

## Electronic Audible Signal Devices / Electronic Multi-Tone Sounders 110

**Multi-tone sounder EM 8 tne 230VAC BK**

Part No.: 110.000.68

**MECHANICAL DATA**

Height	59 mm
Diameter	72 mm
Materials	PC PC/ABS
Housing colour	Black
Protection category	IP65
Connection	Screw terminals
cross-sectional area maximum	1,50mm <sup>2</sup> / 16AWG
Type of fixing	Built-in mounting
Working temperature minimum	-20°C
Working temperature maximum	+50°C
Weight with packaging	91 g
Product weight	72 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	40 mA
Rated inrush current	<1A
Protection class	Protection class 2
Pollution degree	3 In the connection area: 2
Overvoltage category	II
Isolation voltage	U <sub>i</sub> = 250V; U <sub>imp</sub> = 2.500V

**ACUSTICAL DATA**

Volume (max) at 1m distance	100,0 dB (A)
Acoustic signal image	Multi-tone
Number of tones	8 tone
Acoustic service life	5,000 h minimum

**APPROVAL DATA**

Conforms with CE	Yes
WEEE	Yes
Conform with ATEX-directive	No
Conforms with CCC	No
Conforms with UL	cULus

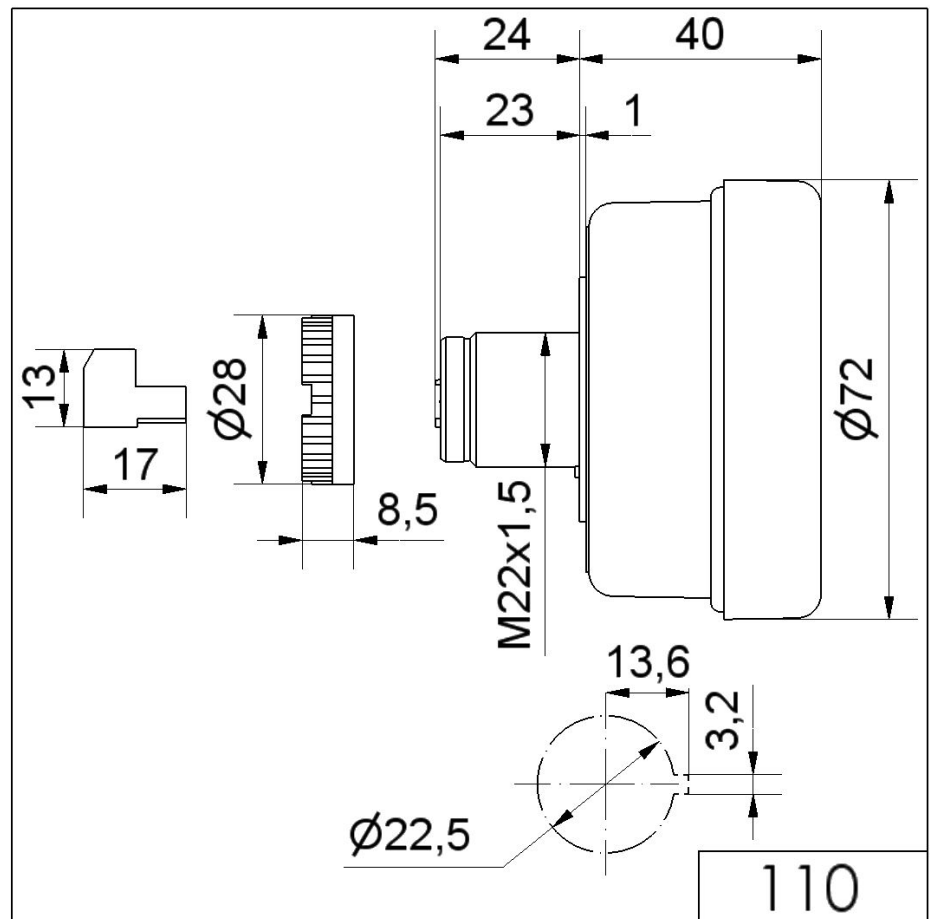


For additional installation and mounting information, refer to the appropriate user guide at [www.werma.com](http://www.werma.com). This printed copy is for information only and is subject to alteration.

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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 GL	No
Conforms with RoHS CN	No
Conforms with VdS	No
MTTF-value [years]	839

**DRAWING**



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