



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0493

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

Self-powered outdoor siren for fire alarm systems TFES01

For specifications see Annex

produced for

TECNOALARM s.r.l.

Via Cirie 38, 10099 San Mauro – Torino, Italy

and produced in the manufacturing plant

TECNOALARM s.r.l.

Strada del Cascinotto 139/54, Torino, 10154, Italy

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 54-3: 2001/A2: 2006

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

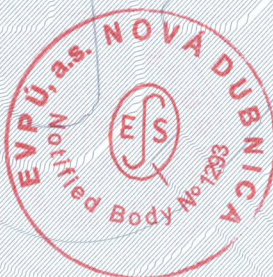
This certificate was first issued on June 03, 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, June 03, 2015



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



Marek H u d á k
Director NB

Annex to Certificate No. 1293 - CPR - 0493 from June 03, 2015

Self-powered outdoor siren with high-efficiency LED flashlight
Fire-resistant ABS enclosure composed of red cover and black bottom containing the electronic board, the loudspeaker and a 12V/2.1Ah battery
Red flashlight signaling during alarm
Input power: 24V DC provided by a step-down DC-DC converter for battery recharge @ 13.8V DC (12V/2.1Ah)
Programmable sound type (15 types) (see appendix D EN54-3 "Reference for European sound patterns")
Direct connection or through input-output modules to TFA series fire alarm panels from Tecnofire
Alarm release through reversed polarity on the terminals 3 and 4

Electrical specifications:

Nominal power supply	24Vdc (from 18VDC to 33Vdc)
IP degree	33C
Power consumption (typical)	10mA
Power consumption (max)	50mA
Power consumption (max in alarm condition)	350mA
Operating temperature	From -25 °C to +70 °C
Type	B, for outdoor use

Products parameters:

Essential characteristics	Performance	Harmonised technical specification
		EN 54-3:2001+A1:2002+A2:2006
Performance under fire conditions	Pass	cl. 4.2, 4.3, 5.2, 5.3
Operational reliability	Pass	cl. 4.4, 4.5, 4.6, 5.4
Durability of operational reliability and response delay: temperature resistance	Pass	cl. 5.5, 5.6, 5.7, 5.8, 5.9
Durability of operational reliability: humidity resistance	Pass	cl. 5.8, 5.9
Durability of operational reliability: shock and vibration resistance	Pass	cl. 5.12 to 5.15
Durability of operational reliability: corrosion resistance	Pass	cl. 5.11
Durability of operational reliability: electrical stability	Pass	cl. 5.16
Durability of operational reliability: resistance to ingress	Pass	cl. 5.17

Nová Dubnica, June 03, 2015



Marek H u d á k
Director NB