

# ALARM BELL – Up to 109 dB(A) EExd, Weatherproof DB6 Range



## Introduction

This explosionproof bell is available in two voltages. The bell is manufactured from cast iron finished in epoxy paint. Colour to customer's specification.

- ★ Zone 1 and Zone 2 use.
- ★ EExd IIB T5.
- ★ ATEX approved Ex II 2G.
- ★ BASEEFA certified.
- ★ Brazilian (Inmetro) certified.
- ★ IP65.
- ★ Certified temperature  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .
- ★ 2 cable entries.
- ★ Proven track record.
- ★ Captive cover screws.

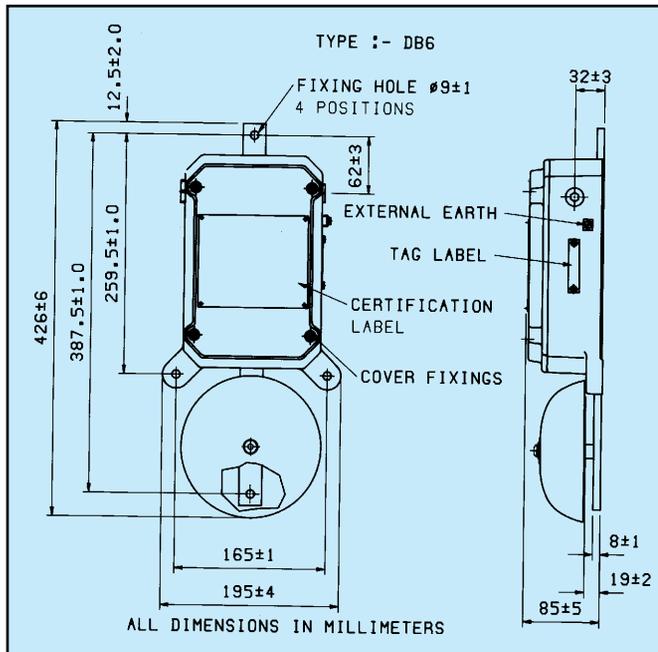
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## Specification

Certification:	CENELEC EN 50014 & EN 50018. Cert. No. Baseefa 03ATEX0257, EExd IIB T5 Brazilian (Inmetro) Certified: BR-Ex d IIB T5												
Material:	Cast iron.												
Contact Spring:	Phosphor Bronze.												
Contacts:	Silver.												
Coil:	Bakelite former.												
Magnet:	Laminated iron.												
Armature:	Pivoted to operate shaft and hammer at back of gong through flameproof bearing.												
Finish:	Grey epoxy paint as standard or to customer's specification.												
Voltage:	24V d.c. or 200/254V a.c. 50/60 Hz.												
Weight:	11 kg.												
Certified Temperature:	-20°C to +55°C												
Ingress Protection:	IP65.												
Earthing:	M6 Internal and external earthing points provided.												
Termination:	Terminals suitable for 4 x 4mm <sup>2</sup> cables.												
Ratings:	<table border="1"> <thead> <tr> <th>Voltage</th> <th>VA</th> <th>Amps</th> <th>DB(A) rating</th> </tr> </thead> <tbody> <tr> <td>24V d.c.</td> <td>1.92</td> <td>0.08</td> <td>98 ± 3</td> </tr> <tr> <td>200/254 a.c.</td> <td>6/12.7</td> <td>0.03/0.05</td> <td>106 ± 3</td> </tr> </tbody> </table>	Voltage	VA	Amps	DB(A) rating	24V d.c.	1.92	0.08	98 ± 3	200/254 a.c.	6/12.7	0.03/0.05	106 ± 3
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	24V d.c. unit polarised and suppressed for use on monitored fire alarm system sounder circuits												
Label:	Tag label available on request.												
Cable Entries:	2 x 20mm <sup>2</sup> ISO with one EExd blank fitted.												

## Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box. **Standard product, available ex-stock, as follows:**

Product	Description
<b>DB6BBNR</b>	Explosion protected, certified, EExd, IIB T5, 98 dB(A), 24V d.c., 2 x 20mm entries, cast iron, painted red.

Model	Voltage	Certification	Tag Label	Finish																												
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All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.