

EC DECLARATION OF PERFORMANCE
According to EU Construction Products Regulation No. 305/2011
N° 007 -CPR -2013

1. *Unique Product Identification Code(s):* **AM-2000N**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

AM-2000N	<i>Notifier Branded Panel</i>
XLS-200	<i>Honeywell Branded Panel</i>

Description: **2 Loop Analogue Addressable Control and Indicating Panel.**

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Fire detection and fire alarm systems installed in buildings

4. *Name, registered trade name or registered trade mark and contact address of /he manufacturer as required pursuant to Article 11 (5):*

Notifier Italia Srl.
Via Grandi , 22
20097 San Donato Milanese
Italy

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

Notifier Italia Srl.
Via Grandi , 22
20097 San Donato Milanese
Italy

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 1

7. *In case of the declaration of performance concerning a construction product covered by harmonized standard:*

EVPU a.s.
Trenčianska19, 018 51 Nová Dubnica
Slovak Republic , NB 1293.

Notified Body Number: **1293**

Performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approval of the factory production control under System 1 and issued following certificate of constancy of performance:

EC Certificate Number(s) **1293 – CPD -163**
Issued : **February 9 , 2010**

8. European Technical Assessment Reference: **Not Applicable**

9. Declared Performance (see list on next page)

Declared Performance

All requirements including all essential characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the EN 54.x mentioned in the table below:

Essential characteristics	Performance	Harmonized Technical Specification	
		EN 54-2:1997 + A1:2006	EN 54-4:1997 + A2:2006
Operational reliability	Pass	Art.: 4, 5, 6, 7, 6, 9, 10.12, 13,14	Art.: 4, 5, 6, 7, 8
Durability of operational reliability Temperature resistance	Pass	Art.: 15.4	Art.: 9.5
Durability of operational reliability Vibration resistance	Pass	Art.: 15.6, 15.7, 15.15	Art.: 9.7, 9.8, 9.15
Durability of operational reliability Electrical stability	Pass	Art.: 15.8 to 15.13	Art.: 9.9 to 9:1 3
Durability of operational reliability Humidity resistance	Pass	Art.: 15.5, 15.14	Art.: 9.6, 9.14
Performance under fire conditions	Pass	Art.: 4 , 5, 7	
Response delay (response time 10 fire)	Pass	Art.: 7.1, 7.7, 7.11, 7.12	
Performance of power supply	Pass		Art.: 4, 5 , 6

Note on EN54-2 conformity:

13.7 - Operation of the c.i.e in the event of a system fault:

If the manufacturer's documentation shows that more than 512 fire detectors and/or manual call points may be connected to a c.i.e., in the event of a system fault, as specified in 13.4 or 13.6, either or both of the following shall apply.....

AM-2000N panel has one uP with a maximum capacity of 198 sensors and 198 addressable modules in total.

Annex B (informative) : Optional functions with requirements and alternatives

All Possible Optional functions and their relevant clause numbers are listed in table:

Table B.1 Optional functions	
Option	See clause
Indications:	
Fault signals from points	8.3
Total loss of power supply	8.4
Recording of the numbers of entries into fire alarm condition	7.13
Controls:	
Coincidence detection	7.12 (type A)
Delay of the actioning of outputs	7.11
Disablement of each address point	9.5
Test condition	10, 10.2, 10.3
Outputs:	
Fire alarm device(s)	7.8
Fire alarm routing equipment	7.9
Automatic fire protection equipment	7.10
Fault warning routing equipment	8.9
Standardised I/O interface	11

AM-2000N Fire Detection Panel : Option with Requirements

In addition to the basic EN 54 requirements, the control units are in conformity with the following optional operation requirements

EN 54.2 Clause	AM 2000N Fire detection Panel: Function	Applicable And Test Passed
7.8	Output to fire alarm devices (option with requirements –see also 8.2.5.a) and 9.4.2.a))	Yes
	The c.i.e. may have provision for the automatic transmission of fire alarm signals to fire alarm devices (item C if figure 1 of EN 54-1). In this case the following shall apply:	Yes
	a) it shall be possible to silence the fire alarm devices at access level 2,	Yes
	b) following silencing, it shall be possible to re-sound the fire alarm devices at access level 2,	Yes
	c) the fire alarm devices shall not be silenced automatically,	Yes
	d) it shall be possible to configure the c.i.e. at access level 3 to automatically re-sound the fire alarm devices following an alarm in another zone.	Yes
7.10	Output to fire protection equipment (option with requirements)	Yes
7.10.1	Output type A (option with requirements – see also 8.2.4f) and 9.4.1.b))	Yes
	The c.i.e. may have provision for the transmission of fire alarm signals to controls for automatic fire protection equipment.	Yes
7.10.4	Fault monitoring of fire protection equipment (option with requirements – see also 8.2.4 f))	Yes
	The c.i.e. may have provision to receive fault warning signals from controls for automatic fire protection equipment. These faults shall be indicated by means of a separate light emitting indicator and/or an alphanumeric display. The indication shall be at least common to all items G, and shall not be suppressed during the fire alarm condition. The indicator may be the same as that of 8.2.4 f).	Yes
7.11	Delays to outputs (option with requirements; see also Annex E)	Yes
7.11.1	The c.i.e. may have provision to delay the activation of outputs to fire alarm devices and/or to fire alarm routing equipment and or to controls for automatic fire protection equipment. In these cases at least the following shall apply.	Yes
	a) the operation of delays outputs to C and G shall be configurable at access level 3 to apply to	Yes
	- fire detectors, and/or <input type="checkbox"/>	Yes
	- manual call points, and/or <input type="checkbox"/>	Yes
	- individual zones <input type="checkbox"/>	Yes
	b) the operation of delays outputs to E shall be configurable at access level 3, to apply to	Yes
	- fire detectors, and/or <input type="checkbox"/>	Yes
	- individual zones <input type="checkbox"/>	Yes
	c) the delay times shall be configurable at access level 3, in increments not exceeding 1 min, up to a	Yes

	maximum of 10 min <input type="checkbox"/>	
	d) it shall be possible to override the delays and immediately action delayed outputs by means of a manual operation at access level 1 and/or by means of a signal from a manual call point <input type="checkbox"/>	Yes
	e) the delay to one output signal shall not affect the activation of other outputs.	Yes
7.11.2	If 7.11.1 applies, the c.i.e. may have provision to switch on and switch off the delayed operation of outputs. In this case the following shall apply:	Yes
	a) it shall be possible to switch on and switch off delays, by means of a manual operation at access level 2,	Yes
	b) there may be provision to automatically switch on and/or switch off delays by means of a programmable timer, which shall be configurable at access level 3,	Yes
	c) the mode of operation when delays are switched on shall be visibly indicated by means of a separate light emitting indicator and/or an alphanumeric display. The indication shall not be suppressed during the fire alarm condition.	Yes
7.12	Dependencies on more than one alarm signal (options with requirement)	Yes
7.12.1	Type A dependency (option with requirement)	Yes
	Following the receipt of a first signal from a fire detector, the entry to the fire alarm condition may be inhibited until the recipient of a confirmation alarm signal from the same fire detector, or from a fire detector in the same zone. In this case, the first alarm state need not be indicated, and the following shall apply:	Yes
	a) the mode of operation shall be configurable at access level 3 for individual zones	Yes
	b) reception of a confirmation alarm signal shall not be inhibited for more than 60s following the receipt of the first alarm signal. The manufacturer may specify a time shorter than 60s. In this case, this specification shall be tested and verified	Yes
	c) the first alarm state shall be automatically cancelled within 30min. of the receipt of the first alarm signal	Yes
	d) information on the values of the configured delay times shall be accessible at access level 2 or 3.	Yes
8.3	Fault signals from points	Yes
	The c.i.e. may have provision for the reception, processing and indication of fault signals from points. In this case faults shall be indicated at least as zone faults, as specified in 8.2.4a	Yes
8.4	Total loss of power supply	Yes
	In the event of the loss of the main power source (as specified in EN 54-4), the c.i.e. may have provision to recognise and indicate the failure of the standby power source to a point where it may no longer be possible to fulfil mandatory functions of this European Standard. In this case at least an audible indication shall be given for a period of at least one hour	Yes
9.5	Disablement of addressable points	Yes
	The c.i.e. may have provision for disabling and enabling signals from addressable points by a manual operation at access level 2, either individually, or in groups which do not comprise a complete zone. In this case, at least the following shall apply.	Yes
	a) It shall be possible to disable each addressable point individually	Yes
	b) It shall be possible to identify all the disablements by manual interrogation at access level 1 or 2.	Yes
	c) The disablement of addressable points shall not be indicated as zone disablements unless all the addressable points in the zones have been disabled	Yes
10	Test Condition	Yes
10.2	Indication of the test condition	Yes
	The test condition shall be indicated visibly, by means of the following.	Yes
	a) A separate light emitting indicator (the general test indicator).	
	b) An indication for each zone, as specified in 10.3	
10.3	Indication of zones in the test state	Yes
	Zones in the test state shall be visibly indicated, by means of a separate light emitting indicator for each zone and/or an alphanumeric display. The same light emitting indicator and the same indication may be used to indicate a zone under test and a disabled zone. For indications on alphanumeric displays at least the requirements of 9.3.3 shall apply	Yes



10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9, This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

EC DECLARATION OF CONFORMITY

We hereby declare that the product identified above meets the requirements of the of the following EC Directives and therefore qualify for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA):

EMC	Directive 2004/108/EC
ROHS	Directive 2011/65/EU
WEEE	Directive 2012/19/EU

Signed for and on behalf of the manufacturer by:

Fortuna Enzo
Engineering Manager
Notifier Italia S.r.l.
Via A. Grandi, 22
20097 San Donato Milanese (MI), Italy
E-mail: enzo.fortuna@notifier.it

 **NOTIFIER ITALIA S.r.l.**
via Grandi, 22
20097 SAN DONATO MILANESE (MI)



Date: 1 July 2013

Page 5/5

NOTIFIER ITALIA S.r.l. - A socio unico - 20097 San Donato Milanese (MI) - Via Grandi, 22 - Tel.: 02/518971 - Fax: 02/5189730 - E-mail: notifier@notifier.it Capitale Sociale € 2.700.000,00 i.v. - C.C.A.A. 1456164 - Trib. Milano Reg. Soc. 348608 - Vol. 8549 Fasc. 8 - Partita IVA IT 11319700156 (informativa privacy art. 3 Digs 196/03) - **Uffici Regionali:** 10151 Torino - Via Pianezza, 181 - Tel.: 011/4531193 - Fax: 011/4531183 - E-mail: notifier.torino@notifier.it - 35010 Limena (PD) Via IV Novembre, 6/c Int. 9 - Tel.: 049/7663511 - Fax: 049/7663550 - E-mail: notifier.padova@notifier.it - 40050 Funo di Argelato (BO) - Asta Servizi, Bl. 3B, Gall. B n. 85, Centergross - Tel.: 051/864855 - Fax: 051/6647638 - E-mail: notifier.bologna@notifier.it - 50136 Firenze - Via Aretina, 167/M Tel/Fax: 055/289177 - 00118 Roma - Via Del Casale Santarelli, 51 - Tel.: 06/7988021 - Fax: 06/79880250 - E-mail: notifier.roma@notifier.it - 80143 Napoli - Palazzo Prof. Studi - Centro Direzionale, Isola E2, Scala B, Piano 5° - Tel.: 081/7879398 - Fax: 081/7879159 - E-mail: notifier.napoli@notifier.it - 70125 Bari - Via Della Costituente, 29 - Tel.: 080/5013247 - Fax: 080/5648114 - E-mail: notifier.bari@notifier.it - 95128 Catania - Viale Alcide De Gasperi, 187 - Tel.: 095/7128993 - Fax: 095/7120753 - E-mail: notifier.catania@notifier.it
www.notifier.it

