

## BRE Global Ireland

**Notified Body No. 2831**  
BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland  
T: +353 (0) 18824344  
E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

## Certificate of constancy of performance

### 2831-CPR-F1258

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)

#### **FHSD8100-XX LaserSense 100 High Sensitivity Aspirating Smoke Detector (branded as Edwards)**

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

Placed on the market under the name or trade mark of: and produced in the manufacturing plant(s):

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

**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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: 5 October 2022

Issue number 02

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

**BRE Global Ireland****Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland

T: +353 (0) 18824344

E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

**APPENDIX to Certificate of constancy of performance: 2831-CPR-F1258****FHSD8100-XX LaserSense 100 High Sensitivity Aspirating Smoke Detector (branded as Edwards)****Notes:**

1. For compliance with Clause 5.10 of EN 54-20:2006, the detector shall be supplied with power from a power supply complying with EN 54-4.
2. The approval of the detector is conditional upon the following requirements:
  - a) Design, installation and commissioning are performed in accordance with the system design manual and instructions.
  - b) The device is approved for sensitivity Classes A, B and C for sensitivities up to 0.62%/m. The Class of any pipe/hole configuration and detector sensitivity must be determined using PipeCAD.
3. XX denotes country and language variants.



P Halligan, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 5 October 2022

Issue number: 02

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