



# 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](http://www.iecex.com)

Certificate No.: **IECEx BAS 09.0040** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 2 [Issue 1 \(2013-03-04\)](#)  
[Issue 0 \(2009-12-31\)](#)  
Date of Issue: 2016-09-29  
Applicant: **Eaton MEDC Limited**  
Unit B, Sutton Parkway  
Oddicroft Lane  
Sutton-in-Ashfield  
NG17 5FB  
**United Kingdom**  
Equipment: **A Type DB6 Bell**  
Optional accessory:  
Type of Protection: **Flameproof**  
Marking: **Ex d IIB T5 Gb (Ta -20°C to + 55°C)**

Approved for issue on behalf of the IECEx  
Certification Body:

**R S Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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Manufacturer: **Eaton MEDC Limited**  
Unit B, Sutton Parkway  
Oddicroft Lane  
Sutton-in-Ashfield  
NG17 5FB  
**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 60079-0:2007-10** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:5

**IEC 60079-1:2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:6

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/BAS/ExTR09.0061/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0023/07](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Type DB6 bell comprises a rectangular enclosure and cover manufactured from cast iron. The cover is secured using 4 M6 grade 12.9 steel socket head cap screws.

The enclosure houses a coil & contact type vibrator assembly and a terminal assembly which may include up to 7 terminals and various resistor/diode combinations. The vibrator assembly causes oscillation of a shaft, which passes through a hole in the base, causing a hardened steel hammer to strike a cast iron gong.

Internal and external earthing facilities are provided, together with up to two cable entries threaded either M16 or M20.

The DB6 Bell is rated 24V d.c. 0.3A. or 200/254V a.c. 0.1A 40/60Hz.

**SPECIFIC CONDITIONS OF USE: NO**



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
**Variation 2.1**

This issue permits existing information (for example on Schedule Drawings) to be replaced by the revised certificate holders name. No other changes may be made to the certified design

File Reference: **16/0725**