



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0660

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

Conventional Fire Panel Matrix2000

Models: see Annex to this certificate

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.
69th Klm of N.R. Athens – Lamia, 32009 Vrises Ritsonas, 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 November 15th, 2019 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

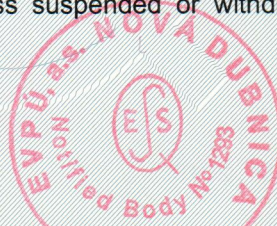
Nová Dubnica, November 15th, 2019

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EVPÜ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, www.evpu.sk

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FCO 425-13 Rev.1

Marek H u d á k
Director NB



Annex to Certificate No. 1293 - CPR – 0660 from November 15th, 2019

Models:

Matrix2004R00TO, Matrix2004R04TO, Matrix2008R00TO, Matrix2008R08TO, Matrix2012R00TO, Matrix2012R04TO, Matrix2012R08TO, Matrix2012R12TO, Matrix2016R00TO, Matrix2016R08TO, Matrix2016R16TO, Matrix2020R00TO, Matrix2020R04TO, Matrix2020R08TO, Matrix2020R12TO, Matrix2020R16TO, Matrix2020R20TO, Matrix2024R00TO, Matrix2024R08TO, Matrix2024R16TO, Matrix2024R24TO

General Information:

The Matrix2000 conventional fire alarm panel series consists of two basic units of 4 and 8 zones, which with addition of 8 zones expansion modules provide solutions to projects where panels from 4, 8, 12, 16, 20 or 24 zones need to be used.

Control and programming is performed in three access levels, through the silicon rubber in the façade of the panel in access levels 1 and 2, and through microswitches in the inside of the panel in access level 3.

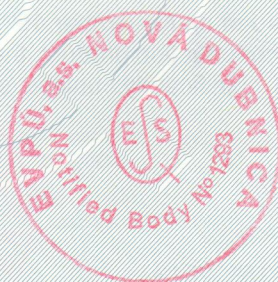
Technical specifications:

Operating voltage	220-240VAC
Frequency	50-60Hz
Temperature	-2°C to 45 °C
Humidity:	5 to 95% RH, non condensing

List of optional functions with requirements included in the c.i.e EN 54-2

Clause: 7.8 Description: Output to the fire alarm device
 Clause: 7.12 Description: Dependencies on more than one alarm signal
 Clause: 7.12.2 Description: Type B dependency

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	
Response delay (response time to fire)	cl. 7.1, 7.7, 7.11=N/A, 7.12	-	Pass
Performance under fire conditions	cl. 4, 5, 7	-	Pass
Performance of power supply	-	cl. 4, 5, 6	Pass
Operational reliability	cl. 4, 5, 6, 7, 8, 9, 10=N/A, 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, November 15th, 2019

Marek Hudák
Director NB



EVPÚ[®]



CERTIFICATE No. 00019/101/1/2020

on April 17th, 2020

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

Product: **Conventional Fire Panel**

Type: **Matrix2000**

Derived variants: **Matrix2004R00TO, Matrix2004R04TO, Matrix2008R00TO, Matrix2008R08TO, Matrix2012R00TO, Matrix2012R04TO, Matrix2012R08TO, Matrix2012R12TO, Matrix2016R00TO, Matrix2016R08TO, Matrix2016R16TO, Matrix2020R00TO, Matrix2020R04TO, Matrix2020R08TO, Matrix2020R12TO, Matrix2020R16TO, Matrix2020R20TO, Matrix2024R00TO, Matrix2024R08TO, Matrix2024R16TO, Matrix2024R24TO**

Specification: **220-240 VAC, 50/60 Hz, 1A**

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

Manufacturing facility: **PARADOX HELLAS S.A. - OIKONOMIDIS P. SECURITY SYSTEMS S.A.**
69th Klm of N.R. Athens - Lamia, 32009 Vrises Ritsonas, Greece

Standards: **EN 62368-1: 2014 + A11: 2017,**
EN 55032: 2015,
EN 61000-3-2: 2014,
EN 61000-3-3: 2013 + A1: 2019,
EN 50130-4: 2011 + A1: 2014,
EN 54-2: 1997 + AC: 1999 + A1: 2006 Clause 15.8

Results of tests of mentioned products are summarized in Final report on assessment No. **0-0068/20/C** of **April 17th, 2020**.

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: **April 17th, 2020**
until: **April 16th, 2023**




Marek H u d á k

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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