

# CERTIFICATE

## of constancy of performance

### 1922 - CPR - 1092

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

**Fire detection and fire alarm systems. Fire alarm devices. Sounders.**  
**Addressable fire alarm sounder without flasher, model M.U.YAN.00027**

(with the performance listed, see Annex I to 1922-CPR-1092 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

**NETELSAN ELEKTRİK ELEKTRONİK SİS.SAN.TİC. A.Ş.**

**ASO 1.Organize Sanayi Bölgesi Karakoyunlu Cad. no:4 Sincan, Ankara, Turkey**

and produced in the manufacturing plant of

**NETELSAN ELEKTRİK ELEKTRONİK SİS.SAN.TİC. A.Ş.**

**ASO 1.Organize Sanayi Bölgesi Karakoyunlu Cad. no:4 Sincan, Ankara, Turkey**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 24.01.2019 and will remain valid until 24.01.2022 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address [www.dedal-bg.net](http://www.dedal-bg.net).



Embossed stamp of "Dedal - A&C" Ltd.



Manager:

*Anna Vasileva*

Issued:  
Burgas, 22 January 2021



dipl. eng. Anna Vasileva

## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1092/22.01.2021 (page 1 of 1)

Performance list, acc. to EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006

Characteristics	Performance	Clause
<b>Performance parameters under fire conditions</b>		
- Sound level	Pass	4.2
- Frequencies and sound pattern	Pass	4.3
- Reproducibility	Pass	5.2
- Operational performance	Pass	5.3
- Attention drawing signal and message broadcast sequences	N/A	C.3.1
- Synchronisation	N/A	C.3.2
- Broadcast message performance	N/A	C.5.1
- Attention drawing signal/silence/message sequence timing	N/A	C.5.2
- Message synchronisation testing	N/A	C.5.3
<b>Operational reliability</b>		
- Durability	Pass	4.4
- Construction	Pass	4.5
- Marking and data	Pass	4.6
- Durability	Pass	5.4
- General testing	N/A	C.4
<b>Durability of operational reliability, temperature resistance</b>		
- Dry heat (operational)	Pass	5.5
- Dry heat (endurance)	N/A	5.6
- Cold (operational)	Pass	5.7
- Damp heat, cyclic (operational)	Pass	5.8
- Damp heat, steady state (endurance)	Pass	5.9
<b>Durability of operational reliability, humidity resistance</b>		
- Damp heat, cyclic (operational)	Pass	5.8
- Damp heat, steady state (endurance)	Pass	5.9
- Damp heat, cyclic (endurance)	N/A	5.10
<b>Durability of operational reliability, corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	5.11
<b>Durability of operational reliability, shock and vibration resistance</b>		
- Shock (operational)	Pass	5.12
- Impact (operational)	Pass	5.13
- Vibration, sinusoidal (operational)	Pass	5.14
- Vibration, sinusoidal (endurance)	Pass	5.15
<b>Durability of operational reliability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.16
<b>Durability of operational reliability, resistance to ingress</b>		
- Enclosure protection	Pass	5.17



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