

CERTIFICATE

of constancy of performance

1922 - CPR - 1096

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. Heat detectors. Smoke detectors. Point detectors using scattered light, transmitted light or ionization. Addressable multi detector, model M.U.YAN.00024

(with the performance listed, see Annex I and Annex II to 1922-CPR-1096 that are 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 standards

EN 54-5:2000; EN 54-5:2000/A1:2002 and EN 54-7:2000; EN 54-7:2000/A1:2002; EN 54-7:2000/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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.



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Manager:

Anna Vasileva

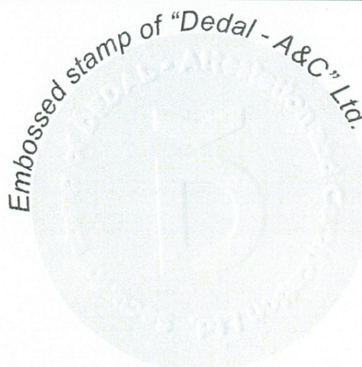
Issued:
Burgas, 22 January 2021

dipl. eng. Anna Vasileva

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1096/ 22.01.2021

Performance list, acc. to EN 54-5:2000; EN 54-5:2000/A1:2002

Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- Classification	Class A1, Pass	4.2
- Position of heat sensitive element	Pass	4.3
- Directional dependence	Pass	5.2
- Static response temperature	Pass	5.3
- Response times from typical application temperature	Pass	5.4
- Response times from 25 °C	N/A	5.5
- Response times from high ambient temperature	Pass	5.6
- Reproducibility	Pass	5.8
- Additional test for suffix S detectors	N/A	6.1
- Additional test for suffix R detectors	N/A	6.2
Operational reliability		
- Individual alarm indication	Pass	4.4
- Connection of ancillary devices	Pass	4.5
- Monitoring of detachable detectors	Pass	4.6
- Manufacturer's adjustments	Pass	4.7
- On-site adjustment of response behaviour	N/A	4.8
- Marking	Pass	4.9
- Data	Pass	4.10
- Additional requirements for software controlled detectors	Pass	4.11
Tolerance to supply voltage		
- Variation in supply parameters	N/A	5.7
Durability of operational reliability and response delay, temperature resistance		
- Cold (operational)	Pass	5.9
- Dry heat (endurance)	N/A	5.10
Durability of operational reliability, vibration resistance		
- Shock (operational)	Pass	5.14
- Impact (operational)	Pass	5.15
- Vibration, sinusoidal (operational)	Pass	5.16
- Vibration, sinusoidal (endurance)	Pass	5.17
Durability of operational reliability, humidity resistance		
- Damp heat, cyclic (operational)	Pass	5.11
- Damp heat, steady state (endurance)	Pass	5.12
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.13
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.18



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ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1096/ 22.01.2021

Performance list, acc. to EN 54-7:2000, EN 54-7:2000/A1:2002; EN 54-7:2000/A2:2006;

Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- Response to slowly developing fires	N/A	4.8
- Repeatability	Pass	5.2
- Directional dependence	Pass	5.3
- Reproducibility	Pass	5.4
- Air movement	Pass	5.6
- Dazzling	Pass	5.7
- Fire sensitivity	Pass	5.18
Operational reliability		
- Individual alarm indication	Pass	4.2
- Connection of ancillary devices	Pass	4.3
- Monitoring of detachable detectors	Pass	4.4
- Manufacturer's adjustments	Pass	4.5
- On-site adjustment of response behaviour	N/A	4.6
- Protection against the ingress of foreign bodies	Pass	4.7
- Marking	Pass	4.9
- Data	Pass	4.10
- Additional requirements for software controlled detectors	Pass	4.11
Tolerance to supply voltage		
- Variation in supply parameters	N/A	5.5
Durability of operational reliability and response delay, temperature resistance		
- Dry heat (operational)	Pass	5.8
- Cold (operational)	Pass	5.9
Durability of operational reliability, vibration resistance		
- Shock (operational)	Pass	5.13
- Impact (operational)	Pass	5.14
- Vibration, sinusoidal (operational)	Pass	5.15
- Vibration, sinusoidal (endurance)	Pass	5.16
Durability of operational reliability, humidity resistance		
- Damp heat, steady state (operational)	Pass	5.10
- Damp heat, steady state (endurance)	Pass	5.11
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.12
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility (EMC), immunity operational	Pass	5.17



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