



# DS100

## SELF-POWERED SOUNDER/FLASHER IN PLASTIC FOR OUTDOOR INSTALLATIONS

The DS100 is a self-powered sounder/flasher for intrusion detection systems. The DS100 is intended for typical use in outdoor environments and can be managed in different ways (two wires, three wires, etc.).

The audible signal is generated by two piezoelectric elements capable of guaranteeing approximately 105dBA at 3 meters, while the visual signal is generated by a series of high-efficiency LEDs.

It is possible to program various function parameters, including polarity for the sounder on/off terminals, audible tone, etc.

The DS100 detects forced opening, displacement, foam and blow-torch tamper and signals these conditions on a specific contact.

There is a fault terminal for the signalling of low battery and inefficient battery faults.

The front section of the flasher can be either transparent or blue.



### — MAIN FEATURES

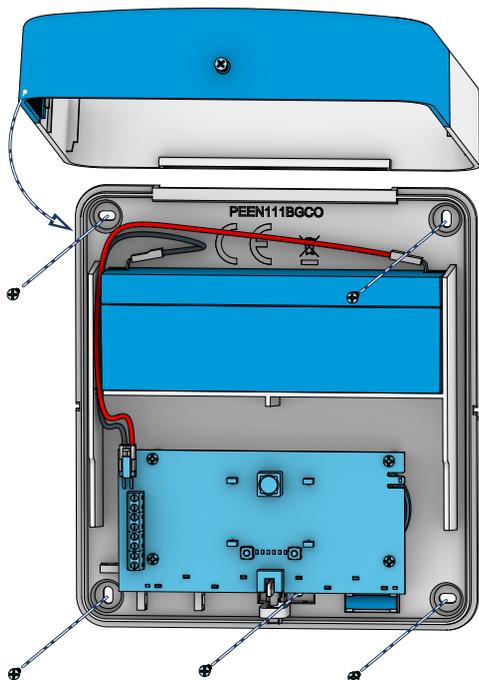
- 2 piezoelectric horns
- Super bright LED-technology flasher
- System status LED signals
- Houses 12V, 2.1 Ah backup battery
- Thermal probe for regulating the charging process
- Spirit level for installation
- Protected against forced opening, dislodgement and foam tamper
- Protection against blow-torch tamper and freezing
- 4 programmable tones
- 4 programmable timers (3, 6, 9, 12 minutes)
- Courtesy lights

### Technical specifications

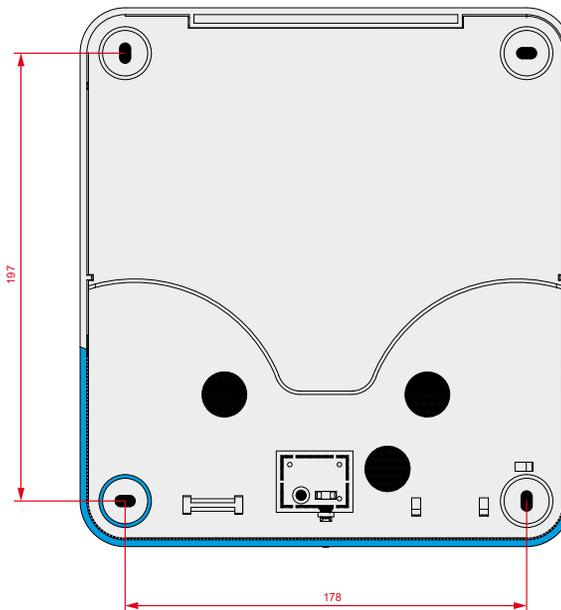
Warning device type	For outdoor use, self-powered, type Z
Power supply voltage	
nominal	13.8 V $\overline{\text{---}}$
range	from 9 V to 16 V $\overline{\text{---}}$
Backup battery	12V – 2.1Ah UL94-HB flame class
Current absorption	
during standby	50 mA
for battery recharge	50-180 mA
maximum	220 mA
Acoustic output type	tones
Sound pressure at 3m.	108 dB(A)
Carrier frequency	2 $\pm$ 3 KHz
Flash rate per minute	36
Maximum alarm-time	12 min.
Dimensions (HxWxD)	218 x 237 x 53 mm
Weight (without battery)	650 g
Operating environmental conditions	
Temperature	from -25 to +60°C
Relative humidity	$\leq$ 93% without condensation
Degree of protection	IP34
Security grade	2
Environmental class	IV



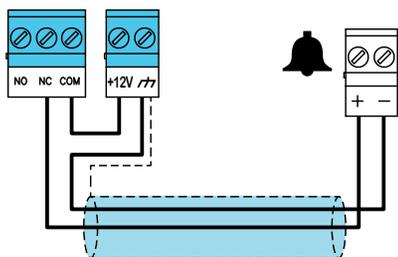
## INSTALLATION



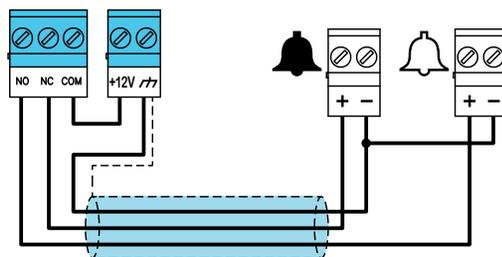
## Dimensions



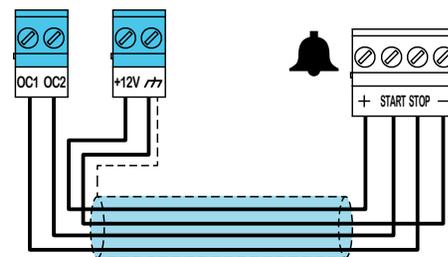
## Connections



2 wire connection



3 wire connection



4 wire connection

## ORDER CODE

**DS100** Self-powered sounder/flasher in plastic for outdoor installation



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Inim distributor's stamp and signature