



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0397

In compliance with the Regulation 305/2011/EU 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

Wired combined smoke and heat detector SD-283ST

For specifications see Annex

produced by

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 and the performances described in Annex ZA of the standards

**EN 14604:2005/AC: 2008, EN 54-7: 2000/A2: 2006,
EN 54-5: 2000/A1: 2002**

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on March 25, 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, March 25, 2014



Marek Hudák
Marek Hudák
Director NB



050274

Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.

Annex to Certificate No. 1293 - CPR - 0397 from March 25, 2014

General Information:

The SD-283ST is used to detect fire hazards in the interior of residential or commercial buildings. The detector is also suitable for installing in caravan trailers or mobile homes. The product is not designed to be installed in industrial premises. When the detector is installed in caravan trailers, use only the "smoke only" or "both smoke and heat" settings.

The detector indicates fire hazard using the built-in LED indicator and acoustic signalling. The detector can also be powered from an external 12 V DC source or from the alarm system control panel and it provides ALARM and TMP outputs. When the detector is used with inserted batteries (3x 1.5 V AA), it can continue operating as a stand-alone detector when the external 12 V power supply is disconnected. The SD-283ST consists of two independent detectors – an optical smoke detector and a heat detector. The optical smoke detector works on the principle of scattered light. It is very sensitive to large dust particles which are present in dense smoke. It is less sensitive to smaller particles generated by the combustion of liquids such as alcohol. That is why the fire detector also contains a built-in heat detector which has a slower reaction but is much better at detecting fire which generates only a small amount of smoke. Any particular conditions applicable to the use of the product: See instruction for use no. MLW54900

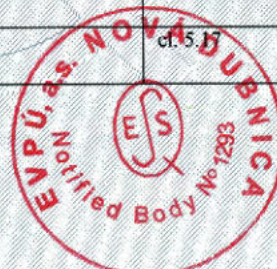
Technical information

Power:	9 – 15 V DC / 5 mA / 15 mA or 3 pcs of AA 1.5 V alkaline batteries
Typical lifetime:	approx. 3 years
Smoke detection:	optical light scattering
Heat detection:	class A1 according to EN 54-5
Alarm temperature:	+ 60 °C to +65°C
Operating temperature range:	-10 to +70°C
Dimensions, weight:	diameter 126 mm, height 52 mm, 150 g

Products parameters:

Essential characteristics	Performance	Harmonised technical specification		
		EN 14604:2005/AC:2008	EN 54-7:2000/A2:2006	EN 54-5:2000/A1:2002
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	cl. 4.12 5.2-5.6, 5.15 5.17, 5.18	cl. 5.2-5.4, 5.6, 5.7, 5.18	cl. 4.2, 4.3, 5.2-5.4, 5.6, 5.8
Operational reliability	Pass	cl. 4.1, 4.2 4.5-4.7, 4.9 4.10, 4.13-4.17 4.19, 5.11 5.16, 5.22, 5.24	cl. 4.2, 4.4, 4.5, 4.7 4.9-4.11	cl. 4.4, 4.6, 4.9-4.11
Tolerance to supply voltage	Pass	cl. 5.21	cl. 5.5	cl. 5.7
Durability of operational reliability and response delay: temperature resistance	Pass	cl. 5.7, 5.8	cl. 5.8, 5.9	cl. 5.9
Durability of operational reliability: vibration resistance	Pass	cl. 5.12, 5.13	cl. 5.13-5.16	cl. 5.14-5.17
Durability of operational reliability: humidity resistance	Pass	cl. 5.9	cl. 5.10, 5.11	cl. 5.11, 5.12
Durability of operational reliability: corrosion resistance	Pass	cl. 5.10	cl. 5.12	cl. 5.13
Durability of operational reliability: electrical stability	Pass	cl. 5.14	cl. 5.17	cl. 5.18

Nová Dubnica, March 25, 2014




 Marek Hudák
 Director NB