

Addressable Sounders and Sounder/ Beacon EN54-23 approved



Product Description

A range of FireClass sounders to meet a wide variety of alarm applications where loud, penetrating and distinctive warnings must be given to alert people of fire situations. In addition, multi-tone electronic sounders can give a variety of sounds to signal other conditions e.g. “extinguishing gas release imminent”. The addressable loop powered sounders meet the requirements of EN54 part 3 whilst the loop powered addressable sounders with beacon are also approved to EN54 part 23 as open category devices.

A high (103dB) output or low (90dB) output can be selected for any of the 16 selectable tones. The high brightness LED beacon provides a 2 candela output with adjustable flash rate. Tone, volume and flash rate can be set via software, without having access to the sounder location.

An internal line isolator automatically provides short circuit protection against cable faults thus reducing the need for additional line isolator modules.

General Features

- Loop powered-reduced installation costs
- High sound output characteristics
- Low current consumption
- High Brightness LED Beacon
- Clean lines, modern styling
- Easy to install, low installation costs
- Weatherproof units for outdoor use
- Multiple tones and flash rate to suit individual requirements
- Integral line isolator
- 16 Tones
- 2 Flash Rates
- Visual alarm approved to EN54-23 open category
- Audible alarm approved to EN54-3

Product Order Codes

516.800.760	FC410LPSYR Loop Powered Symphoni Sounder Red
516.800.761	FC410LPSYW Loop Powered Symphoni Sounder White
516.800.762	FC410LPSY Loop Powered Symphoni Sounder Red IP65
516.800.970	FC410LBS-R Open Class Sounder/Beacon Red
516.800.971	FC410LSB-W Open Class Sounder/Beacon White
516.800.972	FC410LBS Open Class Sounder/Beacon IP65

A new class of Fire Detection

Addressable Sounders

PRODUCT CODE	TYPE	DESCRIPTION	DIMENSIONS (mm)	WEIGHT (g)
516.800.760	410LPSYR	Loop Powered Symphoni Sounder Red	104 x 104 x 91	208
516.800.761	410LPSYW	Loop Powered Symphoni Sounder White	104 x 104 x 91	208
516.800.762	410LPSY	Loop Powered Symphoni Sounder Red IP65	108 x 108 x 100	288
516.800.970	410LPBS-R	Loop Powered Open Class Symphoni Sounder/ Beacon Red	104 x 104 x 91	220
516.800.971	410LPBS-W	Loop Powered Open Class Symphoni Sounder/ Beacon White	104 x 104 x 91	220
516.800.972	410LPBS	Loop Powered Open Class Symphoni Sounder/ Beacon	108 x 108 x 100	300

PRODUCT CODE	OPERATING TEMPERATURE	OPERATING CURRENT	IP RATING	NUMBER OF TONES AVAILABLE
516.800.760	-10 - + 55 °C	3.4mA to 8.1mA (dependant on volume & flash rate)	IP21C (EN60529)	16
516.800.761	-10 - + 55 °C	3.4mA to 8.1mA (dependant on volume & flash rate)	IP21C (EN60529)	16
516.800.762	-20 - +70 °C	3.4mA to 8.1mA (dependant on volume & flash rate)	IP65	16
516.800.970	-10 - + 55 °C	7.6mA to 13mA (dependant on volume and flash rate)	IP21C (EN60529)	16
516.800.971	-10 - + 55 °C	7.6mA to 13mA (dependant on volume and flash rate)	IP21C (EN60529)	16
516.800.972	-20 - +70 °C	7.6mA to 13mA (dependant on volume and flash rate)	IP65	16

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PRIMARY TONE	NAME	PATTERN	FREQUENCY (Hz)	RATE
1	Dutch Slow Woop	Sweep	500 to 1200	500Hz rising to 1200Hz over 3,5s silence 0,5 s repeat8
2	7Hz Fast Sweep	Sweep	800 to 970	0,1428 ramp 7Hz
3	BS 1Hz Sweep	Sweep	800 to 970	1Hz
4	2 Tone	Alternating	660/800	500ms per tone
5	Temporal 4	Intermitent	880	500ms on 500ms off x 4 followed by 1,5s silence
6	Temporal 3	Intermitent	880	500ms on 500ms off x 3 followed by 1,5s silence
7	March Time Beep	Intermitent	880	500ms on 500ms off
8	Continuous 970	Continuous	970	Steady
9	Continuous 850	Continuous	850	Steady
10	DIN 1 Hz Sweep	Sweep	1200 to 500	1200Hz falling to 500Hz over 1st and repeat
11	Banshee LF Buzzer	Sweep	800 to 950	120Hz
12	3hZ Banshee Fast Sweep	Sweep	800 to 950	3Hz
13	9hZ Banshee Fast Sweep	Sweep	800 to 950	9Hz
14	Alternating	Alternating	554/440	554Hz for 100ms and 440Hz for 400ms
15	Yodalarm	Alternating	800/1000	250ms for each frequency
16	Conventional Bell - Note 1	Continuous	1450	Steady