

# Explosion-proof Secondary Telephone Bell

High-volume explosion-proof telephone call signalling  
for indoor and outdoor applications



## Overview

The explosion-proof secondary telephone bell is designed for indoor and outdoor applications in potentially explosive industrial areas, e.g. in the petrochemical industry.

The high-quality materials have priorily been tested in our laboratory and allow for uses in extreme application areas of the Ex II industry.

The user may choose between single tone, 2-tone, 3-tone or warble-tone using the available DIP switches. Moreover, the tone sequence frequency can be set in four steps between 5 and 20 Hz.

## Features

- IP 66 according to EN 60529
- High-volume multitone bell
- II 2G Ex e ib mb IIC T6



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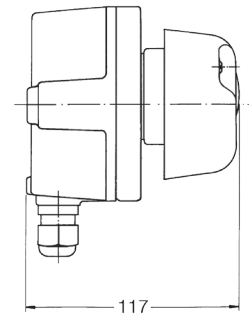
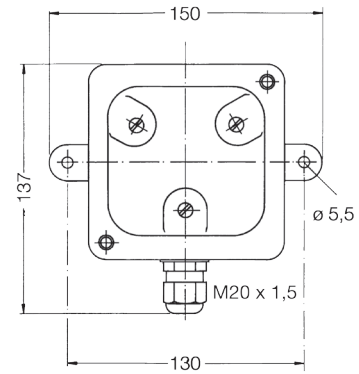
## Certification

Protection type	II 2G Ex e ib mb IIC T6
Approval	DMT 99 ATEX E 095

## Technical data

Housing	Die-cast aluminium
Colour	Black
Hood	UV-resistant macrolon (polycarbonat)
Secondary telephone bell	The electronic high-volume secondary bell is operational even in case of a power failure. It is supplied by the telephone's ringing voltage.
AC ringing voltage	32 VAC to 75 VAC
Superimposed supply voltage	0 VDC to 63 VDC
Input impedance	At 25 Hz $Z \geq 8 \text{ k}\Omega$ At 50 Hz $Z \geq 4 \text{ k}\Omega$
Terminal designation	W, L <sub>b</sub>
Acoustic signalling device	Loudspeaker
Acoustic signal	Single tone-, 2-tone, 3-tone, warble tone, selectable via DIP switch
Tone sequence frequency	4 settings between 5 Hz and 20 Hz selectable via DIP switch
Volume	Approx. 90 dB(A) in 1 m distance
Operating conditions	Indoors and outdoors
Operating position	Wall or ceiling mounting
Temperature range	
Operation	-20 °C to +40 °C
Storage	-40 °C to +75 °C
Weight	0.5 kg
Ingress protection	IP 66 according to EN 60529

## General arrangement drawing (all dimensions in mm)



## Ordering data

Type	Designation	Nominal voltage	Article number
5842/2	Ex Secondary Telephone Bell	supply via telephone	FHF 211 842 06