



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0723

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

Wireless combined smoke and heat detector JA-150ST

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

JABLOTRON ALARMS a.s.

Pod Skalkou 4567/33, 466 01 Jablonec nad Nisou, Czech Republic

and produced in the manufacturing plant

VAT No. 5 4403017266193470

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 54-7: 2018,
EN 54-25: 2008, EN 54-25: 2008/AC: 2010,**

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 01st, 2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 01st, 2020




Marek Hudák
Director NB

053825

Annex to Certificate No. 1293 - CPR – 0723 from December 01st, 2020

Technical specifications

This product is part of Jablotron JA-100. It is used to detect fire hazards in commercial or residential interiors. It is designed for installation in industrial environments. The detector communicates wirelessly and is powered by three AA batteries.

It consists of two separate detectors - optical smoke detector and temperature detector. Optical smoke detector operates on the principle of scattered light and is very sensitive to larger particles, which are dense smokes, is less sensitive to small particles from burning liquids such as alcohol. Therefore, the built detector temperature, which has a slower response, but the fire rapidly rising heat with little smoke detector that responds to temperatures much better. The microprocessor performs a digital analysis of these variables, which significantly increases resistance to false alarms.

Category according to EN 54-5: A2

Essential characteristics	Harmonised technical specification			Performance
	EN 54-25:2008, EN 54-25:2008/ AC:2010	EN 54-5: 2017+ A1: 2018	EN 54-7: 2018	
Operational reliability	cl. 4.2.1, 4.2.3-4.2.7, 5.3, 5.4, 6.7, 8.2.2, 8.2.4, 8.2.7-8.2.9, 8.3.1, 8.3.2, 8.3.4-8.3.6	cl. 4.2.1, 4.2.2 4.2.3=N/A 4.2.4, 4.2.5 4.2.6=N/A 4.2.7	cl. 4.2.1, 4.2.2=N/A 4.2.3, 4.2.4 4.2.5=N/A 4.2.6 - 4.2.8	Pass
Nominal activation conditions / Sensitivity	cl. 4.1, 4.2.2, 5.2, 8.3.7, 8.2.3, 8.2.6	cl. 4.3.1 - 4.3.3 4.3.4=N/A 4.3.5, 4.3.6	cl. 4.3.1 to 4.3.3	Pass
Response delay (response time)		cl. 4.4.1=N/A 4.4.2=N/A	cl. 4.4.1, 4.4.2	Pass
Performance parameters under fire conditions		---	cl. 4.6	Pass
Tolerance to supply voltage	-	cl. 4.5.1	cl. 4.5	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 8.3.9-8.3.11	cl. 4.6.1.1, 4.6.1.2=N/A	cl. 4.7.1.1, 4.7.1.2	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	8.3.12=N/A cl. 8.3.13, 8.3.14	cl. 4.6.2.1, 4.6.2.2	cl. 4.7.2.1, 4.7.2.2	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 8.3.15	cl. 4.6.3	cl. 4.7.3	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 8.3.16-8.3.19	cl. 4.6.4.1 - 4.6.4.4	cl. 4.7.4.1 - 4.7.4.4	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 8.3.20	cl. 4.6.5	cl. 4.7.5	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0508	Original certificate issued	December 14 th , 2015
2	1293-CPR-0723	New edition of standards	December 01 st , 2020

Nová Dubnica, December 01st, 2020




 Marek Hudák
 Director NB