



# EVPÚ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0604

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

### Advanced Conventional Fire Alarm Control Panel NEON 8, NEON 4, NEON 2

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

**PARADOX HELLAS S.A. – OIKONOMIDIS P. SECURITY SYSTEMS S.A.**  
3 Korinthou str., 14451 Metamorfosi, Attiki, Greece

and produced in the manufacturing plant

**PARADOX HELLAS S.A. – OIKONOMIDIS P. SECURITY SYSTEMS S.A.**  
69<sup>th</sup> Klm of N.R. Athens – Lamia, 32009 Vrises Ritsonas, Avlida, Greece

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

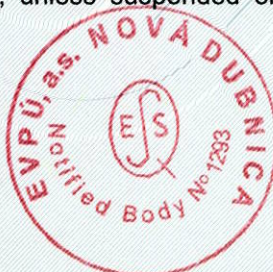
**EN 54-2: 1997**  
**EN 54-2: 1997/AC: 1999**  
**EN 54-2: 1997/A1: 2006**  
**EN 54-4: 1997**  
**EN 54-4: 1997/AC: 1999**  
**EN 54-4: 1997/A1: 2002**  
**EN 54-4: 1997/A2: 2006**

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 June 7<sup>th</sup>, 2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, June 7<sup>th</sup>, 2018



Marek H u d á k  
Director NB

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EVPÚ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, [www.evpu.sk](http://www.evpu.sk)

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FCO 425-13 Rev.1

## Annex to Certificate No. 1293 - CPR – 0604 from June 7<sup>th</sup>, 2018

### General Information:

The NEON conventional fire alarm control panels have been designed to provide full fire detection coverage to buildings or installations that require fire detection systems of 2 to 8 zones.

There are 3 basic models for the NEON Panel:

Model	Zones	Siren Outputs
NEON 2	2	2
NEON 4	4	4
NEON 8	8	4

### Technical specifications:

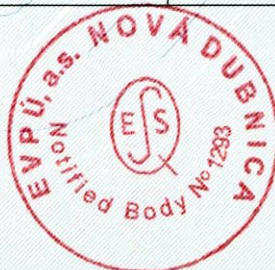
Mains Power:	230VAC
Frequency:	50Hz
Zones Input voltage (with EOL & AEOL):	16 to 21V
Max Power:	100VA max input power
Battery placement:	Two 7Ah batteries will fit in the panel
Standby Power:	5VA
Auxiliary power output:	24VDC 1.5A
Zone termination:	22µF / 25V capacitors
Monitored output termination:	Dry contacts NO or NC selectable
Temperature:	-2°C to 45 °C (32°F to 120 °F)
Humidity:	5 to 95% RH, non condensing
Dimensions (H x W x D) [mm]:	315 x 425 x 105
Semi flash wall mounting:	25mm max height

### List of optional functions with requirements included in the c.i.e

Clause	Description
7.8	Output to the fire alarm device
7.11.1, 7.11.2 a), c)	Delay to outputs
7.12.2	Co-incident detection – type B
10	Test condition

Essential characteristics	Harmonised technical specification		Performance
	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	
Performance under fire conditions	cl. 4, 5, 7	---	Pass
Performance of power supply	---	cl. 4, 5, 6	Pass
Response delay (response time to fire)	cl. 7.1, 7.7, 7.11, 7.12	---	Pass
Operational reliability	cl. 4, 5, 6, 7, 8, 9, 10, 11=N/A, 12, 13, 14	cl. 4, 5, 6, 7, 8	Pass
Durability of operational reliability: temperature resistance	cl. 15.4	cl. 9.5	Pass
Durability of operational reliability: vibration resistance	cl.15.6,15.7,15.15	cl. 9.7, 9.8, 9.15	Pass
Durability of operational reliability: electrical stability	cl. 15.8, 15.9 to 15.12=N/A, 15.13	cl. 9.9, 9.10 to 9.13=N/A	Pass
Durability of operational reliability: humidity resistance	cl. 15.5, 15.14	cl. 9.6, 9.14	Pass

Nová Dubnica, June 7<sup>th</sup>, 2018



Marek H u d á k  
Director NB



# EVPU<sup>®</sup>

## CERTIFICATE No. 00040/101/1/2018

on June 7<sup>th</sup>, 2018

Certification body of EVPU a.s. confirms the compliance of the products with requirements of undermentioned standards.

Product: **Advanced Conventional Fire Alarm Control Panel**

Type: **NEON 8, NEON 4, NEON 2**

Specification: **230V 50Hz 1A**

Client/Manufacturer: **PARADOX HELLAS S.A. - OIKONOMIDIS P. SECURITY SYSTEMS S.A.**  
**3 Korinthou str., 14451 Metamorfofi, Attiki, Greece**

Identification Code: **EL094517180**

Manufacturing facilities: **PARADOX HELLAS S.A. - OIKONOMIDIS P. SECURITY SYSTEMS S.A.**  
**69<sup>th</sup> Klm of N.R. Athens - Lamia, 32009 Vrises Ritsonas, Avlida, Greece**

Standards: **EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013**

**EN 55032: 2015**

**EN 61000-3-2: 2014**

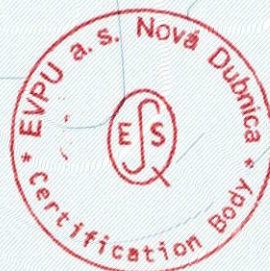
**EN 61000-3-3: 2013**

**EN 50130-4: 2011 + A1: 2014**

Results of tests of mentioned products are summarized in Final report on assessment No. **0-0173/18/C** of June 7<sup>th</sup>, 2018.

Used standards are harmonized with directives of the European parliament and of the Council 2014/35/EU transposed into Slovak government decree No. 148/2016 Z. z. and 2014/30/EU transposed into Slovak government decree No. 127/2016 Z. z.

Validity of certificate  
is limited for the period  
from: **June 7<sup>th</sup>, 2018**  
until: **June 6<sup>th</sup>, 2021**



  
Marek Hudák

Any significant changes in the design or construction of the products or amendments of the technical decrees reference above may render this Certificate invalid. The product liability rests with the manufacturer or his representative.

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