

# CERTIFICATE

## of constancy of performance

### 1922 - CPR - 1681

In compliance with Regulation (EU) 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

**Fire detection and fire alarm systems. Control and indicating equipment. Power supply equipment.**

**LINCE 2400-ELITE-LOOP-1 INTELLIGENT ADDRESSABLE FIRE ALARM PANEL, 1 LOOP, NETWORKABLE**

**LINCE 2421-ELITE-LOOP-1R INTELLIGENT ADDRESSABLE FIRE ALARM PANEL, 1 LOOP, NETWORKABLE(RED)**

**LINCE 2401-ELITE-LOOP-2 INTELLIGENT ADDRESSABLE FIRE ALARM PANEL, 2 LOOP, NETWORKABLE**

**LINCE 2422-ELITE-LOOP-2R INTELLIGENT ADDRESSABLE FIRE ALARM PANEL, 2 LOOP, NETWORKABLE(RED)**

(with the performance listed, see Annex I and II to 1922-CPR-1681 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

**Lince Italia S.r.l.**

**Via Variante di Cancelliera, snc - 00072 - Ariccia (RM) - Italy**

and produced in the manufacturing plant of

**BT-001**

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/A1:2006, EN 54-2:1997/AC:1999 and EN 54-4:1997, 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 03.11.2021 and will remain valid until 03.11.2022 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address [www.dedal-bg.net](http://www.dedal-bg.net).



Attestation & Certification

Manager:



arch. Galina Vasileva

Issued:  
Burgas, 03 November 2021

Ref. No. 01-00

## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1681/03.11.2021 (page 1 of 2)

Performance list, acc. to EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999

Essential Characteristics	Performance	Clause
<b>Performance under fire conditions</b>		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The fire alarm condition	Pass	7
<b>Response delay (response time to fire)</b>		
- Reception and processing of fire signals	Pass	7.1
- Output of the fire alarm condition	Pass	7.7
- Delay to outputs	Pass	7.11
- Dependencies on more than one alarm signal	N/A	7.12
<b>Operational reliability</b>		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The quiescent condition	Pass	6
- The fire alarm condition	Pass	7
- Fault warning condition	Pass	8
- Disabled condition	Pass	9
- Test condition	Pass	10
- Standardized input/output interface	N/A	11
- Design requirements	Pass	12
- Additional design requirements for software controlled control and indicating equipment	Pass	13
- Marking	Pass	14
<b>Durability of operational reliability, temperature resistance</b>		
- Cold (operational)	Pass	15.4
<b>Durability of operational reliability, vibration resistance</b>		
- Impact (operational)	Pass	15.6
- Vibration, sinusoidal (operational)	Pass	15.7
- Vibration, sinusoidal (endurance)	Pass	15.15
<b>Durability of operational reliability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	15.8
- Supply voltage variations	Pass	15.13
<b>Durability of operational reliability, humidity resistance</b>		
- Damp heat, steady state (operational)	Pass	15.5
- Damp heat, steady state (endurance)	Pass	15.14



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Performance list, acc. to EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999

Essential Characteristics	Performance	Clause
<b>The fire alarm conditions</b>		
- Output to fire alarm devices (option with requirements)	Pass	7.8
- Alarm Counter (Option with requirements)	Pass	7.13
<b>Fault warning condition</b>		
- Fault Signals From Points (Option with requirements)	Pass	8.3
<b>Disabled condition</b>		
- Disabling of addressable points (Option with requirements)	Pass	9.5

### Axillary components:

- LINCE 2403-ELITE-LOOP-RP Intelligent Addressable Repeater Panel
- LINCE 2425-ELITE-LOOP-RPZ Intelligent Addressable Repeater Panel (72 Zone Display)
- LINCE 2404-TFC-1209 Network Module
- LINCE 2427-TFC-1201 Loop Board

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## ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1681/03.11.2021 (page 1 of 1)

Performance list, acc. to EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006

Essential Characteristics	Performance	Clause
<b>Performance of power supply</b>		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
<b>Operational reliability</b>		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
- Documentation	Pass	7
- Marking	Pass	8
<b>Durability of operational reliability, temperature resistance</b>		
- Cold (operational)	Pass	9.5
<b>Durability of operational reliability, vibration resistance</b>		
- Impact (operational)	Pass	9.7
- Vibration, sinusoidal (operational)	Pass	9.8
- Vibration, sinusoidal (endurance)	Pass	9.15
<b>Durability of operational reliability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	9.9
<b>Durability of operational reliability, humidity resistance</b>		
- Damp heat, steady state (operational)	Pass	9.6
- Damp heat, steady state (endurance)	Pass	9.14

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