



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0661

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

Rate of rise heat detector BS-660/A

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 54-5:2000
EN 54-5:2000/A1:2002

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 December 16th, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, December 16th, 2019
053465


Marek Hudák
Director NB

Annex to Certificate No. 1293 - CPR – 0661 from December 16th, 2019

General Information

The BS-660/A is a conventional heat detector which integrates the function of rate-of-rise heat detection. The detector transitions to alarm state when the temperature reaches 57°C. Also, the detector transition to alarm state when the temperature rises suddenly by 32°C regardless of the initial temperature at the beginning of the sudden rise event.

Technical specifications

Operation voltage	17 + 30 V DC
Start up power consumption	1mA for 2 sec
Standby consumption	90µA
Alarm consumption	12mA (with activated onboard LED)
Temperature sensitivity	57°C
Class (in accordance with EN 54-5)	A1R
Operating temperature range	-40°C to +70°C
Relative humidity	Up to 95%
Degree of protection	IP42
Dimensions	103mm (d) 48mm (h)
Weight	143g
Construction materials	ABS/PC

Essential characteristics	Harmonised technical specification	Performance
	EN 54-5:2000 EN 54-5:2000/A1:2002	
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	cl. 4.2, 4.3, 5.2 to 5.4, 5.5=N/A, 5.6, 5.8, 6.1, 6.2=N/A	Pass
Operational reliability	cl. 4.4, 4.5=N/A, 4.6, 4.7, 4.8=N/A, 4.9 to 4.11	Pass
Tolerance to supply voltage	cl. 5.7	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.9, 5.10=N/A	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	Pass
Durability of operational reliability: humidity resistance	cl. 5.11, 5.12	Pass
Durability of operational reliability: corrosion resistance	cl. 5.13	Pass
Durability of operational reliability: electrical stability	cl. 5.18	Pass

Nová Dubnica, December 16th, 2019


 Marek Hudák
 Director NB