

BRE Global Ireland

Notified Body No. 2831
BRE Global Assurance (Ireland) Limited
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Certificate of constancy of performance

2831-CPR-F2416

In compliance with Regulation (EU) No. 305/2011 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(s)

9-30783 Detector Module for Stratos ModuLaser (Branded AirSense)

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

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

Carrier Fire & Security B.V.
Kelvinstraat 7
NL-6003 DH
Weert
The Netherlands

and produced in the manufacturing plant(s):

Carrier Manufacturing Poland Spolka Z.o.o
ul. Kolejowa 24
39-100 Ropczyce
Poland

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

EN 54-20:2006 Aspirating Smoke Detectors

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 23 October 2019 and will remain valid 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P Halligan, Certification Engineer

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of Issue: 4 October 2022

Issue number 02

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

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APPENDIX to Certificate of constancy of performance: 2831-CPR-F2416

9-30783 Detector Module for Stratos ModuLaser (Branded AirSense)

Incorporating the following ancillary equipment:

-Apollo APIC Card for Stratos ModuLaser (Part No: 9-30430)

Notes:

1. For compliance with EN 54-20:2006, the Detector Module(s) (9-30783) must be used in conjunction with at least one of the following ancillary equipment:

- Command Display Module, (Part No: 9-30782)
- Standard Display Module, (Part No: 9-30781)
- Minimum Display Module, (Part No: 9-30780)

2. For compliance with clause 5.10 of EN 54-20:2006, all detectors and displays shall be supplied with power from a power supply conforming with the requirements of EN 54-4.

3. The device is approved for sensitivity Classes A, B and C. The Class of any pipework and hole configuration, detector sensitivity and equipment parameters must be determined using PipeCAD software.

4. The approval of the detector is conditional upon the following requirements:

- Design including accessories used, installation and commissioning are performed in accordance with the system installation manual 4-4001-501-1003.

Accessories:

9-30782 Command Display Module

9-30781 Standard Display Module

9-30780 Minimum Display Module



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Alternative Branding

FHSD8330 LaserSense ModuLaser, Detector Module (Branded Edwards)

Incorporating the following ancillary equipment:

-Apollo APIC Card for Stratos ModuLaser (Part No: 9-30430)

Notes:

1. For compliance with EN 54-20:2006, the Detector Module (FHSD8330) must be used in conjunction with at least one of the following ancillary equipment:

- LaserSense Modulaser, Command Display Module, (Part No: FHSD8320) (Branded Edwards)
- LaserSense Modulaser, Standard Display Module, (Part No: FHSD8310) (Branded Edwards)
- LaserSense Modulaser, Minimum Display Module, (Part No: FHSD8300) (Branded Edwards)

2. For compliance with clause 5.10 of EN 54-20:2006, all detectors and displays shall be supplied with power from a power supply conforming with the requirements of EN 54-4.

3. The device is approved for sensitivity Classes A, B and C. The Class of any pipework and hole configuration, detector sensitivity and equipment parameters must be determined using PipeCAD software.

4. The approval of the detector is conditional upon the following requirements:

- Design including accessories used, installation and commissioning are performed in accordance with the system installation manual 04-4001-501-2003-08.

Accessories:

FHSD8320 Command Display Module (Branded as Edwards)

FSDH8310 Standard Display Module (Branded as Edwards)

FSDH8300 Minimum Display Module (Branded as Edwards)



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9-30783-KID Senator ModuLaser, Detector Module (Branded Kidde)

Incorporating the following ancillary equipment:

-Apollo APIC Card for Stratos ModuLaser (Part No: 9-30430)

Notes:

1. For compliance with EN 54-20:2006, the Detector Module (9-30783-KID) must be used in conjunction with at least one of the following ancillary equipment:

- Senator ModuLaser, Command Display Module, (Part No: 9-30782-KID) (Branded Kidde)
- Senator ModuLaser, Standard Display Module, (Part No: 9-30781-KID) (Branded Kidde)
- Senator ModuLaser, Minimum Display Module, (Part No: 9-30780-KID) (Branded Kidde)

2. For compliance with clause 5.10 of EN 54-20:2006, all detectors and displays shall be supplied with power from a power supply conforming with the requirements of EN 54-4.

3. The device is approved for sensitivity Classes A, B and C. The Class of any pipework and hole configuration, detector sensitivity and equipment parameters must be determined using PipeCAD software.

4. The approval of the detector is conditional upon the following requirements:

- Design including accessories used, installation and commissioning are performed in accordance with the system installation manual 04-4001-501-0003-08.

Accessories:

9-30782-KID Command Display Module (Branded as Kidde)

9-30781-KID Standard Display Module (Branded as Kidde)

9-30780-KID Minimum Display Module (Branded as Kidde)



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