NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0935

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 interactive analogue addressable fire alarm control panel
SIMPO X
MARL X, AURORA X

For specifications see Annex 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 54-2: 1997, EN 54-2: 1997/AC: 1999, EN 54-2: 1997/A1: 2006,
EN 54-4: 1997, EN 54-4: 1997/AC: 1999, EN 54-4: 1997/A1: 2002,
EN 54-4: 1997/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 16th 2025 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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

Nová Dubnica, June 16th 2025

Michal M i š i a k
Head of CB NB No. 1293

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Annex 1 to Certificate No. 1293 - CPR - 0935 from June 16th, 2025

Technical Specifications

Simpo X and derived types MARL X, AURORA X are addressable fire panels with maximum coverage of 48 zones and connecting and up to 2 loops. The panels supports communication protocol Teletek Electronics (SIMPO/SIMPO X LOOP Expander) and operation with Sensolris addressable devices series. The front of panel consists of LCD screen display, functionals buttons,and system status LED. The fire alarm pnels are designed on module structure as in the metal cabinet there are provided additional places for mounting of a second loop controller for Loop 2 (Loop 1 is built-in the main PCB), redundant network module or EVAC module for connection to voice evacuation system.

- Loops - 1 to 2:
  - Loop 1 is built-in in the main board
  - Loop 2 – optional, separately mounted to the main control panel
- Number of loop devices:
  - Up to 250 devices (modules and/ or detectors regardless of the type) for every loop (max. 500 for the entire system)
- 48 operation zones (Note: Zone numbers 17-48 do not cover the requirements of EN54-2/4. There is no LED indication for the status of zones 17-48 on the front panel.)
- 9 groups for zones' organization
- 5 monitored potential outputs:
  - SND1 (Sounder 1)
  - SND2 (Sounder 2)
  - FIRE
  - FAULT (The output is deactivated in case of fault event.)
  - EXT (Extinguishing/ Fire Protection – An output for sending a fire alarm signal to automatic fireextinguishing system)
- 3 specialized inputs:
  - In AmC (Input Alarm Confirmation)
  - In PC (Input Protection Alarm Confirmation)
  - In FP (Input Fault Protection Panel)
- 4 non-monitored, programmable relay outputs with parameters: 10A@24VDC
- Display – letter and digits LCD screen display
- Built-in real time clock, supported from integrated lithium battery - 3V, CR3032 type
- Memory log file for up to 10000 system events
- Comprehensive day/night mode facility
- 2 Steps of alarm levels (T1 and T2)
- Supports external thermal printer
- Multilanguage support for operation menus
- Easy software update via computer or USB-C drive
- Built-in LAN interface
- Built-in RS232 and RS485 interface
- Designed according the requirements of EN 54-2/4
- Metal box cabinet for wall mounting: bottom (306x412x81mm) and cover (310x416mm)
- Main Power supply: 230VAC
- Frequency: 50/60Hz
- Degree of protection: IP30

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Annex 2 to Certificate No. 1293 - CPR - 0935 from June 16th, 2025

List of optional functions with requirements included in the C.I.E EN 54-2

Clause	Description	Yes	No
7.8	Output to the fire alarm device	Yes	
7.9	Control of fire alarm routing equipment	Yes	
7.9.1	Output to fire alarm routing equipment	Yes	
7.9.2	Alarm confirmation input from fire alarm routing equipment	Yes	
7.10	Output to fire protection equipment	Yes	
7.10.1	Output type A	No	
7.10.2	Output type B	No	
7.10.3	Output type C	Yes	
7.10.4	Fault monitoring of fire protection equipment	Yes	
7.11	Delay to outputs	Yes	
7.12	Dependencies on more than one alarm signal	Yes	
7.12.1	Type A dependency	No	
7.12.2	Type B dependency	Yes	
7.12.3	Type C dependency	No	
7.13	Alarm counter	Yes	
8.3	Fault signals from points	Yes	
8.4	Total loss of the power supply	No	
8.9	Output to fault warning routing equipment	Yes	
9.5	Disablement of addressable points	Yes	
10	Test condition	Yes	
11	Standardized input/output interface	No	

Essential characteristics	Harmonised technical specification		Performance
	EN 54-2:1997 EN 54-2:1997 /AC:1999 EN 54-2:1997 /A1:2006	EN 54-4:1997 EN 54-4:1997 /AC:1999 EN 54-4:1997 /A1:2002 EN 54-4:1997 /A2:2006	
Performance under fire conditions	cl. 4, 5, 7	---	Pass
Performance of power supply	---	cl. 4 to 6	Pass
Response delay (response time to fire)	cl. 7.1, 7.7, 7.11, 7.12	---	Pass
Operational reliability	cl. 4 to 10, 11=N/A, 12 to 14	cl. 4 to 8	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 15.4	cl. 9.5	Pass
Durability of operational reliability: vibration resistance	cl.15.6,15.7,15.15	cl. 9.7, 9.8, 9.15	Pass
Durability of operational reliability: electrical stability	cl. 15.8, 15.9 to 15.12=N/A, 15.13	cl. 9.9, 9.10 to 9.13=N/A	Pass
Durability of operational reliability: humidity resistance	cl. 15.5, 15.14	cl. 9.6, 9.14	Pass

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