



EVPU®

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0493 Rev.1

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of March 9th, 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 to this certificate

placed on the market under the name or trade mark of

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, 10154 Torino, Italy

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-3: 2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006

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 June 03rd, 2015 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, February 16th, 2026



Robert Janiga
Head of NB No. 1293

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Identification number: 31 562 507
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Annex to Certificate No. 1293 - CPR – 0493 Rev.1 from February 16th, 2026

General Information:

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

Product parameters:

Essential characteristics	Harmonised technical specifications	Performance
	EN 54-3:2001 EN 54-3:2001/A1:2002 EN 54-3:2001/A2:2006	
Performance under fire conditions	cl. 4.2, 4.3, 5.2, 5.3,	Pass
Operational reliability	cl. 4.4, 4.5, 4.6, 5.4	Pass
Durability of operational reliability: temperature resistance	cl. 5.5, 5.6, 5.7, 5.8, 5.9	Pass
Durability of operational reliability: humidity resistance	cl. 5.8, 5.9, 5.10=N/A	Pass
Durability of operational reliability: corrosion resistance	cl. 5.11	Pass
Durability of operational reliability: shock and vibration resistance	cl. 5.12 to 5.15	Pass
Durability of operational reliability: electrical stability	cl. 5.16	Pass
Durability of operational reliability: resistance to ingress	cl. 5.17	Pass

The Self-powered outdoor siren for fire alarm systems TFES01 was also tested in accordance with EN 54-3: 2014 + A1: 2019.

History of certification:

No.	Certificate No.	Description	Date of issue
1.	1293-CPR-0493	Original CPR certificate issued	June 03 rd , 2015
2.	1293-CPR-0493 Rev.1	Additional tests according to the standard EN 54-3: 2014 + A1: 2019	February 16 th , 2026

Nová Dubnica, February 16th, 2026




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