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(1) **EC TYPE EXAMINATION CERTIFICATE**

(2) **Equipment or protective system intended for use  
in potentially explosive atmospheres  
Directive 94/9/EC**

(3) EC type examination certificate number: **ISSeP16ATEX0003X**

(4) Equipment or protective system:  
Wi-Care range extender model WR331112000

(5) Applicant – Manufacturer – ~~Authorized representative in the Community:~~  
I-care sprl

(6) Address: Rue René Descartes 18  
B-7000 Mons  
Belgium

(7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) ISSeP, notified body n° 492 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in annex II to the Directive.

The examination and test results are recorded in confidential report n° 15103.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0 : 2012 + A11 : 2013 (IEC 60079-0 : 2011)  
EN 60079-11 : 2012 (IEC 60079-11 : 2011)  
EN 60079-26 : 2015 (IEC 60079-26 : 2014)

(10) If the symbol "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following indications:

II 1 G Ex ia IIC T4 Ga

Colfontaine, the 04.02.2016

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M. LAMBERT,  
Manager.

This certificate may only be reproduced in its entirety and without any change, schedule included



Wallonie

(13)

## SCHEDULE

(14)

### EC TYPE EXAMINATION CERTIFICATE N<sup>R</sup> ISSeP16ATEX0003X

(15) Description of the equipment or protective system:

Wi-Care range extender model WR331112000

The equipment is supplied by a certified associated apparatus.

Electrical parameters

$U_i = 4.5 \text{ V}$        $C_i = 12.44 \text{ } \mu\text{F}$   
 $I_i = 800 \text{ mA}$      $L_i = 4 \text{ } \mu\text{H}$   
 $P_i = 0.9 \text{ W}$

Eventual prescriptions :  $T_a = -20^\circ\text{C}$  to  $+85^\circ\text{C}$

(16) Report n<sup>r</sup> 15103 of 28.01.2016

Composed in total of 22 pages, completed by the following documents:

- The user manual Wi-care (61 pages)
- Wi-care Marking Layout For Ex certification Range Extender dated on 08.12.2015 (6 pages)
- The drawings
  - o Range Extender Ex schematic of 29.09.2015
  - o Range Extender Ex Board of 29.09.2015 (2 pages)
  - o C-2118059 rev. B of 30.09.2013
  - o "Plan Range Extender" of 26.01.2016 (2 pages)
  - o Support Wi-care of 16.11.2014

(17) Special conditions for safe use:

Symbol X

- Electrostatic hazards, all precautions shall be taken to avoid all risks of electrostatic charges on the enclosure when the equipment is used in zones where gases of the Groups IIB or IIC are present

(18) Essential Health and Safety Requirements: Covered by the Standards listed in (9)

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