

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No.

0370-CPR-3813

In compliance with Regulation (EU) Nr.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:

- CONTROL AND INDICATING EQUIPMENT
- POWER SUPPLY EQUIPMENT

REFERENCE: **JBE-P2L1** – 1 UP TO 8 LOOPS ADDRESSABLE FIRE ALARM CONTROL PANEL

Placed on the market under the name of:

JADE BIRD FIRE ALARM INTERNATIONAL (EUROPE), S.L.

C/ DE TARRAGONA, 157 7º
08014 BARCELONA (SPAIN)

And produced in the manufacturing plant:

23/32308425

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 54-2:1997/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 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 17th February 2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed on 2nd February 2024.

The monitoring assessment will be done before 28th February 2025

Bellaterra, 2nd February 2024




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 that of the 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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Annex according to **EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/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
Outout to fire alarm devices (option with requirements)	7.8	PASS
Output to fire alarm routing equipment (option with requirements)	7.9.1	PASS
Alarm confirmation input from fire alarm routing equipment (option with requirements)	7.9.2	NA
Output type A (option with requirements)	7.10.1	NA
Output type B (option with requirements)	7.10.2	NA
Output type C (option with requirements)	7.10.3	NA
Fault monitoring of fire protection equipment (option with requirements)	7.10.4	NA
Delays to outputs (option with requirements)	7.11	PASS
Type A dependency (option with requirements)	7.12.1	NA
Type B dependency (option with requirements)	7.12.2	NA
Type C dependency (option with requirements)	7.12.3	PASS
Alarm counter (option with requirements)	7.13	NA
Fault warning condition	8.	PASS
Fault signals from points (option with requirements)	8.3	PASS
Total loss of power supply (option with requirements)	8.4	PASS
Output to fault warning routing equipment (option with requirements)	8.9	NA
Disabled condition	9.	PASS
Disablement of addressable points (option with requirements)	9.5	PASS
Test condition (option with requirements)	10.	PASS
Standardized input/output interface (option with requirements)	11.	NA
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

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Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
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

ACCESSORIES	
JBE-BAT	Extension Box for Batteries
JBE-P2L1-EXLP	1 Loop Expansion Card
JBE-PRT	Extension Box for Printer
JBE-EXP	Expansion Box
JBE-P2L2-2LP	2 Loops Expansion Card
JBE-P2L2-IO	2 Inputs 4 Outputs Expansion Card
JBE-P2L2-NET	Network Card

Available with the following region kit: region A; region B; region C; region D; region E; region F; region G; region H; region I; region J