

Certificate of constancy of performance

0832-CPR-F0649

In compliance with Regulation 305/2011/EU of the European Parliament and of the council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

S3500 Conventional Class P Heat Detector

(For full product details and conditions of use refer to appendix)

Produced by or for

Argus Security S.r.l

**Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy**

and produced in the manufacturing plant(s)

Argus Security S.r.l

**Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 54-5:2000 + A1:2002 - Heat detectors - Point detectors

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 29 July 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



S Patrick, Certification Manager
On behalf of BRE Global Limited
Date of issue: 29 July 2014
Issue number: 01

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Appendix to Certificate of constancy of performance 0832-CPR- F0649

Note:

1. Meets the requirements of EN 54-5 for Class A1R and Class B

Base:

UB100	Universal adaptor base
DBS100	Deep adaptor base
UBR100	Universal adaptor base with resistor
DBSR100	Deep adaptor base with resistor
UBDR100	Universal adaptor base with resistor and Schottky diode
DBSRD100	Deep adaptor base with resistor and Schottky diode



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On behalf of BRE Global Limited
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EC DECLARATION OF CONFORMITY

Manufacturer:

Argus Security S.r.l

via del Canneto 14 – Valle delle Noghere
34015 Muggia - Trieste
Italy

Product (family):

AURORA Conventional Devices

Product Code:

S1000 – S3500

Use:

fire detection and alarm system

Have been third party tested and certified by: BRE / LPCB - Notified Body Number: 0832

We hereby declare that the products identified above met the requirements of the following Standards:

- **EN 50130-4** EMC Directive
- **89/106/CEE** Construction Products Directive
- **2006/95/EC** Low Voltage Directive
- **EN54-5: 2000 + A1:2002** - Heat Detectors Point Detectors
- **EN54-7:2000 + A1:2002 + A2:2006** - Smoke Detectors Point Detectors using scattered light transmitter light or ionization

For and on behalf of
Argus Security srl:

Vincenzo Nesta
Managing Director

ARGUS SECURITY
S.r.l.

Trieste, 01 March 2012



CPR - DECLARATION of PERFORMANCE

N° AU0210CPR (Conformity EU 305/2011)

1. Unique identification code of the product type:

S1000
S3500

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR:

S1000 Conventional Photo Smoke Detector
S3500 Conventional Class P Heat Detector

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in compatible fire detection and alarm system

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5):

ARGUS SECURITY Srl
Via del Canneto 14
Valle delle Noghere
34015 Muggia - Trieste – Italy
info@argussecurity.it www.argussecurity.it

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by harmonized standard:

S1000: EN 54-7:2000+ A1:2002+A2:2006
S3500: EN 54-5:2000+A1:2002

Bre Global Ltd, N.B. No. 0832, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the certificate confirming constancy of the conformity of the factory production control

Product code:
S1000
S3500

LPCB Certificate:
928e/02
928d/02

LPCB CPR Reference:
0832-CPR-F0648
0832-CPR-F0649

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

N/A

9. Declared performance:

ESSENTIAL CHARACTERISTICS	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 5.6, 5.8, 6.2 (Suffix R)	PASS	EN 54-5:2000+A1:2002
Operational reliability	4.4 to 4.11	PASS	
Tolerance to supply voltage	5.7	PASS	
Durability of operational reliability and response delay; temperature resistance	5.9, 5.10	PASS	
Durability of operational reliability; vibration resistance	5.14 to 5.17	PASS	
Durability of operational reliability; humidity resistance	5.11, 5.12	PASS	
Durability of operational reliability; corrosion resistance	5.13	PASS	
Durability of operational reliability; electrical stability	5.18	PASS	
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	EN 54-7:2000+A1:2002+A2:2006
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	

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in the point 9. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ing. V.Nesta – Managing Director – Argus Security Srl, Trieste – ITALY

Trieste, 13 May 2014



ARGUS SECURITY
S.r.l.
Vincenzo Nesta
Managing Director

Certificate of Product Approval

Certificate Number: 928d

Issue: 13

Argus Security S.r.l

Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Heat Detectors

LV350
S3500
A3500L

(Refer to Appendix for details)

Standards

EN 54-5:2000 + A1:2002

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for LPCB

M McCullagh

Verifier

28 October 2014

Date of Issue

14 August 2009

Date of First Issue



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Appendix to Certificate No: 928d Argus Security S.r.l

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Certified Product	Description	LPCB Ref.No.
LV350	Vega-Lite Analogue Addressable Class P Heat Detector (VB100, UB100, VB100S, UB100S, VDBS100, DBS100, VDBS100S and DBS100S Bases) Note: 1. Meets the requirements of EN 54-5 for Class A1R and Class B.	928d/01
S3500	Conventional Class P Heat Detector (UB100, DBS100, UBR100, DBSR100, UBDR100 and DBSRD100 Bases) Note: 1. Meets the requirements of EN 54-5 for Class A1R and Class B	928d/02
A3500L	Altair Lite Addressable Class P Heat Detector (LAB1000 Base) Note: 1. Meets the requirements of EN 54-5 for Class A1R, Class B and Class BS	928d/03

Product Extras

Bases

VB100	Vega Adaptor Mounting Base (with Link Resistor)
UB100	Universal Adaptor Base
VB100S	Vega Adaptor Base with Shorting Clip
UB100S	Universal Adaptor Base with Shorting Clip
VDBS100	Vega Deep Adaptor Base
DBS100	Deep Adaptor Base
VDBS100S	Vega Deep Adaptor Base with Shorting Clip
DBS100S	Deep Adaptor Base with Shorting Clip
UBR100	Universal Adaptor Base with Resistor
DBSR100	Deep Adaptor Base with Resistor
UBDR100	Universal Adaptor Base with Resistor and Schottky
DBSRD100	Deep Adaptor Base with Resistor and Schottky Diode
VB100S	Vega Adaptor Base with Shorting Clip
LAB1000	Low Profile Adaptor Base

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Alternative Model Numbers and Labelling

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co
928d/01	LV350	HFI-TAE-01	Sterling Safety Systems Ltd	928d
928d/01	LV350	FF T200L	Finder Elektronik A.S.	928d-(cl-1)
928d/01	LV350	LV350	Argus-Spectrum Co.	928d-(cl-2)
928d/01	LV350	AT120AS	Advantronic Systems S.L.	928d-(cl-3)
928d/01	LV350	20-LV350-ADV	Advanced Electronics Limited	928d-(cl-5)
928d/01	LV350	SF3500E	Teledata S.r.l.	928d-(cl-6)
928d/01	LV350	FGHD350	Fireguard Safety Equipment Company Limited	928d-(cl-7)
928d/01	LV350	FOHD350	Fireonica Co. Ltd	928d-(cl-8)
928d/01	LV350	VELOX LV350	ATEIS Middle East FZCO	928d-(cl-9)
928d/02	S3500	GC003 D	GEZE GmbH	928d-(cl-10)
928d/02	S3500	FF T1000	Finder Elektronik A.S.	928d-(cl-1)
928d/02	S3500	AT120CM	Advantronic Systems S.L.	928d-(cl-3)
928d/02	S3500	20-AS3500-ADV	Advanced Electronics Limited	928d-(cl-5)
928d/02	S3500	X350	ATEIS Middle East FZCO	928d-(cl-9)
928d/02	S3500	FC650/TDIFF/57	Labor Strauss Sicherungsanlagenbau GmbH	928d-(cl-11)
928d/02	S3500	FC650/TMAX/78	Labor Strauss Sicherungsanlagenbau GmbH	928d-(cl-11)
928d/03	A3500L	FFT200AL	Finder Elektronik A.S.	928d-(cl-1)
928d/03	A3500L	AT420AS	Advantronic Systems S.L.	928d-(cl-3)
928d/03	A3500L	HFI-TAE-05	Sterling Safety Systems Ltd	928d-(cl-12)

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Bases

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co
928	UB100	BA100	Advantronic Systems S.L.	928
928	DBS100	BA101	Advantronic Systems S.L.	928
928	LAB1000	BA400	Advantronic Systems S.L.	928
928	VB100	VB100	Argus-Spectrum Co	928
928	UB100	UB100	Argus-Spectrum Co	928
928	VB100S	FF BS200L	Finder Elektronik A.S.	928
928	UBR100	FF UBR200	Finder Elektronik A.S.	928
928	UBDR100	FF BRD200	Finder Elektronik A.S.	928
928	VB100	FF BS200	Finder Elektronik A.S.	928
928	LAB1000	FF BS200A	Finder Elektronik A.S.	928
928	UBDR100	FC600/BRD	Labor Strauss Sicherungsanlagenbau GmbH	928
928	UB100	FC600/B	Labor Strauss Sicherungsanlagenbau GmbH	928
928	UBR100	FC600/BR	Labor Strauss Sicherungsanlagenbau GmbH	928
928	VB100	BS100E	Teledata S.r.l.	928
928	VB100S	BS100E/S	Teledata S.r.l.	928
928	UB100S	BS100/S	Teledata S.r.l.	928
928	UB100	BS100	Teledata S.r.l.	928
928	VDBS100S	HFI-DDBS-01	Sterling Safety Systems Ltd	928
928	DBS100S	HFI-DUBS-01	Sterling Safety Systems Ltd	928

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LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co
928	VB100S	HFI-DMBS-01	Sterling Safety Systems Ltd	928
928	DBS100	HFI-DUB-01	Sterling Safety Systems Ltd	928
928	DBS100S	HFI-DUBS-01	Sterling Safety Systems Ltd	928
928	VB100	HFI-DMB-01	Sterling Safety Systems Ltd	928
928	VDBS100	HFI-DOB-01	Sterling Safety Systems Ltd	928
928	UB100	HFI-UB-01	Sterling Safety Systems Ltd	928
928	UB100S	HFI-UBS-01	Sterling Safety Systems Ltd	928
928	LAB1000	HFI-DMBS-05	Sterling Safety Systems Ltd	928
928	VB100	20-VB100-ADV	Advanced Electronics Limited	928
928	UB100	20-AB100-ADV	Advanced Electronics Limited	928
928	DBS100	20-ABS100-ADV	Advanced Electronics Limited	928
928	UBR100	20-ABR100-ADV	Advanced Electronics Limited	928
928	DBSR100	20-ABSR100-ADV	Advanced Electronics Limited	928
928	UBDR100	20-ABDR100-ADV	Advanced Electronics Limited	928
928	UB100	20-AB100-ADV	Advanced Electronics Limited	928
928	DBSRD100	20-ABSRD100-ADV	Advanced Electronics Limited	928
928	VB100	VB100	Fireguard Safety Equipment Company Limited	928
928	UB100	UB100	Fireguard Safety Equipment Company Limited	928
928	VB100S	VB100S	Fireguard Safety Equipment Company Limited	928
928	UB100S	UB100S	Fireguard Safety Equipment Company Limited	928

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LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co
928	VDBS100	VDBS100	Fireguard Safety Equipment Company Limited	928
928	DBS100	DBS100	Fireguard Safety Equipment Company Limited	928
928	VDBS100S	VDBS100S	Fireguard Safety Equipment Company Limited	928
928	DBS100S	DBS100S	Fireguard Safety Equipment Company Limited	928
928	VB100	VB100	Fireonica Co. Ltd	928
928	UB100	UB100	Fireonica Co. Ltd	928
928	VB100S	VB100S	Fireonica Co. Ltd	928
928	UB100S	UB100S	Fireonica Co. Ltd	928
928	VDBS100	VDBS100	Fireonica Co. Ltd	928
928	DBS100	DBS100	Fireonica Co. Ltd	928
928	VDBS100S	VDBS100S	Fireonica Co. Ltd	928
928	DBS100S	DBS100S	Fireonica Co. Ltd	928
928	UB100	GC160 B	GEZE GmbH	928
928	VDBS100	VELOX VDBS100	ATEIS Middle East FZCO	928
928	VDBS100S	VELOX VDBS100S	ATEIS Middle East FZCO	928
928	VB100	VELOX VB100	ATEIS Middle East FZCO	928
928	UB100S	UB100S	ATEIS Middle East FZCO	928
928	UB100	UB100	ATEIS Middle East FZCO	928
928	UBR100	UBR100	ATEIS Middle East FZCO	928
928	DBSRD100	DBSRD100	ATEIS Middle East FZCO	928

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LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co
928	DBS100S	DBS100S	ATEIS Middle East FZCO	928
928	DBS100	DBS100	ATEIS Middle East FZCO	928

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