



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx CML 16.0006X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2016-02-23)

Status: **Current** Issue No: 1

Date of Issue: 2020-06-19

Applicant: **Casella (Ideal Industries Ltd)**
Regent House
Wolseley Road, Kempston
Bedford
Bedfordshire MK42 7JY
United Kingdom

Equipment: **dBADGE2**

Optional accessory: Docking Station 207107B

Type of Protection: **Ex ia**

Marking: Ex ia IIC T4 Ga
Ex ia IIIC T135°C Da
Ex ia I Ma
Ta = -20°C to +45°C

Approved for issue on behalf of the IECEx
Certification Body:

S. Roumbedakis

Position:

Technical Manager

Signature:
(for printed version)

Date:

2020-06-19

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Eurofins E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





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Certificate No.: **IECEX CML 16.0006X**

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Date of issue: 2020-06-19

Issue No: 1

Manufacturer: **Casella (Ideal Industries Ltd)**
Regent House
Wolseley Road
Kempston
Bedford
Bedfordshire. MK42 7JY
United Kingdom

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/CML/ExTR20.0129/00](#)

Quality Assessment Report:

[GB/SIR/QAR10.0002/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The dBadge2 is an intrinsically safe, personal sound exposure meter (Dosimeter) for the measurement and recording of personal noise exposure.

The dBadge2 is intended to be carried on the person. It contains an internal rechargeable battery pack that is charged in the safe area only using the dedicated Docking Station part number 207107B. The Docking Station also includes a USB interface for downloading data from the dBadge2.

Refer to certificate annex for full description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to certificate Annex



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Changes to charging circuit.
- Updating of stadard to IEC 60079-0 2017 Ed.7.

Annex:

[Certificate Annex IECEx CML 16.0006X Iss.1.pdf](#)

Annexe to: M16:0006:1
Applicant: [redacted]
Apparatus: d2



Description

d2 enclosure houses 2 PCB's, namely [redacted] and [redacted].

d2 enclosure houses 2 PCB's, namely [redacted] and [redacted].

d2 enclosure houses 2 PCB's, namely [redacted] and [redacted].

d2 enclosure houses 2 PCB's, namely [redacted] and [redacted].

d2 enclosure houses 2 PCB's, namely [redacted] and [redacted].

D enclosure houses 2 PCB's, namely [redacted] and [redacted].

Remarks

D enclosure 2010	
enclosure	60





Marking

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Conditions of Manufacture

IECEx Conditions of Certification (Special Conditions for Safe Use)

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