



ЕС НОТИФИЦИРАН ОРГАН № 2918
NOTIFIED BODY № 2918

СЕРТИФИКАТ ЗА ПОСТОЯНСТВО НА ЕКСПЛОАТАЦИОННИТЕ ПОКАЗАТЕЛИ CERTIFICATE OF CONSTANCY OF PERFORMANCE

2918-CPR-01.025.2023

In compliance with Regulation (EU) No 305/2011 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

Expandable addressable fire alarm control panel iRIS4 with derivative names IRIS 1-4 M, SensoIRIS and MAGPRO9601

with parameters (levels and classes of performance of the construction product, identification and intended use), given in Appendices 1 and 2 to the Certificate with a total of three pages, which form an integral part thereof;

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 standards

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 08th June 2023 and will remain valid as long as neither the harmonized standard, the construction product, the testing methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



VALIDITY

Signature:

Prof. Dr. Eng. Veselin Simeonov

Director of the Assessment Department

Sofia

08th June 2023

Digital version of the Certificate!

**„Пожарна сертификация
и инспекция“ ЕООД**

Fire Certification and
Inspection Ltd.

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1. Technical specification:

The expandable addressable fire alarm control panel iRIS4 is designed for installing in addressable fire alarm systems. The panel supported up to 4 loops (IRIS Loop Expander TTE), with the possibility to connect up to 250 addressable fire alarm devices to each system loop. System status is visualized via Touchscreen display and LED indication, including a separate LED indication for over 90 zones. More than 60 iRIS4 panels can be connected in a backup network by means of RS485 redundant connection or Ethernet connection. Direct programming with ProTE software is available.

2. Essential characteristics of the addressable fire alarm panel, according to EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006:

Essential characteristics	Clauses in this European Standard	Performance
Performance under fire conditions:		
- general requirements	4	PASS
- general requirements for indications	5	PASS
- the fire alarm condition	7	PASS
Response delay (response time to fire):		
- reception and processing of fire signals	7.1	PASS
- output of the fire alarm condition:	7.7	PASS
- delays to outputs	7.11	PASS
- dependencies on more than one alarm signal	7.12	PASS
Operational reliability:		
- general requirements	4	PASS
- general requirements for indications	5	PASS
- the quiescent condition	6	PASS
- the fire alarm condition	7	PASS
- fault warning condition	8	PASS
- disabled condition	9	PASS
- test condition	10	PASS
- standardized input/output interface	11	NA*
- design requirements	12	PASS
- additional design requirements for software controlled control and indicating equipment	13	PASS

Essential characteristics	Clauses in this European Standard	Performance
- marking	14	PASS
Cold (operational)	15.4	PASS
Durability of operational reliability - Vibration resistant:		
- impact (operational)	15.6	PASS
- vibration, sinusoidal (operational)	15.7	PASS
- vibrations, sinusoidal (endurance)	15.15	PASS
Durability of operational reliability - Electrical stability:		
- electromagnetic compatibility (EMC), immunity tests (operational)	15.8	PASS
- supply voltage variation (operational)	15.13	PASS
Durability of operational reliability - Humidity resistance:		
- Damp heat, steady state (operational)	15.5	PASS
- Damp heat, constant mode (endurance)	15.14	PASS

*NA – not applicable

3. Essential characteristics of the power supply equipment, according to EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006

Essential characteristics	Clauses in this European Standard	Performance
Technical characteristics of the power supply:		
- general requirements	4	PASS
- functions	5	PASS
- materials, design and manufacture	6	PASS
Operational reliability:		
- general requirements	4	PASS
- functions	5	PASS
- materials, design and manufacture	6	PASS
- documentation	7	PASS
- marking	8	PASS
Cold (operational)	9.5	PASS
Durability of operational reliability - vibration resistance:		
- impact (operational)	9.7	PASS
- vibration, sinusoidal (operational)	9.8	PASS
- vibration, sinusoidal (endurance)	9.15	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	9.9	PASS
Durability of operational reliability - humidity resistance:		
- damp heat, steady state (operational)	9.6	PASS
- damp heat, steady state (non-operational)	9.14	PASS

The validity of this certificate can be checked on our website: <https://firecert.eu/bg/c/register>

Signature:

Prof. Dr. Eng. Veselin Simeonov
Director of the Assessment Department

Sofia
08th June 2023