

FIRE SAFETY CERTIFICATION

PRODUCT APPROVAL

No. **APF-2127**

LGAI TECHNOLOGICAL CENTER S.A. (APPLUS), according to the requirements of the SPC-102 Ed. 7, certifies the performances stated in the technical annex following the reference standard for:

Product range	ZP88xR TRADEMARK: ZITON/CHUBB/CLYMAC
Company	CARRIER FIRE & SECURITY B.V. KELVINSTRAAT, 7 6003 DH WEERT (NETHERLANDS)
Manufactured	CARRIER SAFETY SYSTEM (HEBEI) CO., LTD. No. 80 CHANGJIANG EAST ROAD, QETDZ, QINHUANGDAO, HEBEI, CHINA 066004
Standard Reference	EN 54-11:2001, EN 54-11:2001/A1:2005 "Fire detection and fire alarm system. Part 11: manual call points".
Product Details and Test Report	Please check at the technical annex



Valid until 31st July 2025

Bellaterra, 24th May 2024

 LGAI Technological Center, S.A. Xavier Ruiz Peña Product Conformity B. U., Managing Director	
You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products	

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



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Annex according to **EN 54-11:2001, EN 54-11:2001/A1:2005**

FIRE DETECTION AND FIRE ALARM SYSTEM. PART 11: MANUAL CALL POINTS

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)	
		ZP886R	ZP888R
Marking and data	4.2	PASS – TYPE A	PASS – TYPE A
Normal condition	4.3.1	PASS	PASS
Alarm condition	4.3.2	PASS	PASS
Indicators for alarm condition	4.4	PASS	PASS
Reset facility	4.5	PASS	PASS
Test facility	4.6	PASS	PASS
Shape, dimensions and colours	4.7.2	PASS	PASS
Symbols and lettering	4.7.3	PASS	PASS
Protection against accidental operation	4.7.4	PASS	PASS
Environment category	4.7.5	PASS	PASS
Additional requirements for software controlled manual call points	4.8	PASS	PASS
Operational performance test	5.2	PASS	PASS
Function test	5.3	PASS	PASS
Test facility test (operational)	5.4	PASS	PASS
Reliability test (endurance)	5.5	PASS	PASS
Variation of supply parameters	5.6	PASS	PASS
Dry heat (operational)	5.7	PASS	PASS
Dry heat (endurance)	5.8	NA	PASS
Cold (operational)	5.9	PASS	PASS
Damp heat, cyclic (operational)	5.10	PASS	PASS
Damp heat, cyclic (endurance)	5.11	NA	PASS
Damp heat, steady state (endurance)	5.12	PASS	PASS
SO2 corrosion (endurance)	5.13	PASS	PASS
Shock (operational)	5.14	PASS	PASS
Impact (operational)	5.15	PASS	PASS
Vibration, sinusoidal (operational)	5.16	PASS	PASS
Vibration, sinusoidal (endurance)	5.17	PASS	PASS
Electromagnetic compatibility (EMC) (operational)	5.18	PASS	PASS
Enclosure protection	5.19	NA	PASS

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

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MANUAL CALL POINT		BRAND
ZP886R	Intelligent Addressable Manual Call Point - (Red)	Ziton
ZP886R-S06	Intelligent Addressable Manual Call Point - Swedish (Red)	Ziton
ZP886R-S27	Intelligent Addressable Manual Call Point - English (Red)	Ziton
ZP886R-S30	Intelligent Addressable Manual Call Point - Chubb (Red)	Chubb
ZP886R-SCL	Intelligent Addressable Manual Call Point - Clymac (Red)	Clymac
ZP888R	Intelligent Addressable Manual Call Point - Weatherproof (Red)	Ziton
ZP888R-S27	Intelligent Addressable Manual Call Point - Weatherproof English (Red)	Ziton

ACCESORIES	
N-MC-AFM-R	Intelligent Manual Call Point Accessory - Flush Mount Adapter (Red)
N-MC-BB-R	Intelligent Manual Call Point Accessory - Back Box (Red)
N-MC-FC	Intelligent Manual Call Point Accessory - Flip Cover
N-MC-FC (06)	Intelligent Manual Call Point Accessory - Flip Cover Swedish
N-MC-FE	Intelligent Manual Call Point Accessory - Frangible Element
N-MC-RE	Intelligent Manual Call Point Accessory - Resettable Element
N-MC-S-R	Intelligent Manual Call Point Accessory - Trim Skirt (Red)