



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0664

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

**Addressable twin input-output unit with integrated isolator
BSR-8120**

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 54-18:2005

EN 54-18:2005/AC:2007

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.

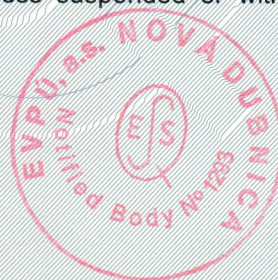
This certificate was first issued on December 20th, 2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, December 20th, 2019

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Marek H u d á k
Director NB



Annex to Certificate No. 1293 - CPR – 0664 from December 20th, 2019

General information

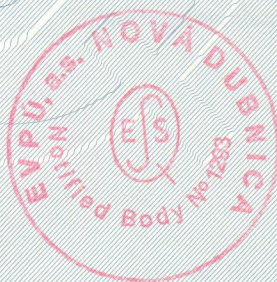
The BSR-8120 device has 2 independent inputs and outputs and it can work with any panel supports Olympia A Protocol. It is used for connection in the addressable loop multiple conventional fire detectors of Olympia Electronics, as well as other devices having free contact such as gas detectors, conventional fire detection panels, flow switches etc.

Technical specifications

Communication protocol	Olympia A Protocol
Main voltage	12 + 30 V DC
Standby consumption	200µA
Alarm consumption	2.5 mA (with activated LED)
Operating temperature range	-20°C to +70°C
Relative humidity	Up to 95%
Degree of protection	IP20
External dimensions	90 (l) x 71 (w) x 59 (h) mm
Weight	136g
Construction materials	ABS/PC

Essential characteristics	Harmonised technical specification		Performance
	EN 54-18:2005 EN 54-18:2005/ AC:2007	EN 54-17:2005 EN 54-17:2005/ AC:2007	
Response delay (response time)	cl. 5.2	---	Pass
Performance under fire conditions	cl. 5.1.4	cl. 5.2	Pass
Operational reliability	cl. 5.1.4	cl. 4	Pass
Durability of operational reliability: temperature resistance	cl. 5.3, 5.4	cl. 5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	cl. 5.8 to 5.11	cl. 5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	cl. 5.5, 5.6	cl. 5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	cl. 5.7	cl. 5.8	Pass
Durability of operational reliability: electrical stability	cl. 5.2, 5.12	cl. 5.3, 5.13	Pass

Nová Dubnica, December 20th, 2019



Marek H u d á k
Director NB