

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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DECLARATION OF CONFORMITY

Ref. DoC: AU20160131A10

Manufacturer:

Argus Security S.r.l

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

Product (family):

AURORA Conventional Detectors

Product Code:

S1000 Conventional Photo Detector - Optical Smoke
S3500 Conventional Class P - Thermal Detector

Use for:

Fire detection and alarm systems

We hereby declare that the products shown above (and any custom labelled variants) comply with the essential requirements of the following Directives and/or Regulations:

- **EMC Directive 2004/108/EC**
(from 20 April 2016 EMC Directive 2014/30/EU)
- **Construction Products Directive 89/106/EEC or**
Construction Products Regulation 2011/305/EU*
- **RoHS Directive 2011/65/EU**
- **WEEE Directive 2012/19/EU**

** Note: Refer to applicable Declaration of Performance for detailed conformity to other applicable performance standards*

*** Note: LVD not applicable to products with external operating voltages below 50VAC or 75VDC*

For and on behalf of
Argus Security Srl:

Vincenzo Nesta
Managing Director

Trieste, 31 January 2016

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

Issue: 13

| 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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Issue: 13

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-DDB-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 | GC 160 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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