

ZETFON 300/310 DC

The ZÖLLNER ZETFON is a robust electrically operated whistle which is equally suitable for seagoing and inland vessels.

Essentials

- » full compliance with the Colreg 1972
- » type approved by all wellknown international maritime authorities and classification societies
- » application:
 - » vessels of 20 m but less than 75 m in length
 - » land alarm, i.e. bunker stations, refineries, airports, powerplants, factories
- » system voltage: 24 V DC
- » entirely made of best non-corrosion, seawater-resistant materials (no plastic!)

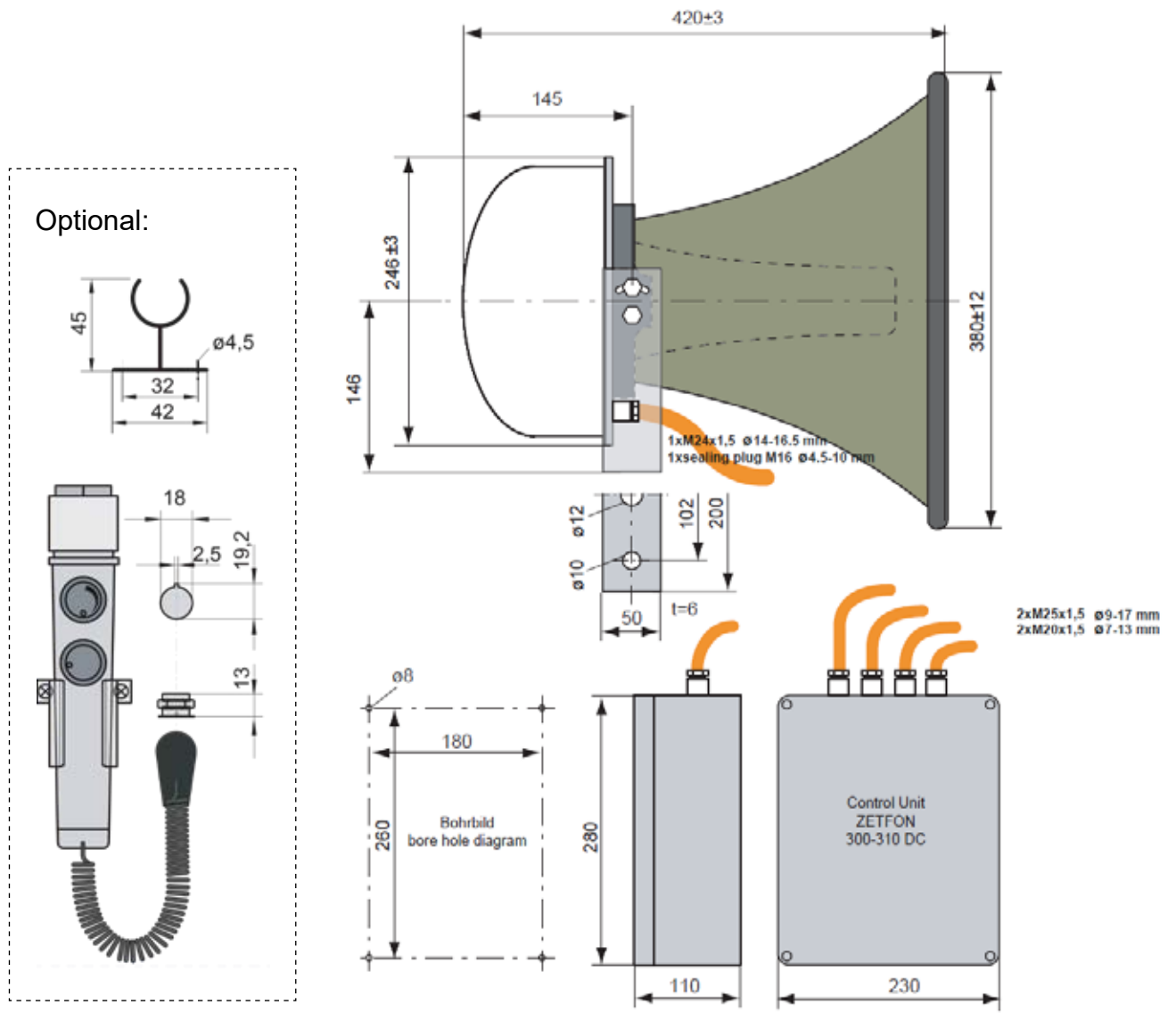
Advantages

- » decades of experience
- » best material and workmanship - made in Germany
- » optional speaker function
- » optional body heating (50 W) for cold areas available
- » control and amplifier unit with protection against cross-connection for supply voltage
- » low power consumption of 170 W
- » easy installation
 - » only one 2-core cable required for standard unit
 - » low weight
- » easy exchange of all parts with onboard tools



Sound Characteristics

- » broad frequency spectrum with many higher harmonics
- » signals with strong overtones for best penetration of background noise level - Even when a background noise covers the actual basic frequency, the residual tone forms a parent frequency in the human hearing. Two or three harmonics are sufficient for the hearing to perceive the basic frequency.
- » sound frequency of 310 Hz very advantageously ranks in the lower admissible range (250-700 Hz)
- » sound pressure level 131 dB in 1/3rd octave band level at 1 m distance



| type | ship length [m] | voltage | cable gland [mm] max. | fundamental frequency | sound intensity in 1/3rd-octave band level at 1 m distance | | max input when sounding [W] | body heating [W] | protection type | weight [kg] | type approval |
|----------------|-----------------|---------|-----------------------|-----------------------|--|---------------|-----------------------------|------------------|-----------------|-------------|---------------|
| | | | | | dB(A) | min. IMO [dB] | | | | | |
| 300/ 310 DC | 20-<75 | 24 V DC | ø7-13 ø9-16.5 | 310 | 131 | 130 | 170 | 50 | IP 56 | 7+6,5 | √ |

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