



BRIEF INFORMATION

TE40 elong-life Trumpet Horn

- HELLA First-to-market in Global Market: Electronic design trumpet horn
- Fit & Forget series: Electronic components gives the long product life
- Switching mechanism is replaced by an electronic component
- Powerful and full harmonic sound validated by HELLA acoustic engineering
- 500,000 times maintenances free and 3 years HELLA quality warranty*

PRODUCT FEATURES

Application

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.

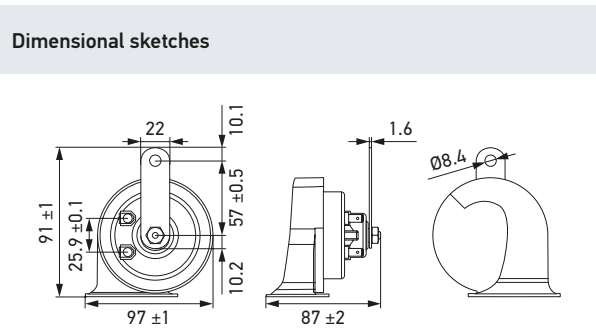
Design and function

- Signal horns are powered by battery current, which is normally controlled by a switching current, which is, in turn, controlled by the steering wheel. This is sent to a relay, which ensures a uniform power supply for the horn.
- As soon as there is supply voltage at the horn's solenoid, its armature is attracted together with the diaphragm. The power supply is triggered cyclically, meaning that there is an audible oscillation: the signal.
- If the horn is electronic, the oscillation is, of course, generated via the electronics. That is the reason why an electronic horn is much more trouble-free than a classic horn, where the oscillation is generated by mechanically controlling the solenoid.

* Please contact HELLA sales company in your local market about the details of warranty terms.

TECHNICAL DETAILS

Technical data	
Short Code	TE40
Rated voltage	12 V
Frequency range	400 Hz (low tone) 500 Hz (high tone)
Sound pressure level @ 2 m	110 ± 3 dB(A)
Power consumption	48 W per horn
Current Consumption	Max. 6 A
Operating temperature	-40 °C to +75 °C
Protection class	IP 65
Service life	500,000 cycles (ECE-R28)
Housing material	ABS
Type approval	ECE-R28



PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
	12 V, 400 / 500 Hz	3FH 007 728-981	1 set