## Electronic Audible Signal Devices / Electronic Buzzers Installation 107 Installation Buzzer Pulse 12/24VAC/DC



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Part No.: 107.010.70



Height61 mmDiameter28 mmMaterialsPA-GFHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging32 gProduct weight20 gELECTRICAL DATA24VOperating voltage tolerance+/- 10%Rated operational current8 mARated operational current8 mARated inrush current30 mAProtection classProtection area: 2ACOUSTIC DATA3Volume (max) at 1m distance60,0 dB (A)Volume (max) at 10 cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic signal imageYesConforms with CEYesConforms with ATEX-directiveYesConforms with ATEX-directiveNoConforms with CCCNoConforms with ULcULus	MECHANICAL DATA		
NaterialsPA-GFHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging32 gProduct weight20 gELECTRICAL DATAOperating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA10cm distanceVolume (max) at 1m distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumApproVal DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with CCCNo	Height	61 mm	
Housing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGType of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging32 gProduct weight20 gELECTRICAL DATAOperating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 10 distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAppROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with CCCNo	Diameter	28 mm	
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Type of fixingBuilt-in mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging32 gProduct weight20 g <b>ELECTRICAL DATA</b> Operating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2 <b>ACOUSTIC DATA</b> 50,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimum <b>APPROVAL DATA</b> YesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Connection	Screw terminals	
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Weight with packaging32 gProduct weight20 gELECTRICAL DATAOperating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated operational current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA50,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Working temperature minimum	-20°C	
Product weight20 gELECTRICAL DATAOperating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA80,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Working temperature maximum	+50°C	
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Operating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA60,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNo	Product weight	20 g	
Operating voltage12V 24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATA60,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with ATEX-directiveNoConforms with CCCNo	FLECTRICAL DATA		
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Rated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Operating voltage tolerance	+/- 10%	
Rated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Rated operational voltage	24 VDC	
Protection classProtection class 2Pollution degree3 In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesWEEEYesConforms with ATEX-directiveNoConforms with ATEX-directiveNo	Rated operational current	8 mA	
Pollution degree3 In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Rated inrush current	30 mA	
In the connection area: 2ACOUSTIC DATAVolume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Protection class	Protection class 2	
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Volume (max) at 1m distance60,0 dB (A)Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo		In the connection area: 2	
Volume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	ACOUSTIC DATA		
Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Volume (max) at 1m distance	60,0 dB (A)	
Number of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Volume (max) at 10cm distance	80,0 dB (A)	
Audio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Acoustic signal image	Pulse tone	
Acoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Number of tones	1 tone	
APPROVAL DATAConforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Audio frequency	2400 Hz	
Conforms with CEYesConforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Acoustic service life	5,000 h minimum	
Conforms with RoHS directiveYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	APPROVAL DATA		
WEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Conforms with CE	Yes	
Conforms with ATEX-directive No   Conforms with CCC No	Conforms with RoHS directive	Yes	
Conforms with CCC No	WEEE	Yes	
	Conforms with ATEX-directive	No	
Conforms with UL cULus	Conforms with CCC	No	
	Conforms with UL	cULus	

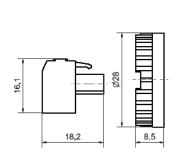
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

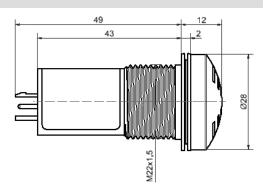
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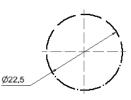
## Electronic Audible Signal Devices / Electronic Buzzers Installation 107 Installation Buzzer Pulse 12/24VAC/DC

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
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No
MTTF-value [years]	3129

## DRAWING







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.