type code change and updating with EN 60079-31:2024.

 Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU

Date of Approval : 17.06.2026