

IUI-BES-AO BES Siren and strobe signaling device

Modular Alarm Platform



The BES Siren and strobe signaling device is a signaling device with an integrated sound generator for acoustic alarm and red extra bright LED lamps for visual alarm.

Functions

The BES signaling devices signal all alarms of the system. The connection to the security system is monitored. If the connection is interrupted, an alarm is triggered.

The devices can be mounted on walls. They are secured with a wall tamper that triggers an alarm if the device is disassembled or broken off from the wall.

Regulatory information

Region	Regulatory compliance/quality marks	
Europe	CE	BES
	EN50131	G197024 [IUI-BES-AO]
Germany	VdS	G 197024, C IUI-BES-AO

Installation/configuration notes

The sound level of the signaling device is 100 dB and has to be 10 dB above the background level. Therefore, the signaling device can be used for environments with a background level of up to 90 dB.



- ▶ Activation and control of the sound generator and the LED lamps are monitored
- ▶ Energy saving and extra bright LED technology
- ▶ Wall Mounting
- ▶ Wall tamper

Parts included

Quantity	Component
1	Signaling device
1	Suspension hook
2	Black Torx screws, 3 x 8 mm
2	Installation manual

Technical specifications

Electrical

Audio	
Operating voltage (VDC)	10.5 VDC – 29 VDC
Nominal current (mA)	300 mA
Minimum sound level at 1 m distance (dB(A))	100 dB(A)
Intrusion alarm tone	Complies with VdS regulation 2300
Maximum alarm duration (s)	300 s

Electrical

Visual	
Technology	LED

Operating voltage (VDC)	10.5 VDC – 29 VDC
Nominal current (mA)	100 mA
Maximum current consumption (mA) (peak)	500 mA
Flashes per s	1
Duration of flashes (ms)	100 ms

Mechanical

Dimensions (H x W x D) (cm)	30.05 cm x 11 cm x 16.5 cm
Weight (g)	1,200 g
Material	Plastic
Color (RAL)	RAL 9010 Pure white
Color of lamp cover	RAL 3001 Red

Environmental

Operating temperature (°C)	-25 °C – 65 °C
IP rating	IP33
Protection class	DIN 40040: HUF
Environmental class (EN 50130-5)	IV
Environmental class (VdS 2110)	IV

Ordering information

IUI-BES-AO BES Siren and strobe signaling device

For acoustic and visual signaling of an alarm and monitored activation and control of the signaling.

Order number **IUI-BES-AO | F.01U.166.054**

F.01U.412.108

Accessories

ISP-UNV-WTC Universal wall tamper contact, 2pcs

Universal wall tamper contact.

Order number **ISP-UNV-WTC | F.01U.412.898**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
D-70839 Gerlingen
www.boschsecurity.com

North America:
Bosch Security Systems, LLC
130 Perinton Parkway
Fairport, New York, 14450, USA
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com