

CERTIFICATE

of constancy of performance

1922 - CPR - 0942

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.

Visual alarm devices. tekrim TFS-3193R Conventional Fire Alarm Strobe

(For list of controlled characteristics, see Annex I to 1922 - CPR - 0942 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

Bilgi Elektronik San. ve Tic. A.Ş.

**Dudullu Organize Sanayi Bölgesi 1. Cadde İsmet Tarman İş Merkezi No:1, Kat:2
No.32 Ümraniye, İstanbul, Turkey**

and produced in the manufacturing plant

Bilgi Elektronik San. ve Tic. A.Ş.

**Dudullu Organize Sanayi Bölgesi 1. Cadde İsmet Tarman İş Merkezi No:1, Kat:2
No.32 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 54-23:2010

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 06.12.2017 and will remain valid until 06.12.2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.



Issued:
Burgas, 06 December 2017

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

Manager:


Dedal
Attestation &
Certification

arch. Galina Vasileva

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-0942/ 06.12.2017

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 (W-2,4-4)	4.3.1
- Variation of light output	pass	4.3.2
- Minimum and maximum light intensity	pass	4.3.3
- Light color	pass	4.3.4
- Light pattern and frequency of flashing	pass	4.3.5
- Marking and data	pass	4.3.6
- Synchronization	N/A	4.3.7
Durability, temperature resistance		
- Dry heat (operational)	pass	4.4.1.1
- Dry heat (endurance)	N/A	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)	N/A	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, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	pass	4.4.4
Durability, electrical stability		
- Electromagnetic compatibility (EMC), immunity (operational)	pass	4.4.5



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