

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°C to $+55^{\circ}\text{C}$.
- ★ 2 cable entries.
- ★ Proven track record.
- ★ Captive cover screws.

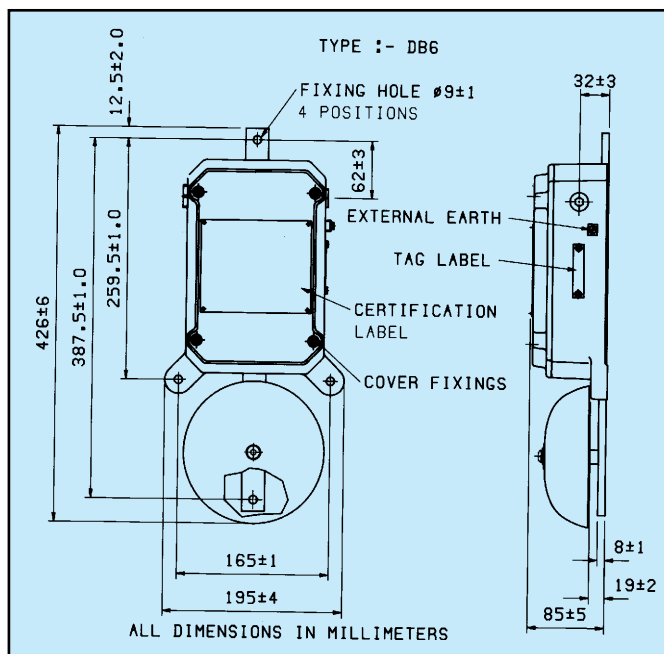
MEDC Ltd, Colliery Road,
Pinxton, Nottingham NG16 6JF, UK.
Tel: +44 (0)1773 864100
Fax: +44 (0)1773 582800

MEDC International, 5829 West Sam Houston Parkway,
North, Suite 1005, Houston, Texas 77041, USA.
Tel: +1 (713) 937 9772
Fax: +1 (713) 937 9773

MEDC Norway, Auglaendsmyraa 6,
4016, Stavanger, Norge.
Tel: +47 913 92 289
Fax: +47 914 46 030

Sales Enq. Fax: +44 (0)1773 582830 Sales Orders Fax: +44 (0)1773 582832
E-Mail: sales@medc.com Web: www.medc.com





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 ² cables.			
Ratings:	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
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 ² 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
DB6BBNR	Explosion protected, certified, EExd, IIB T5, 98 dB(A), 24V d.c., 2 x 20mm entries, cast iron, painted red.

Model

DB6

Voltage

Voltage	Code
24V d.c.	B
240V a.c.	H

Certification

Certification	Code
ATEX	B
Inmetro	DM
Weatherproof	W

Tag Label

Tag Label	Code
Label (specify wording)	Y
None	N

Finish

Finish	Code
Grey	G
Red	R
Other (specify)	S



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.