



BRIEF INFORMATION

Reversing and warning alarm

- Penetrating, long-range alarm sound
- Protection against reverse polarity and voltage peaks
- Optionally available with automatic adjustment to environments with changing sound levels

PRODUCT FEATURES



- Effective sound
- Guaranteed brand quality
- Practice-proven service life

Special features

- Integrated bracket for universal mounting
- Certified according to SAE, CE and
- Splashwater-proof in accordance with IP5K9K



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TECHNICAL DETAILS

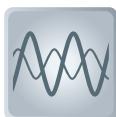
Technical specifications

Volume



82 – 112 dB (A)
@ 1,2 m

Audio frequency



1200 – 1300 Hz

Approval



[e11]; CE;
SAE J994

Voltage



12 – 48 V

Target groups

Truck



Agricultural machinery



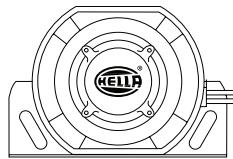
Transporter



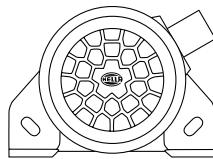
Forklift truck



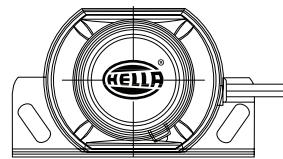
Technical drawing



Drawing A



Drawing B



Drawing C

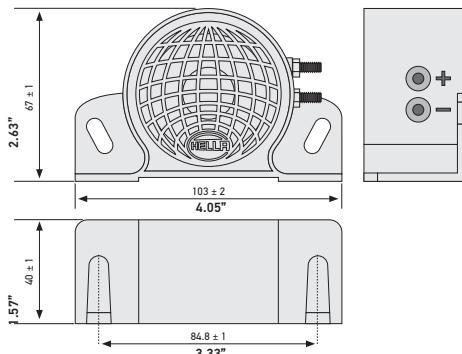
PROGRAM OVERVIEW

Part Number	Rated voltage (V)	Frequency (Hz)	Sound level dB (A) 1.2 m distance	Housing dimensions (mm) (L x W x H)	Connector diagram	Remarks	Drawing
996139001	12 – 24	1200	87 – 112	146 x 78 x 101	open cable ends	Automatic adjustment to environmental sound levels. Single	A
996139101	12 – 36	1300	107	127 x 70 x 76	open cable ends	Single	C
996139111	12 – 36	1250	112	146 x 78 x 103	open cable ends	Single	A
009148001	12 – 24	1200	90	101 x 46 x 74	Integrated AMP connector 	Single	B
009148011	12 – 24	1200	97	101 x 46 x 74	Integrated AMP connector 	Single	B
009148021	12 – 24	1200	107	101 x 46 x 74	Integrated AMP connector 	Single	B

TECHNICAL DETAILS

Technical specifications		Target groups
Material	Black plastic housing	
Mounting	With integrated bracket for universal mounting.	
Level of acoustic intensity	1 m away: 110 dB(A) +/- 10dB	
Voltage	9 - 48 V	
Frequency	1200 Hz	
Rated Continuous Current	0.6 A max	
Operating temperature	-40 °C to +85 °C.	
Protection class	IP67 (Resistant to water immersions)	
Weight	281 gr / 0.62 pounds	
Measurements	10.3 x 4 x 6.7 cm (4.05" x 1.57" x 2.63")	
Country of origin	China	

Technical drawing



PRODUCT RANGE

Product	Packaging	Part number	Product image
Backup Alarm - Plastic blister Multivolt: 9 - 48 V - Universal		009148142	
Backup Alarm - Box Multivolt: 9 - 48 V - Universal		009148141	
Backup Alarm - Box - with grounding strap Multivolt: 9 - 48 V - Universal		009148161 NEW!	
Backup Alarm - Box - with grounding strap, SAE J994 Type C, 102 dB (A)		009148221 NEW!	

Product features, specifications and availability are subject to change without notice.

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