

# 183 Serie

Optical and audible **Signal** devices

Ø 60



The 183 series beacons are **compact** and **very bright**. The design is linear and harmonious. Simple to install and wire thanks to **removable screw clamp** and **direct fixing on Ø 22 mm hole**. Lighting with high brightness LED. The particular mechanical configuration protects it from tampering.

## Technical features



### Compliance

Directive CEE 2014/35 Low voltage - Directive CEE 2014/30  
Electromagnetic compatibility - Directive CEE 2006/42 Machinery

### Conformity to standards

EN 60947.5.1 - EN 60204.1 - EN 60073 - EN 60529 -  
EN 60068.2.6 - EN60068-2-27 - EN ISO 7731 - EN 981 - IEC 536

### Material

Polycarbonate (PC)

### Operating voltage

max 250 V

### Protection degree

IP 65

### Protection against electric shock

class II, safety insulation (IEC 536)

### Resistance to vibrations

2 day min (10-150 Hz)

### Operating temperature

- 20° C + 50° C

### Lens color



### Connections

with screw cable clamp ( max 1,5 mm<sup>2</sup> )

### Dimensions

( Ø x ledge ) Type A, 62 mm x 69 mm - Type F, 62 mm x 55 mm

### Sound Frequency

from 2900 Hz to 4000 Hz ( depending on the model )

### A-weighted sound power measured at one meter

Intermittent sound 80 dB - Continuous sound 77 dB

## STEADY BEACON WITH INTEGRATED SOUND

### Technical features

#### Light output

with BA 15d LED bulb

#### Current

12-240 V

#### Operating voltage

24 V, 35 mA - 115 V, 20 mA - 230 V, 20 mA

#### Sound frequency

3500 Hz







#### Repetition signal frequency

1 Hz according to EN 457







#### Effective dB determined at a distance of 1 meter from sound module

pulse signal 80 dB - continuous signal 77 dB



COLOR	Codes and data for ordering		Sound	Sound power
	24 V DC-AC			
	BA12-B7	BA124B7	Continuous - 3500 Hz	77 dB
	BA13-B7	BA134B7	Continuous - 3500 Hz	77 dB
	BA14-B7	BA144B7	Continuous - 3500 Hz	77 dB
	BA15-B7	BA154B7	Continuous - 3500 Hz	77 dB
	BA16-B7	BA164B7	Continuous - 3500 Hz	77 dB
	BA19-B7	BA194B7	Continuous - 3500 Hz	77 dB



COLOR	Codes and data for ordering		Sound	Sound power
	24 V DC-AC			
	BF12-B7	BF124B7	Continuous - 3500 Hz	77 dB
	BF13-B7	BF134B7	Continuous - 3500 Hz	77 dB
	BF14-B7	BF144B7	Continuous - 3500 Hz	77 dB
	BF15-B7	BF154B7	Continuous - 3500 Hz	77 dB
	BF16-B7	BF164B7	Continuous - 3500 Hz	77 dB
	BF19-B7	BF194B7	Continuous - 3500 Hz	77 dB

## FLASHING BEACON WITH INTEGRATED SOUND

Pre-set with flashing light, to change the function shift the jumper inside.

### Technical features

**Light output**

with BA 15d LED bulb

**Flash frequency**

Approx. 1,4 Hz ( 84 flashes per minute )

**Current**

24 V AC / DC; 115 V AC; 230 V AC

**Operating voltage**

24 V, 220 mA - 115 V, 45 mA - 230 V, 20 mA

**Sound frequency**

3500 Hz







**Repetition signal frequency**

1 Hz according to EN 457







**Effective dB determined at a distance of 1 meter from sound module**

Pulse sound 80 dB - continuous sound 77 dB



COLOR	Codes and data for ordering		Sound	Sound power
	24 V DC-AC			
	BA22-B7	BA224B7	Pulse - 3500 Hz	80 dB
	BA23-B7	BA234B7	Pulse - 3500 Hz	80 dB
	BA24-B7	BA244B7	Pulse - 3500 Hz	80 dB
	BA25-B7	BA254B7	Pulse - 3500 Hz	80 dB
	BA26-B7	BA264B7	Pulse - 3500 Hz	80 dB
	BA29-B7	BA294B7	Pulse - 3500 Hz	80 dB



COLOR	Codes and data for ordering		Sound	Sound power
	24 V DC-AC			
	BF22-B7	BF224B7	Pulse - 3500 Hz	80 dB
	BF23-B7	BF234B7	Pulse - 3500 Hz	80 dB
	BF24-B7	BF244B7	Pulse - 3500 Hz	80 dB
	BF25-B7	BF254B7	Pulse - 3500 Hz	80 dB
	BF26-B7	BF264B7	Pulse - 3500 Hz	80 dB
	BF29-B7	BF294B7	Pulse - 3500 Hz	80 dB

## PROGRAMMABLE LED BEACON WITH INTEGRATED SOUND

Pre-set with flashing light, to change the function shift the jumper inside.

### Technical features

#### Light output

by means of ultra bright LEDs

#### Flash frequency

Approx. 1,4 Hz ( 84 flashes per minute )

#### Current

24 V AC / DC

#### Operating voltage

24 V AC / DC - 40 mA

#### Sound

Pulse or continuous







#### Sound frequency







about 4000 Hz







#### Effective dB determined at a distance of 1 meter from sound module







77 dB - Continuous sound 75 dB



Color	Codes and data for ordering 24 V DC-AC	Sound	Sound power
	BA42ABF	Continuous - 3500 Hz	77 dB
	BA43ABF	Continuous - 3500 Hz	77 dB
	BA44ABF	Continuous - 3500 Hz	77 dB
	BA45ABF	Continuous - 3500 Hz	77 dB
	BA46ABF	Continuous - 3500 Hz	77 dB
	BA49ABF	Continuous - 3500 Hz	77 dB

Color	Codes and data for ordering 24 V DC-AC	Sound	Sound power
	BF42ABF	Continuous - 3500 Hz	77 dB
	BF43ABF	Continuous - 3500 Hz	77 dB
	BF44ABF	Continuous - 3500 Hz	77 dB
	BF45ABF	Continuous - 3500 Hz	77 dB
	BF46ABF	Continuous - 3500 Hz	77 dB
	BF49ABF	Continuous - 3500 Hz	77 dB

Color	Codes and data for ordering 24 V DC-AC	Sound	Sound power
	BA42ABL	Pulse - 3500 Hz	80 dB
	BA43ABL	Pulse - 3500 Hz	80 dB
	BA44ABL	Pulse - 3500 Hz	80 dB
	BA45ABL	Pulse - 3500 Hz	80 dB
	BA46ABL	Pulse - 3500 Hz	80 dB
	BA49ABL	Pulse - 3500 Hz	80 dB

Color	Codes and data for ordering 24 V DC-AC	Sound	Sound power
	BF42ABL	Pulse - 3500 Hz	80 dB
	BF43ABL	Pulse - 3500 Hz	80 dB
	BF44ABL	Pulse - 3500 Hz	80 dB
	BF45ABL	Pulse - 3500 Hz	80 dB
	BF46ABL	Pulse - 3500 Hz	80 dB
	BF49ABL	Pulse - 3500 Hz	80 dB

# LED BEACON WITH INTEGRATED SOUND AND SEPARATED CONTROL

Pre-set with flashing light and pulse sound.  
To change the function shift the jumper inside.

## Technical features

### Light output

by means of ultra bright LEDs

### Operating voltage

12 or 24 V AC / DC

### Current consumption

24 V, 60 mA

### Flash frequency

approx. 1,4 Hz (84 flashes per minute)

according to EN 60073







### Sound frequency

2900 Hz







### Effective dB determined at a distance of 1 meter from sound module

Pulse sound 85 dB - continuous sound 82 dB



COLOR	Codes and data for ordering		Sound	Sound power
	12 V DC-AC	24 V DC-AC		
	BA427AL	BA427BL	Pulse or continuous 2900 Hz	85 dB
	BA437AL	BA437BL		85 dB
	BA447AL	BA447BL		85 dB
	BA457AL	BA457BL		85 dB
	BA467AL	BA467BL		85 dB
	BA497AL	BA497BL		85 dB



COLOR	Codes and data for ordering		Sound	Sound power
	12 V DC-AC	24 V DC-AC		
	BF427AL	BF427BL	Pulse or continuous 2900 Hz	85 dB
	BF437AL	BF437BL		85 dB
	BF447AL	BF447BL		85 dB
	BF457AL	BF457BL		85 dB
	BF467AL	BF467BL		85 dB
	BF497AL	BF497BL		85 dB