

# Explosion-proof Telephone Secondary Bell

**High-volume telephone call signalling device for indoor and outdoor use in areas with explosive atmospheres**

- ▶ IP 66
- ▶ High-volume multitone bell
- ▶ EEx em [ib] IIC T6

## Application

The explosion-proof telephone secondary bells are designed for indoor and outdoor use in industrial applications with explosive atmospheres, e.g. the petrochemical industry.

The tested high quality of the materials we use allows these devices to be used in extreme conditions in EEx II-classified

applications. The user can select between a single-tone, two-tone, three-tone or warble tone ring with the help of internal DIP switches.

Four different tone sequence frequencies can also be selected in a range between 5 and 20 Hz.

**Telephone call signalling device in a painting shop with explosive atmosphere**

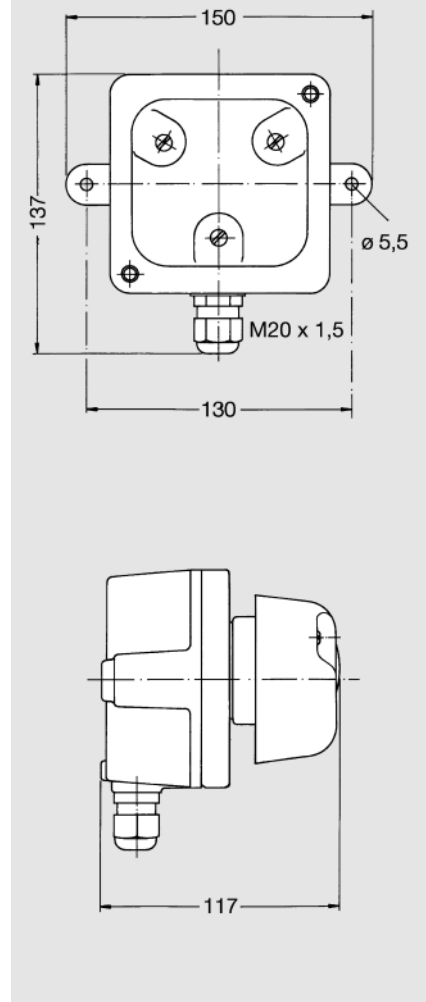
The user can select between various types of signal tone with the help of internal DIP switches.



## Technical specifications

Housing	Aluminium die cast
Colour	Black
Cover	UV-resistant Macrolon (polycarbonate)
Protection degree	IP 66 (IEC 529)
Operating position	Wall or ceiling mounting
Temperature range	
Operation	-20 °C to +40 °C
Storage	-40 °C to +75 °C
Weight	0.5 kg
Volume	Approx. 90 dB(A), 1 m (Regarding volume specifications, please see the chapter "Technical Informations".)
Secondary telephone bell	The high volume secondary telephone bell is independent from the 230 V mains because it is supplied solely with power by the call voltage of the telephone. Sixteen different acoustic patterns can be set with the help of a four-pole internal DIP switch.
Telephone connection	
Terminals	W, L <sub>b</sub>
Call voltage	32 VAC to 75 VAC
Branch exchange voltage	0 VDC to 63 VDC
Input impedance	At 25 Hz $Z \geq 8 \text{ k}\Omega$ At 50 Hz $Z \geq 4 \text{ k}\Omega$
Acoustic signalling	
Acoustic signalling device	Loudspeaker
Acoustic signal	Single-tone*, two-tone*, three-tone*
Tone sequence frequency	4 different settings* between 5 Hz and 20 Hz
Expl. protection class	EEx em [ib] IIC T6
Approval	DMT 99 ATEX E 095

\* Selectable with DIP switches



## Order information

Type	Name	Rated voltage	Article no.
5842/2	Ex-Secondary Telephone Bell	Supplied from telephone	211 842 06

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