



Notified body N° 0370



CERTIFICATE

No.

0370-CPR-2315

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU 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:

- **PART 2:** CONTROL AND INDICATING EQUIPMENT.
- **PART 4:** POWER SUPPLY EQUIPMENT.

MODEL: **KA316 / K8 / K4**

Produced by:

KOD ELEKTRONİK GÜVENLİK SİSTEMLERİ SAN. VE TIC. LTD. STI.
PERPA TİCARET MERKEZİ B BLOK KAT: 11 No. 1937
İSTANBUL (TURKEY)

And produced in the manufacturing plant:

KOD ELEKTRONİK GÜVENLİK SİSTEMLERİ SAN. VE TIC. LTD. STI.
MAHMUT BEY MAHALLESİ AYBARS SOKAK No:15/Z1
GÜNEŞLİ İSTANBUL TURKEY

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standards

**EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006; EN 54-4:1997, EN 54-4:1997/AC:1999,
EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006**

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 11th March 2016 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

The monitoring assessment will be done before March 2017

Bellaterra, 11th March 2016

Applus⁺

LGAi Technological Center, S.A.

Jordi Brufau Redondo
General Manager

Applus⁺

LGAi Technological Center, S.A.

Xavier Ruiz Peña
Product Conformity B.U., Managing Director



This document is not valid without its technical annex, whose number coincides with the number of certificate.

TECHNICAL ANNEX 0370-CPR-2315

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1996/A1: 2006

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
General requirements for indications	5.	PASS
The quiescent condition	6.	PASS
The fire alarm condition	7.	PASS
Fault warning condition (see also annex F)	8.	PASS
Disabled condition	9.	PASS
Test condition (option with requirements)	10.	PASS
Standardized input/output interface (option with requirements –see also annex G)	11.	PASS
Design requirements	12.	PASS
Additional design requirements for software controlled control and indicating equipment	13.	PASS
Marking	14.	PASS
Cold (operational)	15.4	PASS
Damp heat, steady state (operational)	15.5	PASS
Impact (operational)	15.6	PASS
Vibration, sinusoidal (operational)	15.7	PASS
Electromagnetic Compatibility (EMC)	15.8	PASS
Supply voltage variation (operational)	15.13	PASS
Damp heat, steady state (endurance)	15.14	PASS
Vibration, sinusoidal (endurance)	15.15	PASS

PASS; NPD = No Performance Determined, NA = Not Apply

TECHNICAL ANNEX**0370-CPR-2315****CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Annexes according to **EN 54-4: 1997**, **EN 54-4: 1997/AC: 1999**, **EN 54-4: 1997/A1: 2002**, **EN 54-4: 1997/A2: 2006**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
Functions	5.	PASS
Materials, design and manufacture	6.	PASS
Documentation	7.	PASS
Marking	8.	PASS
Cold (operational)	9.5	PASS
Damp Heat, steady state (operational)	9.6	PASS
Impact (operational)	9.7	PASS
Vibration, sinusoidal (operational)	9.8	PASS
Electrostatic discharges (operational)	9.9	PASS
Damp heat, steady state (endurance)	9.14	PASS
Vibration, sinusoidal (endurance)	9.15	PASS