



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 CSAE 22.0014X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2023-07-11		
Applicant:	Ascom Sweden AB 2 Grimbodalen Gothenburg, Vastra Gotaland County 417 49 Sweden		
Equipment:	DH8 portable phone		
Optional accessory:			
Type of Protection:	Intrinsically Safe		
Marking:	Ex ib IIC T4 Gb Ex ib IIIC T135°C Db Ta = -10°C to +40°C		

Approved for issue on behalf of the IECEx
Certification Body:

Michelle Halliwell

Position:

Director Operations, UK & Industrial Europe

Signature:
(for printed version)

Date:
(for printed version)

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:

CSA Group Testing UK Ltd
Unit 6, Hawarden Industrial Park
Hawarden, Deeside CH5 3US
United Kingdom





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Date of issue: 2023-07-11

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Manufacturer: **Ascom Sweden AB**
2 Grimbodalen
Gothenburg, Vastra Gotaland County 417 49
Sweden

Manufacturing
locations: **Ascom Sweden AB**
2 Grimbodalen
Gothenburg, Vastra Gotaland County
417 49
Sweden

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/CSAE/ExTR23.0055/00](#)

Quality Assessment Report:

[NO/NEM/QAR07.0004/11](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The DH8-xxxB DECT handset that is sold under a few brand names, is a battery-powered, handheld, wireless device that communicates with a base station. The frequencies used depend on the country of intended use. There are a few different versions mainly differentiated by alarm and location functionality.

The DH8-xxxB DECT comprises a main printed circuit board with a liquid crystal display, flexible printed circuit boards for keypad and buttons, charging connector and for alarm button and indication on the top, all housed in a PC/ABS enclosure. The device is powered from a single lithium-ion cell, part number 491122A, which may be recharged only within the DH8-xxxB and when the unit is located in the non-hazardous area.

During the charging operation, communication also occurs with a base station. The maximum charging voltage (U_m) is 5.25 V and the maximum charging current (I_m) is 1.15 A.

Only the following chargers approved by Ascom may be used:

DC3-xxxD/1A (or greater)

CR3-xxxD/1A (or greater)

Only the following programming adaptor approved by Ascom may be used:

DP1-xxxD/2A (or greater)

Removal of the battery pack can only be undertaken when the device is in the non-hazardous area.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The maximum charging voltage (U_m) is 5.25 V and the maximum charging current (I_m) is 1.15

Only the following chargers approved by Ascom may be used:

DC3-xxxD/1A (or greater)

CR3-xxxD/1A (or greater)

Only the following programming adaptor approved by Ascom may be used:

DP1-xxxD/2A (or greater)

DP1 only to be used with a SELV in accordance with IEC 60950 or IEC 62368 compliant computer.