

CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)
Notified Body Nr. 0370

No.

0370-CPR-6539

In compliance with Regulation (EU) No.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 SYSTEM.

- CONTROL AND INDICATING EQUIPMENT.
- POWER SUPPLY EQUIPMENT.

PRODUCT: **PL-1000** TRADEMARK: **MORLEY IAS Fire System**

Placed on the market under the name of:

HONEYWELL LIFE SAFETY IBERIA, S.L.

C/ PAU VILA, 15-19
08911 BADALONA (BARCELONA) SPAIN

And produced in the manufacturing plant:

22/32302907

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

**EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1996/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 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 14th October 2022 and will remain valid 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 monitoring assessment will be done before 30th June 2023

Bellaterra, 14th October 2022


LGAI Technological Center, S.A.

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



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

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility



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

FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 2: CONTROL AND INDICATING EQUIPMENT

| 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 |
| Reception and processing of fire signals (see also annex C) | 7.1 | PASS |
| Output of the fire alarm condition | 7.7 | PASS |
| Output to fire alarm devices (option with requirements) | 7.8 | PASS |
| Output to fire alarm routing equipment (option with requirements) | 7.9.1 | NA |
| Alarm confirmation input from fire alarm routing equipment (option with requirements) | 7.9.2 | NA |
| Outputs to fire protection equipment (options with requirements) | 7.10 | NA |
| Delays to outputs (option with requirements) | 7.11 | PASS |
| Dependencies on more than one alarm signal. Type C (option with requirements) | 7.12.3 | PASS |
| Alarm counter (option with requirements) | 7.13 | NA |
| Fault warning condition (see also annex F) | 8. | PASS |
| Fault signals from points (option with requirements) | 8.3 | PASS |
| Total loss of the power supply (option with requirements) | 8.4 | PASS |
| Output to fault warning routing Equipment (option with requirements) | 8.9 | NA |
| Disabled condition | 9. | PASS |
| Disabling of addressable points (option with requirements) | 9.5 | PASS |
| Test condition (option with requirements) | 10. | PASS |
| Standardized input/output interface (option with requirements –see also annex G) | 11. | NA |
| Design requirements | 12. | PASS |
| Additional design requirements for software controlled control and indicating equipment | 13. | PASS |
| Marking | 14. | PASS |

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

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| ESSENTIAL CHARACTERISTICS | CLAUSES IN THIS EUROPEAN STANDARD | MANDATED LEVEL(S) OR CLASS(ES) |
|----------------------------------------|-----------------------------------|--------------------------------|
| 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

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**

FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 4: POWER SUPPLY EQUIPMENT

| 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 |

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