LGAI Technological Center, S.A. (APPLUS)
Campus UAB - Ronda de la Font del Carme s/n
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CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No. 0370-CPR-6094

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

MODELS: **MA-1000 Addressable Fire Panel one loop; MA-2000 Addressable Fire Panel two loops; MA-8000 Addressable Fire Panel up to eight loops**

TRADEMARK: **Morley MAx**

Placed on the market under the name of:

NOTIFIER ITALIA, SRL

VIA GRANDI, 22
20097 SAN DONATO MILANESE (MI) ITALIA

And produced in the manufacturing plant:

22/32300420

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 29th December 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 modified on 17th February 2023.

The monitoring assessment will be done before 31st December 2023

Bellaterra, 17th February 2023

Applus LGAI Technological Center, S.A.

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

ENAC CERTIFICACIÓN ISO 17065 Nº12 / C-PR054

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

CE

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0370-CPR-6094

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

FIRE DETECTION AND FIRE ALARM SYSTEM. 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
Control of fire alarm routing equipment (options with requirements)	7.9	NA
Outputs to fire protection equipment (option with requirements)	7.10	NA
Delays to outputs (option with requirements)	7.11	PASS
Dependencies on more than one alarm signal (options with requirements) – Type A dependency	7.12.1	NA
Dependencies on more than one alarm signal (options with requirements) – Type B dependency	7.12.2	NA
Dependencies on more than one alarm signal (options with requirements) – Type C dependency	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
Disablement 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

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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

Annex 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 SYSTEM. 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