

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

- ▶ IP66
- ▶ High-volume multitone bell
- ▶ EEx em [ib] IIC T6

#### Application

The explosion-protected telephone call signalling devices 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 20Hz.

#### Technical Datas

<b>Housing:</b>	Aluminium die cast
<b>Colour:</b>	black
<b>Cover:</b>	UV-resistant Macrolon (polycarbonate)
<b>Protection degree:</b>	IP 66 (IEC529)
<b>Operating position:</b>	Wall or ceiling mounting
<b>Temperature range:</b>	Operation -20°C to +40°C Storage -40°C to +75°C
<b>Weight:</b>	0.5 kg

**Signalling device:** The signalling device is actuated with a mains voltage of 110 to 230VAC

#### Main connection:

Terminals	L1, n, PE
Supply voltage	110-230V +10%/-15%

#### Acoustic signalling

**Acoustic signalling device:** Loudspeaker

**Acoustic signal:** Single-tone, two-tone, three-tone, warble tone

**Tone sequence frequency:** 4 different settings between 5Hz and 20Hz

**Volume:** approx.90dB(A), 1m

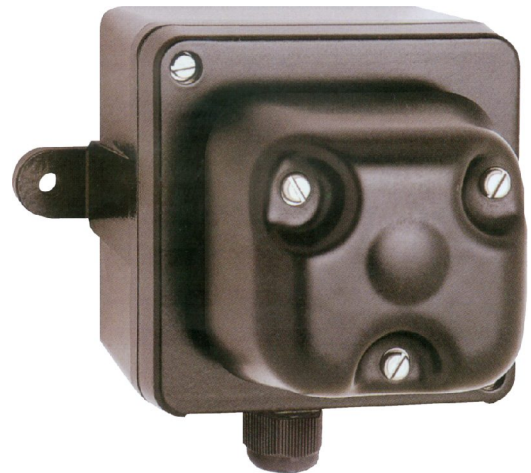
**Expl.protection class:** EEx em [ib] IIC T6

**Approval:** DMT 99 ATEX E 095

## eZW3/F

### EEx II Acoustic telephone call signalling devices

AC5083/1002



**Secondary telephone bell:** The high volume secondary telephone bell is independent from the 230V 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, Lb
Call voltage:	32Vac to 75Vac

**Branch exchange voltage:** 0Vdc to 63 Vdc

**Input impedance:** At 25Hz  $Z \geq 8\text{kohm}$

At 50Hz  $Z \geq 4\text{kohm}$

#### Acoustic signalling

**Acoustic signalling device:** Loudspeaker

**Acoustic signal:** Single-tone, two-tone, three-tone

**Tone sequence frequency:** 4 different settings between 5Hz and 20Hz

