

CERTIFICATE

of constancy of performance

1922 - CPR - 1788

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. Input/output devices.
Model: BSR-8020/WP Waterproof Addressable input-output unit

(For list of controlled characteristics, see Annex I to 1922 - CPR - 1788 that is 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 standard

EN 54-18:2005, EN 54-18:2005/AC:2007

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 23.05.2023 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.



Manager:

Anna Vasileva



dipl. eng. Anna Vasileva

Issued:
Burgas, 23 May 2022

Ref. No. 01-00

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1788/ 23.05.2022


Performance list, acc. to EN 54-18:2005, EN 54-18:2005/AC:2007

| Essential Characteristics | Performance | Clause |
|--|-------------|--------|
| Response delay (response time) | | |
| - Performance and variation of supply parameters | Pass | 5.2 |
| Performance under fire conditions | | |
| - Functional test | Pass | 5.1.4 |
| Operational reliability | | |
| - Functional test | Pass | 5.1.4 |
| Durability of operational reliability, temperature resistance | | |
| - Dry heat (operational) | Pass | 5.3 |
| - Cold (operational) | Pass | 5.4 |
| Durability of operational reliability, vibration resistance | | |
| - Shock (operational) | Pass | 5.8 |
| - Impact (operational) | Pass | 5.9 |
| - Vibration, sinusoidal (operational) | Pass | 5.10 |
| - Vibration, sinusoidal (endurance) | Pass | 5.11 |
| Durability of operational reliability, humidity resistance | | |
| - Damp heat, cyclic (operational) | Pass | 5.5 |
| - Damp heat, steady state (endurance) | Pass | 5.6 |
| Durability of operational reliability, corrosion resistance | | |
| - Sulphur dioxide (SO ₂) corrosion (endurance) | Pass | 5.7 |
| Durability of operational reliability, electrical stability | | |
| - Performance and variation of supply parameters | Pass | 5.2 |
| - Electromagnetic compatibility (EMC), immunity tests | Pass | 5.12 |



Attestation & Certification

Manager: *Anna Vasileva*

 dipl. eng. Anna Vasileva

Issued:
Burgas, 23 May 2022

Ref. No. 01-00