

# BExSB1 Signalling Bell

The BExSB1 ideally suits applications requiring a traditional bell sound - designed to warn, call and signal in areas with explosive atmospheres.

The protection type II 2G EEx de IIC T6 allows the signalling bell to be used without restriction in all Ex areas classified Zone 1 or 2.

The signalling bell produces a sound volume of approx. 105dB(A) at 1 metre. The emphasis of the ring is at approx. 1000Hz, as a result of which the signal stands out clearly against lower frequency ambient noises.

We offer the 'Hootronic' range which offers the same sound from an all-electronic solution.

## Features:

- Explosion protection is ensured by the flameproof enclosure of the driver system and increased safety terminal box. The enclosure is made completely of GRP (glass-fibre reinforced polyester) thus guaranteeing protection against corrosion. All D.C. versions are equipped with an electronic contact breaker which considerably increases service life compared with other available devices.

## Part codes:

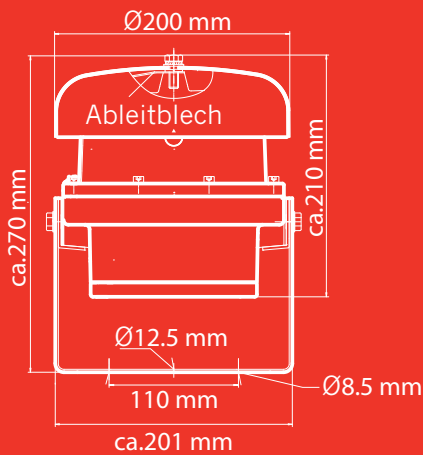
Version:	Part Code:
12V dc	BExSB1DC12G
24V dc	BExSB1DC24G
110V ac	BExSB1AC110G
110V dc	BExSB1DC110G
230V ac	BExSB1AC230G
230V ac (with telephone relay)	BExSB1AC230G-T



## Approvals:

- ATEX II 2G EEx de IIC T6



**Specification:**

Approval:	ATEX
Coding:	II 2G EEx de IIC T6
Output:	approx. 105dB(A) @ 1m
Operating temperature:	-20°C to +40°C
Operating conditions:	Indoors and Outdoors
Operating position:	Bell dome to the front (tappet downwards)
Voltages DC:	12V vdc; 24V dc; 110V dc
Voltages AC:	115V ac; 230V ac
Option:	230V ac with telephone relay
Ingress protection:	IP66
Housing material:	Glass-fibre reinforced polyester (GRP)
Colour:	Black
Cable entries:	1x M20 x 1.5 cable gland and 1 blind plug M20 x 1.5
Terminals:	1.5 to 2.5mm <sup>2</sup>
Safety:	Class II (no equipotential bonding necessary)
Weight :	3.5Kg

\*SPL data +/-3dB(A). Measured at optimum voltage.

**Current consumption:**

Version:	Voltage range:	Current:
24V dc	+10/-15%	0.35A
110V ac 50Hz	+10/-15%	0.14A
230V ac 50Hz	+10/-15%	0.055A
Other voltages on request		