

International Safety Technology Limited

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



Introduction

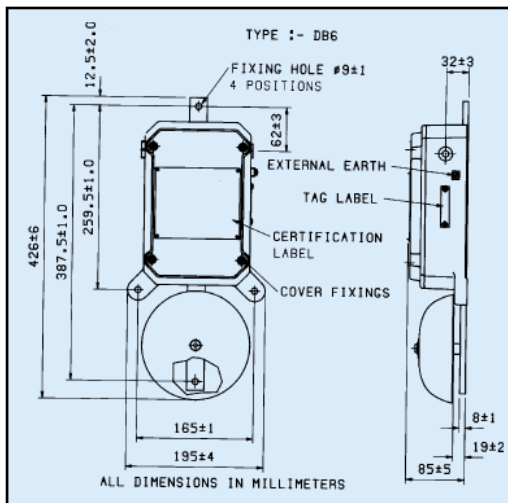
This explosionproof bell is available in two voltages. The bell is manufactured from cast iron finished in epoxy paint. Colour to customer's specification.

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

International Safety Technology Limited
692775
11, Moor Road, Broadstone,
Dorset, BH18 8AZ
United Kingdom

Tel: +44 1202

Fax: +44 1202 605588
email sales@ist-limited.com
web www.ist-limited.com



Specification

| | | | | |
|--|---|--------|-----------|--------------|
| Certification: | CENELEC EN 50014 & EN 50018. Cert. No. Baseefa 03ATEX0257, EExd 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 |
|---------------|---|
| DB6BNR | Explosion protected, certified, EExd, IIB T5, 98 dB(A), 24V d.c., 2 x 20mm entries, cast iron, painted red. |

| Model | Voltage | Tag Label | Finish |
|-------|-------------------------|-----------|--------|
| DB6 | | | |
| | Voltage | Code | Code |
| | 24V d.c. | B | G |
| | 240V a.c. | H | R |
| | | Code | Code |
| | Label (specify wording) | Y | S |
| | None | N | |
| | Finish | Code | |
| | Grey | G | |
| | Red | R | |
| | Other (specify) | S | |

International Safety Technology Limited
692775
11, Moor Road, Broadstone,
Dorset, BH18 8AZ
United Kingdom

Tel: +44 1202

Fax: +44 1202 605588
email sales@ist-limited.com
web www.ist-limited.com