EVPÚ®

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0526

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

Addressable heat detector TFDA-TR1

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 standard

EN 54-5:2000 + A1:2002, EN 54-17:2005/AC:2007

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on April 15, 2016 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 confditions in the plant are not modified significantly.

EVPÚ, a.s. NOVÁ DUBNICA Notified Body No 1293

Nová Dubnica, April 15, 2016

Marek Hudák
Director NB

The CE 1293 Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.

049996

Annex to Certificate No. 1293 - CPR - 0526 from April 15, 2016

General Information

TFDA-TR1 is a heat detector with programmable suffixes and which can be connected to the TFA series fire alarm panels from Tecnofire.
The class can be A or B (the value of the static response temperature depends to the programmed class). The Suffix is programmable as S or R for each class. Functioning is supervised by a microprocessor the algorithm of which guarantees high performance in the detection of the ambient temperature. The detector is equipped with a loop isolator which, in case of failure, disconnects the detector from the loop in order to safeguard the correct functioning of the devices connected downstream and upstream.
The LED blinks if the detector is in stand by and is ON during the alarm.
The detection logic is determined by the class and the suffix programmed on the control panel.

Technical spcifications:

Thermal class, selectable from the control panel	A1/A2, B
Suffix, selectable from the control panel	R, S, No Suffix
Power supply	Over loop
Rated voltage	24V DC
Operating voltage	18 V - 30 V DC
Consumption in stand by	350µA@24VDC
Consumption in alarm	1,5mA@24VDC

Products parameters:

Essential characteristics	Harmonised technical specification		Performance
	EN 54-5:2000 +A1:2002	EN 54-17:2005 +AC:2007	
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	cl. 4.2, 4.3, 5.2 to 5.6, 5.8	cl. 5.2	Pass
Operational reliability	cl. 4.4, 4.5=N/A, 4.6 to 4.11	cl. 4	Pass
Tolerance to supply voltage	cl. 5.7	-	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.9, 5.10=N/A	cl. 5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	cl. 5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	cl. 5.11, 5.12	cl. 5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	cl. 5.13	cl. 5.8	Pass
Durability of operational reliability: electrical stability	cl. 5.18	cl. 5.3, 5.13	Pass

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Nová Dubnica, April 15, 2016

Marek H u d á k
Director NO