



EVPU®

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0848 Rev.2

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

**Intelligent analogue addressable sounder with strobe base
SensoIRIS CSST, Belinda CSST, Erida CSST, Marl CSST,
Smoke sense CSST, MAGPRO-DBSS1**

For specifications see Annex No. 1 and No. 2 to this certificate

placed on the market under the name or trade mark of

**Teletek Electronics JSC,
2, Iliyansko Shose Str., NPZ Voenna Rampa, 1220 Sofia, Bulgaria**

and produced in the manufacturing plant

**Teletek Electronics JSC,
2, Iliyansko Shose Str., NPZ Voenna Rampa, 1220 Sofia, Bulgaria**

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 July 19th, 2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, July 19th, 2024

Michal Mišiak
Head of CB NB No. 1293

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Annex No. 1 to Certificate No. 1293 - CPR – 0848 Rev.2 from July 19th, 2024

Technical specifications

SensolRIS CSST (and derived variants Belinda CSST, Erida CSST, Marl CSST, Smoke sense CSST, MAGPRO-DBSS1) is an addressable sounder with strobe base, compatible for mounting on all models' standard bases for SensolRIS devices. The sounder is designed for installing in addressable fire alarm systems which support operation via TTE communication protocol. The device is powered on from the panel and can be controlled via the communication protocol.

The sounder supports 32 different tone types at two sound levels. The tone type and sound level are programmed from the control panel.

The sounder is compatible for operation with SensolRIS addressable detectors series:

T110 (IS), S130 (IS) and M140 (IS).

The sounder is compatible for mounting on the following bases:

1. SensolRIS B124 - Standard low profile base for addressable detectors and sounders.
2. SensolRIS B124-HP - Standard high profile base for addressable detectors and sounders.

Products parameters (Part 1)

Operating Voltage Range 16 - 32VDC (Nom. 27VDC)

Maximal consumption at communication 470 μ A@27VDC

Maximal consumption (main tone type 27)

- low volume level

3mA@27VDC

- high volume level

10mA@27VDC

Power volume (main tone type 27)

- low volume(up to 100pcs sounders* to the loop)

~ 81dB (A) \pm 3dB @ 1m

- high volume(up to 30pcs sounders* to the loop)

~ 88dB (A) \pm 3dB @ 1m

Power volume (other tone types)

- low volume(up to 100pcs sounders* to the loop)

~ 81dB \pm 3dB @ 1m

- high volume(up to 30pcs sounders* to the loop)

~ 87dB \pm 3dB @ 1m

Tone type specification

Tone type 1

970 Hz

Tone type 2

800Hz/970Hz@2Hz

Tone type 3

800Hz - 970Hz@ 1Hz

Tone type 4

970Hz 1s OFF/1s ON

Tone type 5

970Hz 0,5s / 630 Hz, 0,5 s

Tone type 6

554 Hz, 0.1s /440 Hz, 0.4 s (AFNOR NF S 32 001)

Tone type 7

500 – 1200 Hz, 3.5s / 0.5s OFF (NEN 2575:2000)

Tone type 8

420 Hz 0.625s ON/0.625 OFF (Australia AS1670 Alert tone)

Tone type 9

500-1200Hz, 0.5s/0.5s OFF x 3/1.5s OFF (AS 1670 Evacuation)

Tone type 10

550 Hz /440 Hz@ 0.5 Hz

Tone type 11

970 Hz, 0.5s ON / 0.5s OFFx 3/1.5s OFF (ISO 8201)

Tone type 12

2850 Hz, 0.5s ON/ 0.5s OFF x 3/1.5s OFF (ISO8201)

Tone type 13

1200 Hz – 500 Hz @ 1 Hz (DIN 33 404)

Tone type 14

400 Hz

Tone type 15

550 Hz, 0.7 s / 1000 Hz, 0.33 s

Tone type 16

1500 Hz - 2700 Hz @ 3 Hz

Tone type 17

750 Hz

Tone type 18

2400 Hz

Tone type 19

660 Hz

Tone type 20

660 Hz 1.8 s ON / 1.8 s OFF



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Annex No. 2 to Certificate No. 1293 - CPR – 0848 Rev.2 from July 19th, 2024

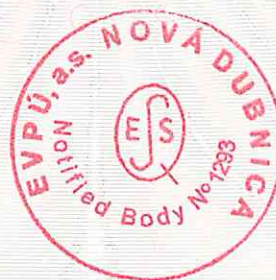
Products parameters (Part 2)

Tone type 21	660 Hz 0.15 s ON / 0.15 s OFF
Tone type 22	510 Hz 0.25 s / 610 Hz 0.25s
Tone type 23	800/1000 Hz 0.5s each (1 Hz)
Tone type 24	250 Hz – 1200 Hz @ 12 Hz
Tone type 25	500 Hz – 1200 Hz @ 0.33 Hz
Tone type 26	2400 Hz – 2900 Hz @ 9 Hz
Tone type 27	2400 Hz – 2900 Hz @ 3 Hz
Tone type 28	800 Hz – 970 Hz @ 100 Hz
Tone type 29	800 Hz – 970 Hz @ 9 Hz
Tone type 30	800 Hz – 970 Hz @ 3 Hz
Tone type 31	800 Hz 0.25s ON / 1 s OFF
Tone type 32	600 Hz – 1100 Hz, 2.6s / 0.4s OFF
Number of tone types	32
Frequency of strobe flash	1 Hz
Relative humidity	(93±3)% @ +40°C
Sounder type	A
Color	white
Material	PC, transparent
Dimensions	Φ105x22mm
Weight	~120g
*SensolRIS CSST	

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, C.3.1=N/A, C.3.2=N/A, C.5.1 to C.5.3=N/A	Pass
Operational reliability	cl. 4.4 to 4.6, 5.4, C.4=N/A	Pass
Durability of operational reliability: temperature resistance	cl. 5.5, 5.6=N/A, 5.7 to 5.9	Pass
Durability of operational reliability: humidity resistance	cl. 5.8, 5.9, 5.10=N/A	Pass
Durability of operational reliability: shock and vibration resistance	cl. 5.12 to 5.15	Pass
Durability of operational reliability: corrosion resistance	cl. 5.11	Pass
Durability of operational reliability: electrical stability	cl. 5.16	Pass
Durability of operational reliability: resistance to ingress	cl. 5.17	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0848	Original certificate issued	December 2 nd , 2022
2	1293-CPR-0848 Rev.1	New location of the company	November 6 th , 2023
3	1293-CPR-0848 Rev.2	Editorial correction	July 19 th , 2024



Nová Dubnica, July 19th, 2024

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Head of CB NB No. 1293

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