## 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 DATAOperating voltage12VQuerating voltage tolerance+/- 10%Rated operational outrent8 mARated operational current8 mARated operational current30 mAProtection classProtection class 2Pollution degree3In the connection area: 2Acustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesConforms with CEYesVesYesConforms with ATEX-directiveNoConforms with ATEX-directiveNoConforms with ULcUlus	MECHANICAL DATA	
MaterialsPA-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 DATA	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 tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATAVolume (max) at 1m distanceVolume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesVEEEYesConforms with CEYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	Diameter	28 mm
Protection 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 voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATA80,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesWEEEYesConforms with CEYesWEEEYesConforms with RED directiveNoConforms with ATEX-directiveNoConforms with CCCNo	Materials	PA-GF
ConnectionScrew 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 voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATAVolume (max) at 1m distanceVolume (max) at 10cm distance80,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesWEEEYesConforms with CEYesWEEEYesConforms with RED directiveNoConforms with ATEX-directiveNoConforms with CCCNo	Housing colour	Black
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Type 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: 2ACUSTICAL DATA40,0 dB (A)Volume (max) at 1m distance60,0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesWEEEYesConforms with CEYesWEEEYesConforms with RED directiveNoConforms with CCCNo	Connection	Screw terminals
Working 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: 2ACUSTICAL DATA40.0 dB (A)Volume (max) at 1m distance60.0 dB (A)Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAYesWEEEYesWEEEYesConforms with CEYesWEEEYesConforms with ATEX-directiveNoConforms with CCCNo	cross-sectional area maximum	1,50mm <sup>2</sup> / 16AWG
Working temperature maximum+50°CWeight with packaging32 gProduct weight20 gELECTRICAL DATA20 gOperating 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: 2ACUSTICAL DATA40.0 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 RED directiveNoConforms with CCCNo	Type of fixing	Built-in mounting
Weight 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: 2ACUSTICAL DATAVolume (max) at 1m distanceVolume (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 RED directiveNoConforms with CCCNo	Working temperature minimum	-20°C
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ELECTRICAL DATA   Operating voltage 12V   24V   Operating voltage type AC/DC   Operating voltage tolerance +/- 10%   Rated operational voltage 24 VDC   Rated operational current 8 mA   Rated inrush current 30 mA   Protection class Protection class 2   Pollution degree 3   In the connection area: 2   ACUSTICAL DATA   Volume (max) at 1m distance 60,0 dB (A)   Volume (max) at 10cm distance 80,0 dB (A)   Acoustic signal image Pulse tone   Number of tones 1 tone   Acudio frequency 2400 Hz   Acoustic service life 5,000 h minimum   APPROVAL DATA Yes   Conforms with CE Yes   WEEE Yes   Conforms with RED directive No   Conforms with CCC No	Weight with packaging	32 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: 2ACUSTICAL DATA*********************************	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: 2ACUSTICAL DATA*********************************		
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Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATA60,0 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 RED directiveNoConforms with CCCNo		
Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATA60,0 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 RED directiveNoConforms with CCCNo	Operating voltage type	AC/DC
Rated operational voltage24 VDCRated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL DATAVolume (max) at 1m distanceKoustic signal image60,0 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 CEYesWEEEYesConforms with RED directiveNoConforms with ATEX-directiveNoConforms with CCCNo		
Rated operational current8 mARated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL 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 RED directiveNoConforms with CCCNo		
Rated inrush current30 mAProtection classProtection class 2Pollution degree3 In the connection area: 2ACUSTICAL 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 RED directiveNoConforms with CCCNo		8 mA
Pollution degree3 In the connection area: 2ACUSTICAL 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 RED directiveNoConforms with ATEX-directiveNoConforms with CCCNo	-	30 mA
In the connection area: 2    ACUSTICAL DATA   Volume (max) at 1m distance 60,0 dB (A)   Volume (max) at 10cm distance 80,0 dB (A)   Acoustic signal image Pulse tone   Number of tones 1 tone   Audio frequency 2400 Hz   Acoustic service life 5,000 h minimum   APPROVAL DATA Yes   Conforms with CE Yes   WEEE Yes   Conforms with RED directive No   Conforms with CCC No	Protection class	Protection class 2
In the connection area: 2ACUSTICAL 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 CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Pollution degree	3
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 CEYesWEEEYesConforms with RED directiveNoConform 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 CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	ACUSTICAL DATA	
Acoustic signal imagePulse toneNumber of tones1 toneAudio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesWEEEYesConforms with RED directiveNoConform 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 CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Volume (max) at 10cm distance	80,0 dB (A)
Audio frequency2400 HzAcoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Acoustic signal image	Pulse tone
Acoustic service life5,000 h minimumAPPROVAL DATAConforms with CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Number of tones	1 tone
APPROVAL DATAConforms with CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Audio frequency	2400 Hz
Conforms with CEYesWEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Acoustic service life	5,000 h minimum
WEEEYesConforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	APPROVAL DATA	
Conforms with RED directiveNoConform with ATEX-directiveNoConforms with CCCNo	Conforms with CE	Yes
Conform with ATEX-directiveNoConforms with CCCNo	WEEE	Yes
Conforms with CCC No	Conforms with RED directive	No
	Conform with ATEX-directive	No
Conforms with UL CULus	Conforms with CCC	No
	Conforms with UL	cULus

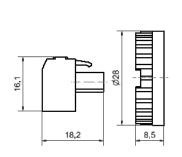
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

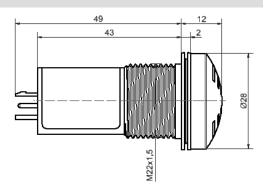
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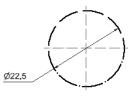
## Electronic Audible Signal Devices / Electronic Buzzers Installation 107 Installation Buzzer Pulse 12/24VAC/DC

UL Type Rating	Туре 4Х
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 GL	No
Conforms with RoHS CN	No
Conforms with VdS	No

## 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.