Installation sirens and buzzers / Electronic Audible Signal Devices Electr. Buzzer EM Contin/pulse 24VDC BK



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Part No.: 111.000.55



Diameter50 mmMaterialsPC PC/ABSHousing colourBlackProtection categoryIP65ConnectionScrew terminalsCross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWorking temperature maximum+50°CSonacting voltage24VOperating voltage typeDCDerating voltage typeDCSated operational voltage24 VDCRated operational current25 mARated operation classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATASolo M HaAcoustic service lifeSolo M HaAcoustic service lifeYesConforms with ATEX-directiveNo <th>MECHANICAL DATA</th> <th></th>	MECHANICAL DATA	
Diameter50 mmMaterialsPC PC/ABSHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational voltage24 VDCRated operational current350 mAPortection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATASolo db (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RMS directiveYesConforms with RTEX-directiveNoConforms with CCCNoConforms with ULNo	Height	72 mm
PC/ABSHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20° CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATADerating voltageOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3In the connection area: 2ACOUSTIC DATAContinuous tone Pulse toneAudio frequency2800 HzAcoustic signal imageYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Diameter	50 mm
Housing colourBlackProtection categoryIP65ConnectionScrew terminalsCross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATADeperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated operational current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATAS0,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAppROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Materials	
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ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service lifeYesConforms with CEYesConforms with RoHS directiveYesConforms with ATEX-directiveNoConforms with ULNo	Housing colour	Black
Cross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage typeDoperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational current25 mARated operational current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service lifeYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Protection category	IP65
Type of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA2800 HzVolume (max) at 1m distance80,0 dB (A)Acoustic service life5,000 h minimumAcoustic service lifeYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Connection	Screw terminals
Working temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated operational current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with ULNo	cross-sectional area maximum	1,50mm² / 16AWG
Working temperature maximum+50°CWeight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated operational current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATAContinuous tone Pulse toneAcoustic signal image2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Type of fixing	Built-in mounting
Weight with packaging50 gProduct weight40 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Working temperature minimum	-20°C
Product weight40 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Working temperature maximum	+50°C
ELECTRICAL DATA Operating voltage 24V Operating voltage type DC Operating voltage tolerance +/- 10% Rated operational voltage 24 VDC Rated operational current 25 mA Rated inrush current 350 mA Protection class Protection class 2 Pollution degree 3 In the connection area: 2 ACOUSTIC DATA Volume (max) at 1m distance 80,0 dB (A) Acoustic signal image Continuous tone Pulse tone Audio frequency 2800 Hz Acoustic service life 5,000 h minimum Approval DATA Yes Conforms with RoHS directive Yes Conforms with ATEX-directive No Conforms with CCC No Conforms with UL No	Weight with packaging	50 g
Operating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with ULNo	Product weight	40 g
Deparating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	ELECTRICAL DATA	
Deparating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with ULNo	Operating voltage	24V
Rated operational voltage24 VDCRated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Operating voltage type	DC
Rated operational current25 mARated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Operating voltage tolerance	+/- 10%
Rated inrush current350 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Rated operational voltage	24 VDC
Protection class Protection class 2 Pollution degree 3 In the connection area: 2 ACOUSTIC DATA Volume (max) at 1m distance 80,0 dB (A) Acoustic signal image Continuous tone Pulse tone Audio frequency 2800 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 ATEX-directive No Conforms with CCC No	Rated operational current	25 mA
Pollution degree3 In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesConforms with ATEX-directiveNoConforms with LCENoConforms with ULNo	Rated inrush current	350 mA
In the connection area: 2 ACOUSTIC DATA Volume (max) at 1m distance 80,0 dB (A) Acoustic signal image Continuous tone Pulse tone Audio frequency 2800 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 ATEX-directive No Conforms with CCC No Conforms with UL No	Protection class	Protection class 2
Volume (max) at 1m distance80,0 dB (A)Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Pollution degree	-
Acoustic signal imageContinuous tone Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	ACOUSTIC DATA	
Pulse toneAudio frequency2800 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Volume (max) at 1m distance	80,0 dB (A)
Acoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Acoustic signal image	
APPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Audio frequency	2800 Hz
Conforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Acoustic service life	5,000 h minimum
Conforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	APPROVAL DATA	
WEEEYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Conforms with CE	Yes
Conforms with ATEX-directiveNoConforms with CCCNoConforms with ULNo	Conforms with RoHS directive	Yes
Conforms with CCC No Conforms with UL No	WEEE	Yes
Conforms with UL No	Conforms with ATEX-directive	No
	Conforms with CCC	No
Conforms with FCC No	Conforms with UL	No
	Conforms with FCC	No

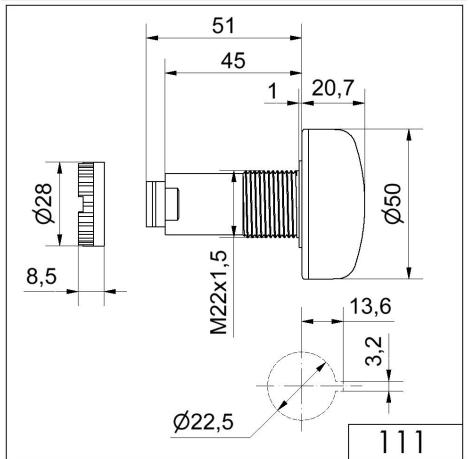
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

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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

DRAWING



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