SMARTBUZZER - BBR-52 FOR AUTROSAFE 3

AutroSafe Interactive Fire Detection System 3
Product Datasheet

Features

- Input/output signals
- Inputs with SelfVerify function for reduced maintenance/testing and increased reliability
- Short circuit isolator in each unit
- Automatic addressing
- Intended for connection to Autronica's interactive fire detection systems
- Designed to meet the requirement of the major maritime classification societies

Applications

The Autronica BBR-52 SmartBuzzer for AutroSafe 3 is powered from the detector loop. As soon as the detector responds to an alarm signal, the SmartBuzzer will be activated.

The average sound level from the buzzer is 80dB. To further increase the audible coverage, the buzzer switches between two different sound frequencies.

After 90 seconds the sounder will turn off, and remain locked in off-position until the alarm is manually reset from the system.

The system monitors the loop power consumption. If the detector loop is equipped with power-consuming units, the minimum number of buzzers to be activated is two.

Technical specifications	
Weight	15.5g
Colour	White
Voltage	Minimum 12
Current consumption stand-by	0.01mA
Current consumption during alarm	8mA
Sound level	Average 80dB at 1 meter distance
Sound frequency	Repetitive 2.8 – 3.8 – 2.9 – 3.9 kHz 1 second each frequency
Activation time	90 seconds
No. of buzzers to be activated	Dependent on loop power consumption, minimum 2 per detection loop
Working temperature	-20°C to +70°C
Encapsulation	To be mounted in the detector base
Environment	According to SOLAS requirements for detectors
EMC	According to European Norms EN 60945, EN 50081-2 and EN 50082-2

Part number	Description
116-BBR-52	BBR-52 SmartBuzzer for AutroSafe 3

CE

Connections

Smart buzzer BBR-52 mounted
in the BWA-100 detector socket.

	1, -in
BLACK	2, -out
RED	3, common (+in, +out)
BLUE	4, external LED

Detector head

BBR-52

Socket including BBR-52

Completed Socket including BBR-52