



BRIEF INFORMATION

Electronic horn B133E

- › Ideal for commercial vehicles
- › Robust housing with distinctive grille
- › High corrosion protection
- › PTFE pill to protect against humidity (optional)

PRODUCT FEATURES

Application

Signal horns are a mandatory part of the safety equipment of a vehicle. A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

Design and function

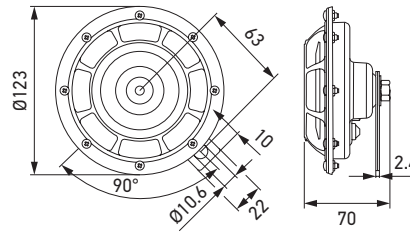
Signal horns are powered by the battery current pulse, which is normally transmitted via a voltage pulse controlled by the steering wheel. The current signal is sent to a relay, on which the entire control current is transmitted so that no voltage dips occur. As the signal horn is powered by the electric current, a magnetic field is generated which attracts a metal core (shaft) together with a steel membrane. This magnetism causes vibrations that are converted by varying resonances to produce low or high tones.

TECHNICAL DETAILS

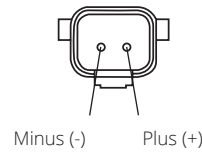
Technical data

Operating voltage range	Single-voltage (21 – 29 V)
Rated voltage	24 V
Current consumption	Max. 2.5 A
Power consumption	60 W
Diameter	123 mm
Material	Housing: Metal
Protection class	IP 5K9K
Lifetime	500.000 cycles
Temperature range	-40 °C to +80 °C
Approved	ECE-R10, ECE-R28
Protection	Polarity protection, thermal overload protection, overvoltage protection
Sound pressure level at 2 m	115 ± 3 dB(A)
Frequency range	300 Hz (low tone) 450 Hz (high tone)

Dimensional sketch




Pin assignment / electrical connection



Splashwater-proof
DEUTSCH DT connector 06-25

PROGRAM OVERVIEW

Product picture	Description	Part number	VPE*
	24 V, 300 Hz, low tone	3AF 005 631-227	32
	24 V, 450 Hz, high tone	3AF 005 631-237	32

* Packaging unit