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# **EU-TYPE EXAMINATION CERTIFICATE**

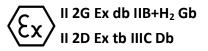
- 2) Equipment or protective system intended for use in potentially explosive atmospheres Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : SCA22ATEX167U
- 4) Equipment or Protective System : Signal and Control Operators TYPE: ZNEQ.01, ZNEQ.02, ZNEQ.03, ZNEQ.04, ZNEQ.05, ZNEQ.06, ZNEQ.07
- 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 Ozel 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/2022-04-102/Rp.02

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

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

- 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 :



The competent person SCA Technical Manager İsmail OĞLAKCIOĞLU



Date of Approval : 20.12.2022

SCA Belgelendirme ve Ozel Egitim Hizmetleri Ltd. Sti.

Halkapınar Mh. Pakistan Blv. 1203.Sokak No:13 Onuk Plaza K:9 D:909 Konak-IZMIR / TURKEY Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17

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## 13) SCHEDULE

## 14) EU-Type Examination Certificate : SCA22ATEX167U

## 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	: 24V, 220V, 380V					
Frequency	: 50/60 Hz					
Rated Current	: 16A ~ 63A					
Thread Size	: 1/2" Whitworth (ISO 228)					
Degree of protection	: IP 65					
Ambient temperature : -20°C to +55 °C						
Identification of Type Codes						
	Voltage or Current	24V, 220V or 380V				
		16A, 25A, 32A or 63A				
	Detail	<u>R</u> for red, <u>G</u> for green, <u>Y</u> for yellow				
		<u>01</u> for 0-1				
		<u>012</u> for 0-1-2				
		<u>102</u> for 1-0-2				
	Туре	01 for Start Button				
		02 for Stop Button				
		<u>03</u> for Emergency Button				
		04 for Mushroom Push Button				
		<u>05</u> for Signal Lamp				
		<u>06</u> for Switch				
		07 for Potentiometer				

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## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA22ATEX167U

### 16) Test and Assessment Report B/2022-04-102/Rp.02

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

Tamb: -20°C to +55°C

-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.00 dated 01.05.2022 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

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

The competent person SCA Technical Manager İsmail OĞLAKCIOĞLU

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