



CERTIFICATE OF CONSTANCY OF PERFORMANCE

0051-CPR-2826

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

Product: **CONTROL AND INDICATING EQUIPMENT WITH INTEGRATED:
- POWER SUPPLY EQUIPMENT,
- ALARM TRANSMISSION AND FAULT WARNING ROUTING EQUIPMENT,
- ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICE**

Models: **PREVIDIA-ULTRA216; PREVIDIA-ULTRA216R; PREVIDIA-ULTRA216D**

Trademark: **INIM**

Other information: **See ANNEX**

Produced by:
INIM ELECTRONICS S.r.l.
Via Dei Lavoratori 10 – Frazione Centobuchi
63076 Monteprandone (AP), Italy

in the manufacturing plant:
PI.H0000J

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

**EN 54-2:1997 + A1:2006;
EN 54-4:1997 + A1:2002 + A2:2006;
EN 54-21:2006; EN 12094-1:2003**

Under system **1** are applied and that **the product fulfills all the prescribed requirements set out above**

ISSUED ON 01/09/2022

REVISION 0

B.U. PRODUCT CONFORMITY ASSESSMENT
CPR TECHNICAL DIRECTOR
(ENG. VALBERTO BAGGIO)

This certificate was first issued on 01/09/2022 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the products, and the manufacturing conditions in the plant are not modified significantly.

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011. IMQ S.p.A. Identification Number is: **0051**. This certificate is subjected to the Regulation of Assessment and Verification of Constancy of Performance of the Construction Products as Notified Body, according to Regulation (EU) no. 305/2011 and Legislative Decree n.106/ 2017 (REG. ON / CPR)

ANNEX

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Model **PREVIDIA-ULTRA216**

Configuration:

The equipment is contained in a standard grey metal enclosure (dimensions: 675 x 430 x 250 mm) with IP30 degree of protection.

Internally it is fitted with the following main parts fully configurable in multiple enclosures, extendable up to 4 adjacent one above the other:

- No. 1 CPU module type FPMCPU with integrated alphanumeric touch LCD;
- No. 1 Loop module type IFM2L, with 2 loop lines, up to 8 maximum for equipment;
- No. 1 Outputs module type IFM4R, with 4 relays, up to 16 maximum for equipment;
- No. 1 Inputs/outputs module type IFM4IO, with 4 input/output circuits, up to 16 maximum for equipment;
- No. 1 Inputs/outputs module type IFM16IO, with 16 input/output circuits, up to 4 maximum for equipment;
- No. 1 Alarm transmission and fault warning routing equipment module type IFMDIAL, using PSTN and GSM/GPRS network, up to 1 maximum for equipment;
- No. 1 LAN module type IFMLAN, using TCP-IP protocol and Local Area, up to 1 maximum for equipment;
- No. 1 Electrical automatic control and delay device type IFMEXT, up to 24 maximum for equipment;
- No. 1 LED and printer module type FPMLEDPRN, up to 1 maximum for equipment;
- No. 1 LED module type FPMEXT for electrical automatic control and delay device, up to 5 maximum for equipment;
- No. 1 LED module type FPMLED, up to 7 maximum for equipment;
- No. 1 Module for hornet network connection type IFMNET, up to 1 maximum for equipment;
- No. 1 Module for audio network connection type IFAMIDANET, up to 1 maximum for equipment;
- No. 1 CANDRIVE+ board;
- No. 1 Switching Power Unit trademark INIM, type IFAMPSPU composed of the control board and the switching power supply trademark MEAN WELL type PSPA-1000-24, rated 27.6 V – 32 A or 38 A with No. 2 Allocable batteries rated 12 V – 38 Ah or 24 Ah or 17 Ah, or
- No. 1 Switching Power Unit trademark INIM, type IFM24160, rated 27.6 V – 5.2 A with No. 2 Allocable batteries rated 12 V – 24 Ah or 17 Ah.

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Models **PREVIDIA-ULTRA216R; PREVIDIA-ULTRA216D**

Configuration:

As model PREVIDIA-ULTRA216 but with a different color of the enclosure:

- "R" Red;
- "D" Dark Grey.

Technical Characteristics

- Number of detectors and/or manual call points: 3840 on 16 loop line (240 each);
- Hardware identification of the microcontroller (U1) used on the CPU module type FPMCPU: NXP, LPC1788FBD208;
- Firmware identification of the microcontroller (U1) used on the CPU module type FPMCPU: 1.00;

List of optional functions with requirements (EN 54-2)

- 7.8 Output to fire alarm device
- 7.9 Output to fire alarm routing equipment
- 7.10 Output to fire protection equipment
- 7.11 Delay to outputs
- 7.12 Dependencies on more than one alarm signal Type A – B – C
- 7.13 Alarm counter
- 8.3 Fault signals from points
- 8.9 Output to fault warning routing equipment
- 9.5 Disablement of addressable points
- 10 Test condition

List of optional functions with requirements (EN 12094-1)

- 4.17 Delay of extinguishing signal
- 4.18 Signal representing the flow of extinguishing agent
- 4.19 Monitoring of the status of components
- 4.20 Emergency hold device
- 4.21 Control of flooding time
- 4.22 Initiation of secondary flooding
- 4.24 Triggering signals to equipment within the system
- 4.26 Triggering of equipment outside the system
- 4.27 Emergency abort device
- 4.28 Control of extended discharge
- 4.29 Release of the extinguishing media for selected flooding zones
- 4.30 Activation of alarm devices with different signals

Note:

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The Electrical Automatic Control and Delay Device is approved to EN 12094-1 for more than 1 flooding zone when 2 CPU modules type FPMCPU are used.

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Mod. 0727CPR-ENG/3



PRD N° 005 B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements