

## SAS-2835 HORN SIREN

The SAS-2835 is a small piezo electric siren with high sound pressure, low weight and low current consumption. The sound output is 110dB, a very clear and aggressive warning. There are many applications for this siren: all fire alarms, cars and motor vehicles, automation equipment, security devices, etc. The vibrating elements are unique and developed at Sonitron (worldwide patented). This series is made from high quality materials, offers extreme reliability and robustness, and features life time over 2000 hours in continuous use.



### CHARACTERISTICS

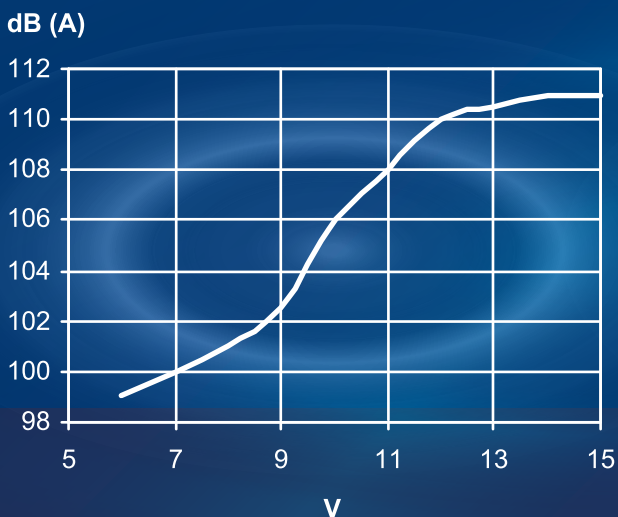
- Loud siren output with high sound pressure level
- Dust tight, waterproof (IP67)
- Low current consumption
- No magnetic field

### SPECIFICATIONS

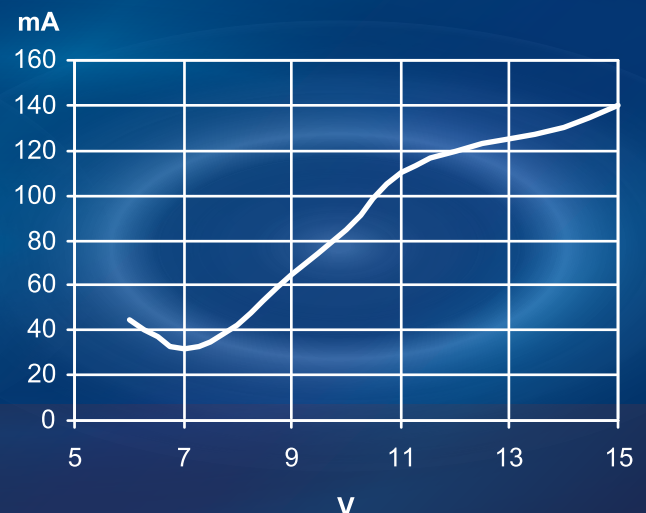
- Operating voltage : from 6V to 15V
- Operating current : 120mA average @12Vdc
- Operation frequency : 1.8 kHz to 3.5kHz ( $\pm 30\%$ )
- Storage temperature :  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Operating temperature :  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Alarm tone : frequency sweep with interval 2Hz ( $\pm 1\text{Hz}$ )
- Sound output : 110dB(A) ( $\pm 5\text{dB(A)}$ ) @12Vdc @1 meter
- Color: grey, black, red, ivory
- Terminals : pins, fast-on and wire connection
- Case material : ABS plastic (UL rating: 94 HB)
- Weight : 67g
- Life time : minimum 2000 hours continuous working @12Vdc @  $21^{\circ}\text{C}$
- Mounting on panels and walls with universal bracket

### ELECTRICAL PARAMETERS

Sound pressure level vs. operating voltage



Current consumption vs. operating voltage



All measurements are made @1 meter in free air @  $21^{\circ}\text{C}$ .