Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8230 Nesebar
Mladost #50

CERTIFICATE

of constancy of performance

1922 - CPR - 1785

In compliance with Regulation (EU) 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 product

Fire detection and fire alarm systems. Fire alarm devices. Sounders. Visual alarm devices.
BS-531/1 Fire alarm visual and sounder devices

(For list of controlled characteristics, see Annex I and Annex II to 1922 - CPR - 1785 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

Olympia Electronics N. Lakasas - P. Arvanitidis S.A
72nd km old highway Thessaloniki- Katerini, P.O. 60300, Eginio, Pieria, Greece

and produced in the manufacturing plant

Olympia Electronics N. Lakasas - P. Arvanitidis S.A
72nd km old highway Thessaloniki- Katerini, P.O. 60300, Eginio, Pieria, Greece

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

EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006; EN 54-23:2010

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 23.05.2022 and will remain valid until 23.05.2026 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.

CE

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

ИА "БСА"
Рег. № 12 ОСП
ОРГАН ПО СЕРТИФИКАЦИЯ НА ПРОДУКТИ
EA BAS is an EA MLA signatory

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

Dedal Attestation & Certification

Manager: Вашилева
dipl. eng. Anna Vasileva

Issued:
Burgas, 23 May 2023

Ref. No. 02-00

Dedal Attestation & Certification

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Bulgaria, 8230 Nesebar
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ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1785/ 23.05.2023

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

Essential Characteristics	Performance	Clause
Performance parameters under fire conditions		
- *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 synchronization testing*	N/A	C.5.3
Operational reliability		
- *Durability*	Pass	4.4
- *Construction*	Pass	4.5
- *Marking and data*	Pass	4.6
- *Durability*	Pass	5.4
- *General testing*	N/A	C.4
Durability of operational reliability, temperature resistance		
- *Dry heat (operational)*	Pass	5.5
- *Dry heat (endurance)*	Pass	5.6
- *Cold (operational)*	Pass	5.7
- *Damp heat, cyclic (operational)*	Pass	5.8
- *Damp heat, steady state (endurance)*	Pass	5.9
Durability of operational reliability, humidity resistance		
- *Damp heat, cyclic (operational)*	Pass	5.8
- *Damp heat, steady state (endurance)*	Pass	5.9
- *Damp heat, cyclic (endurance)*	Pass	5.10
Durability of operational reliability, corrosion resistance		
- *Sulphur dioxide (SO2) corrosion (endurance)*	Pass	5.11
Durability of operational reliability, shock and vibration resistance		
- *Shock (operational)*	Pass	5.12
- *Impact (operational)*	Pass	5.13
- *Vibration, sinusoidal (operational)*	Pass	5.14
- *Vibration, sinusoidal (endurance)*	Pass	5.15
Durability, electrical stability		
- *Electromagnetic compatibility (EMC), immunity (operational)*	Pass	5.16
Durability of operational reliability, resistance to ingress		
- *Enclosure protection*	Pass	5.17

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ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1785/ 23.05.2023

Performance list, acc. to EN 54-23:2010

Essential Characteristics	Performance	Clause
Operational reliability		
- *Duration of operation*	Pass	4.2.1
- *Provision for external conductors*	Pass	4.2.2
- *Flammability of materials*	Pass	4.2.3
- *Enclosure protection*	Pass	4.2.4
- *Access*	Pass	4.2.5
- *Manufacturer's adjustments*	Pass	4.2.6
- *On-site adjustment of behavior*	N/A	4.2.7
- *Requirements for software controlled devices*	Pass	4.2.8
Performance parameters under fire conditions		
- *Coverage volume*	Pass	4.3.1
- *Variation of light output*	Pass	4.3.2
- *Minimum and maximum light intensity*	Pass	4.3.3
- *Light colour*	Pass	4.3.4
- *Light pattern and frequency of flashing*	Pass	4.3.5
- *Marking and data*	Pass	4.3.6
- *Synchronisation*	N/A	4.3.7
Durability, temperature resistance		
- *Dry heat (operational)*	Pass	4.4.1.1
- *Dry heat (endurance)*	Pass	4.4.1.2
- *Cold (operational)*	Pass	4.4.1.3
Durability, humidity resistance		
- *Damp heat, cyclic (operational)*	Pass	4.4.2.1
- *Damp heat, steady state (endurance)*	Pass	4.4.2.2
- *Damp heat, cyclic (endurance)*	Pass	4.4.2.3
Durability, shock and vibration resistance		
- *Shock (operational)*	Pass	4.4.3.1
- *Impact (operational)*	Pass	4.4.3.2
- *Vibration, sinusoidal (operational)*	Pass	4.4.3.3
- *Vibration, sinusoidal (endurance)*	Pass	4.4.3.4
Durability of operational reliability, corrosion resistance		
- *Sulphur dioxide (SO2) corrosion (endurance)*	Pass	4.4.4
Durability, electrical stability		
- *Electromagnetic compatibility (EMC), immunity (operational)*	Pass	4.4.5

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