

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *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

PHS102DS	Smoke/heat detector
PHS102DS-2-LED	Smoke/heat detector with output for LED
PHS102DS-4-12	Smoke/heat detector with 12V relay
PHS102DS-4-24	Smoke/heat detector with 24V relay

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

PH Svesis S.A.
Vrises – 69th km National Road
Athens, Lamia
34100, Greece

and produced in the manufacturing plant:

CPA10001

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-7:2000/A1:2002 : **Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors**
EN 54-7:2000/A2:2006 **using scattered light, transmitted light or ionization**

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2020-01-20**.

This certificate will remain valid as long as neither the harmonized 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2020-01-20.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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DBI Certification A/S

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 **DANAK**
Prod. Reg. Nr. 7023

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Annex 1

EXTENT

Type:

PHS102DS Smoke detector optical
PHS102DS-2-LED Smoke detector optical, with output for LED
PHS102DS-4-12 Smoke detector optical, with 12V relay
PHS102DS-4-24 Smoke detector optical, with 24V relay

Bases:

P/N 772912 2 wire base for detectors
P/N 774912 4 wire base for detectors
P/N 882912 2 wire base for detectors (high version)
P/N 884912 4 wire base for detectors (high version)

Performance

Essential characteristics	Clauses in EN 54-7:2000	Performance
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	Pass
Durability of operational reliability; vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability; humidity resistance	5.10, 5.11	Pass
Durability of operational reliability; corrosion resistance	5.12	Pass
Durability of operational reliability; electrical stability	5.17	Pass

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
DELTA <i>Danish Electronics, Light & acoustics</i> Venlighedsvej 4 2970 Hørsholm Denmark	DANAK-199728 Project no.: E810164-2	2004-06-04
DELTA	Statement concerning alternative base for detectors	2004-09-03

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Annex 3

TECHNICAL BASIS

File Number	Title	Date
Documentation summarization	NB 338 Smoke/Heat detector, 10-0009-r01_NB338	2014-06-27

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