

Notified Body pursuant to the Construction Products Regulation
Permission № CPR-26-NB2765/03.05.2018 of
Ministry of Regional Development and Public Works

Certificate of Constancy of Performance № 2765-CPR-0099

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 – Heat detectors. Point detectors. Smoke detectors

(Point detectors using scattered light, transmitted light or ionization; Trade names of the products: Efire-ECD; Efire-ECD-RL and Nova-ACD-N)

(the characteristics and the performances are described in Annex I which is an inseparable part of this certificate)

placed on the market under the name of

ELEKS Elektrik Elektronik Sistemler San. Ve Tic. A.Ş.
Şerifali Mah. Bayraktar Bulvarı. Emin Sok. No:3 34775 Yukarı Dudullu/Ümraniye,
İstanbul, Turkey

and produced in the manufacturing plant

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 54-5:2000; EN 54-5:2000/A1:2002
EN 54-7:2000; EN 54-7:2000/A2:2006; EN 54-7:2000/A1:2002

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 25.01.2019 and will remain valid until 25.01.2027 or neither the harmonised standard, the construction product, the assessment and verification of constancy of performance methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

25.01.2024

Manager of SZUTEST Ltd

Asen Hristov

The validity of certificate can be traced on <http://public.szutest.com.tr/Certificate/Index>

The certificate will be validated each year after an annual surveillance audit

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Annex I

Product: Heat detectors. Point detectors. Smoke detectors

Intended use: fire safety

Trade names of the products: Efire-ECD; Efire-ECD-RL and Nova-ACD-N

Performance Characteristics:

Essential Characteristics	Performance	Harmonized standard
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions		EN 54-5:2000 EN 54-5:2000/A1:2002 EN 54-7:2000 EN 54-7:2000/A2:2006 EN 54-7:2000/A1:2002
Classification	A2	
Position of heat sensitive element	Pass	
Directional dependence	Pass	
Static response temperature	Pass	
Response times from typical application temperature	Pass	
Response times from 25 °C	NPD	
Response times from high ambient temperature	Pass	
Reproducibility	Pass	
Additional test for suffix S detectors	NPD	
Additional test for suffix R detectors	NPD	
Response to slowly developing fires	Pass	
Operational reliability		
Individual alarm indication	Pass	
Connection of ancillary devices	Pass	
Monitoring of detachable detectors	Pass	
Manufacturer's adjustments	Pass	
On-site adjustment of response behaviour	NPD	
Protection against the ingress of foreign bodies	Pass	
Marking	Pass	
Data	Pass	
Additional requirements for software controlled detectors	NPD	
Repeatability	Pass	
Directional dependence	Pass	
Reproducibility	Pass	
Air movement	Pass	
Dazzling	Pass	
Fire sensitivity	Pass	

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Annex I - Continued

Tolerance to supply voltage	Pass	EN 54-5:2000 EN 54-5:2000/A1:2002 EN 54-7:2000 EN 54-7:2000/A2:2006 EN 54-7:2000/A1:2002
Durability of operational reliability and response delay, temperature resistance		
Cold (Operational)	Pass	
Dry heat (Endurance)	NPD	
Dry heat (Operational)	Pass	
Durability of operational reliability, vibration resistance	Pass	
Durability of operational reliability, humidity resistance	Pass	
Durability of operational reliability, corrosion resistance	Pass	
Durability of operational reliability, electrical stability	Pass	

Placed on the market under the name of: ELEKS Elektrik Elektronik Sistemler San. Ve Tic. A.Ş.

Produced in the manufacturing plant: Şerifali Mah. Bayraktar Bulvarı. Emin Sok. No:3 34775 Yukarı Dudullu/Ümraniye, İstanbul, Turkey

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