

CERTIFICATE

of constancy of performance 1922 - CPR - 0432

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 - AS1224, Efire-ES AS1224-LED, AS220, AS220-LED

(For list of controlled characteristics, see Annex 1 to 1922 - CPR - 0432 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Eleks Elektrik Elektronik Sistemler San. Ve Tic.Ltd.Şti.

Şerifali Mah. Bayraktar Bulvarı. Emin Sok. No: 3 34775 Yukarı

Dudullu/Ümraniye, İstanbul, Turkey

and produced in the manufacturing plant of

Eleks Elektrik Elektronik Sistemler San. Ve Tic.Ltd.Şti.

Şerifali Mah. Bayraktar Bulvarı. Emin Sok. No: 3 34775 Yukarı

Dudullu/Ümraniye, İstanbul, 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 24.03.2015 and will remain valid until 03.02.2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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:



arch. Galina Vasileva

ANNEX I TO CERTIFICATE OF CONFORMITY OF CONSTANCY OF PERFORMANCE 1922-CPR-0432/ 18.01.2017

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
Operational reliability		
- Durability	pass	4.4
- Construction	pass	4.5
- Marking and data	pass	4.6
- Durability	pass	5.4
Durability of operational reliability, temperature resistance		
- Dry heat (operational)	pass	5.5
- Dry heat (endurance)	NPD	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)	NPD	5.10
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO ₂) 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



Manager:



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