



Declaration of Performance

No: ELEKS-002.00

305/2011/EU Construction Products Regulation

- 1. Unique identification code of the product type:** Fire detection and fire alarm system. Control and indicating equipment power supply equipment EFIRE-ECP
 - a. Accessories :** E-ZM-4, E-NW-485, E-Z-RL-4, E-P-RL-8, E-SM, Efire-ECP-RP, E-RP-ZM-4
- 2. Intended use or uses for construction product:** Fire Alarm
- 3. Manufacturer:** ELEKS ELEKTRİK ELEKTRONİK SİS. SAN. ve TİC. LTD.ŞTİ.
- 4. Contact address of the manufacturer:** Şerifali Mah. Bayraktar Bulvarı Emin Sok. No: 3 Y.Dudullu – Ümraniye 34775/ İSTANBUL
- 5. Assessment systems and verification for constancy of performance:** EN 54-2 Annex ZA, EN 54-4 Annex ZA ; System 1
- 6. Harmonised Standard:** EN 54-2:1997 /A1:2006 /AC:1999 & EN 54-4:1997 /A1:2002 /A2:2006 /AC:1999
- 7. Notified Body:** Dedal Attestation & Certification(NB:1922) Certificate Nr: 1922-CPR-0434
- 8. Declared Performance:**

Performance Characteristics	Test Standard	Performance	Harmonised technical specification
Performance under fire conditions			EN 54-2:1997; EN 54-2:1997 /A1:2006; EN 54-2:1997 /AC:1999 & EN 54-4:1997; EN 54-4:1997 /A1:2002; EN 54-4:1997 /A2:2006; EN 54-4:1997 /AC:1999
General requirements	EN 54-2/Art 4	Pass	
General requirements for indications	EN 54-2/Art 5	Pass	
The fire alarm condition	EN 54-2/Art 7	Pass	
Response delay (response time to fire)			
Reception and processing of the signal	EN 54-2/Art 7.1	Pass	
Output of the fire alarm condition	EN 54-2/Art 7.7	Pass	
Delay to outputs	EN 54-2/Art 7.11	Pass	
Dependencies on more than one alarm signal	EN 54-2/Art 7.12	Pass	
Operational reliability			
General requirements	EN 54-2/Art 4	Pass	
General requirementst for indications	EN 54-2/Art 5	Pass	
The quiescent condition	EN 54-2/Art 6	Pass	
The fire alarm condition	EN 54-2/Art 7	Pass	
Fault warning condition	EN 54-2/Art 8	Pass	
Disabled condition	EN 54-2/Art 9	Pass	
Standardized input/output interface	EN 54-2/Art 11	Pass	
Design requirements	EN 54-2/Art 12	Pass	
Additional design requirements for software controlled control and indicating equipments	EN 54-2/Art 13	Pass	
Marking	EN 54-2/Art 14	Pass	
Durability of operational reliability, temperature resistance			
Cold (Operational)	EN 54-2/Art 15.4 EN 60068-2-1	Pass	
Durability of Operational reliability, vibration resistance			
Impact (Operational)	EN 54-2/Art 15.6 EN 60068-2-75	Pass	



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Vibration, Sinusoidal (Operational)	EN 54-2/Art 15.7 EN 60068-2-6	Pass
Vibration, Sinusoidal (endurance)	EN 54-2/Art 15.15 EN 60068-2-6	Pass
Durability of operational reliability electrical stability		
Electromagnetic compability (EMC), immunity test (operational)	EN 54-2/Art 15.8 EN 61000-4-2	Pass
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	EN 54-2/Art 15.5 EN 60068-2-3	Pass
Damp heat, steady state (endurance)	EN 54-2/Art 15.14 EN 60068-2-3	Pass
Performance of power supply		
General requirements	EN 54-4/Art 4	Pass
Functions	EN 54-4/Art 5	Pass
Materials, desing and manufacture	EN 54-4/Art 6	Pass
Operational reliability		
General requirements	EN 54-4/Art 4	Pass
Functions	EN 54-4/Art 5	Pass
Materials, design and manufacture	EN 54-4/Art 6	Pass
Durability of operational reliability, temperature resistance		
Cold (operational)	EN 54-4/Art 9.5 EN 60068-2-1	Pass
Durability of operatioal reliability, vibration resistance		
Impact (Operational)	EN 54-4/Art 9.7 EN 60068-2-75	Pass
Vibration, Sinusoidal (Operational)	EN 54-4/Art 9.8 EN 60068-2-6	Pass
Vibration, Sinusoidal (endurance)	EN 54-4/Art 9.15 EN 60068-2-6	Pass
Durability of operational reliability electrical stability		
Electromagnetic compability (EMC), immunity test (operational)	EN 54-4/Art 9.9 EN 61000-4-2	Pass
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	EN 54-4/Art 9.6 EN 60068-2-3	Pass
Damp heat, steady state (endurance)	EN 54-4/Art 9.14 EN 60068-2-3	Pass

9. The building material upside includes declared performance/s. The performance which is arranged in accordance with The Regulation of Building Materials (305/2011/AB) is only under the responsibility of manufacturer defined as upside.

Signed for and on behalf of the manufacturer by

Authorised:

Ak Muret ERKAN

Position:

Place / Date:

05/05/2016

Signature / Stamp:



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