

Electronic Audible Signal Devices / Electronic Buzzers Installation 109

Electr. Buzzer EM Contin. tone 230VAC BK



Part No.: 109.000.68



MECHANICAL DATA

Height	59 mm
Diameter	52 mm
Materials	PC PC/ABS
Housing colour	Black
Protection category	IP65
Connection	Screw terminals
cross-sectional area maximum	1,50mm² / 16AWG
Type of fixing	Built-in mounting
Working temperature minimum	-20°C
Working temperature maximum	+50°C
Weight with packaging	67 g
Product weight	52 g

ELECTRICAL DATA

Operating voltage	230V
Operating voltage type	AC
Operating voltage frequency	50Hz
Operating voltage tolerance	+/- 10%
Rated operational voltage	230 VAC
Rated operational current	25 mA
Rated inrush current	<500mA
Protection class	Protection class 2
Pollution degree	3 In the connection area: 2
Overvoltage category	II
Isolation voltage	Ui = 250V; Uimp = 2.500V

ACOUSTIC DATA

Volume (max) at 1m distance	80,0 dB (A)
Acoustic signal image	Continuous tone
Audio frequency	2100 Hz
Acoustic service life	5,000 h minimum

APPROVAL DATA

Conforms with CE	Yes
Conforms with RoHS directive	Yes
WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	No



For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

Conforms with UL	cULus
UL Type Rating	Type 4X
Conforms with FCC	No
Conforms with IC	No
EAC certificate available	Yes
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)
Conforms with AS-I	No
ICAO Certification	No
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No

Technical drawing of a 12V 100Ah battery with dimensions in mm. The drawing includes a front view, a side view, and a top view. The front view shows a width of 18mm and a height of 16mm. The side view shows a length of 35mm, a diameter of Ø52mm, and a terminal height of 8,5mm. The top view shows a diameter of Ø22,5mm and a terminal width of 3,2mm. The battery is labeled '12V 100Ah' and 'M22x1,5'.

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