



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0666 Rev.1

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

### Analogue addressable rate-of-rise heat detector with integrated isolator BSR-6160

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

**Olympia Electronics N. Lakasas – P. Arvanitidis S.A.**  
72nd klm old national road Thessaloniki - Katerini, 60300 Eginio, Greece

and produced in the manufacturing plant

**Olympia Electronics N. Lakasas – P. Arvanitidis S.A.**  
72nd klm old national road Thessaloniki - Katerini, 60300 Eginio, Greece

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

**EN 54-5: 2017+A1: 2018**

**EN 54-17:2005**

**EN 54-17:2005/AC:2007**

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 March 18<sup>th</sup>, 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, March 18<sup>th</sup>, 2021

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Dušan Novotný  
Director NB



## Annex to Certificate No. 1293 - CPR – 0666 Rev.1 from March 18<sup>th</sup>, 2021

### General Information

The BSR-6160 is an analogue addressable heat detector which integrates the function of rate-of-rise heat detection and it can work with any fire panel supports Olympia A Protocol. It integrates a short circuit isolation circuit which is automatically activated and disconnects the defective node from the remaining loop, allowing it to be located by the panel.

The user can select A1R, A1S, or CS working mode through the panel.

The BSR-6160 is composed by two parts. A plastic base which is placed on the ceiling and the main body of the detector which fits on the plastic base with a simple rotation to the right.

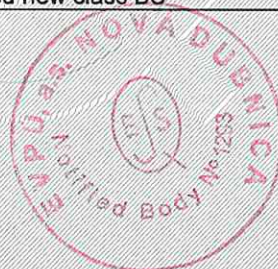
Main voltage: 12-30 V DC  
Class: A1R / A1S / CS adjustable

Essential characteristics	Harmonised technical specifications		Performance
	EN 54-5:2017 +A1: 2018	EN 54-17:2005 EN 54-17:2005/ AC:2007	
Operational reliability	cl. 4.2.1, 4.2.2, 4.2.3=N/A, 4.2.4, 4.2.5, 4.2.6, 4.2.7	cl. 4	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3, 4.3.4, 4.3.5, 4.3.6	---	Pass
Response delay (response time)	cl. 4.4.1, 4.4.2	---	Pass
Tolerance to supply voltage	cl. 4.5.1	---	Pass
Performance parameters under fire conditions	---	cl. 5.2	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.6.1.1, 4.6.1.2=N/A	cl. 5.4, 5.5	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.6.2.1, 4.6.2.2	cl. 5.6, 5.7	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.6.3	cl. 5.8	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.6.4.1 to 4.6.4.4	cl. 5.9 to 5.12	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.6.5	cl. 5.3, 5.13	Pass

### History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0666	Original certificate issued	December 20 <sup>th</sup> , 2019
2	1293-CPR-0666 Rev.1	1.Tests according to new standard EN 54-5: 2017+A1: 2018 2.Added new class BS	March 18 <sup>th</sup> , 2021

Nová Dubnica, March 18<sup>th</sup>, 2021



Dušan Novotný  
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