Mini / LED/Horn 424 LED Horn WM Contin. tone 24VAC/DC RD



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Part No.: 424.120.75

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Height235 mmDiameter83 mmMaterialsPCDome colourRedHousing colourGreyProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage topranceOperating voltage frequency50HzOperating voltage toprance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OTTICAL DATAIEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous toneAudio frequency110 Hz	MECHANICAL DATA		
MaterialsPCDome colourRedHousing colourGreyProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage tolerance+/- 10%Rated operational outrage24 VDCRated operational current80 mARated operational current80 mARated operational current2000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Height	235 mm	
Dome colourRedHousing colourGreyProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Diameter	83 mm	
Housing colourGreyProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Materials	PC	
Protection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage trequency50HzOperating voltage trequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Dome colour	Red	
ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage frequency50HzOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAYolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Housing colour	Grey	
cross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAYolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Protection category	IP65	
Cable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATA98,0 dB (A)Acoustic signal imageContinuous tone	Connection	Screw terminals	
Cable entry minimumd = 1 mmCable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 g ELECTRICAL DATA Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3 OPTICAL DATA LEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximum ACOUSTIC DATA Yolume (max) at 1m distanceVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	cross-sectional area maximum	1,50mm² / 16AWG	
Cable entry maximumd = 9 mmTension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 g ELECTRICAL DATA Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3 OPTICAL DATA Light sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximum ACOUSTIC DATA Volume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Cable entry	Membrane grommet	
Tension reliefPull-out protectionType of fixingWall mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging223 gProduct weight166 g ELECTRICAL DATA Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3 OPTICAL DATA Light sourceLEDLight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximum ACOUSTIC DATA 98,0 dB (A)Acoustic signal imageContinuous tone	Cable entry minimum	d = 1 mm	
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Working temperature maximum+50°CWeight with packaging223 gProduct weight166 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Type of fixing	Wall mounting	
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Product weight166 gELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Working temperature maximum	+50°C	
ELECTRICAL DATAOperating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Weight with packaging	223 g	
Operating voltage24VOperating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Product weight	166 g	
Operating voltage typeAC/DCOperating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	ELECTRICAL DATA		
Operating voltage frequency50HzOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Operating voltage	24V	
Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Operating voltage type	AC/DC	
Rated operational voltage24 VDCRated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Operating voltage frequency	50Hz	
Rated operational current80 mARated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Operating voltage tolerance	+/- 10%	
Rated inrush current2.000 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Rated operational voltage	24 VDC	
Protection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Rated operational current	80 mA	
Pollution degree3OPTICAL DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Rated inrush current	2.000 mA	
OPTICAL DATA Light source LED Light colour Red Optical signal image Permanent Service life optical 50,000 h maximum ACOUSTIC DATA Volume (max) at 1m distance Volume (max) at 1m distance 98,0 dB (A) Acoustic signal image Continuous tone	Protection class	Protection class 2	
Light sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Pollution degree	3	
Light colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	OPTICAL DATA		
Optical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Light source	LED	
Service life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Light colour	Red	
ACOUSTIC DATA Volume (max) at 1m distance 98,0 dB (A) Acoustic signal image Continuous tone	Optical signal image	Permanent	
Volume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone	Service life optical	50,000 h maximum	
Acoustic signal image Continuous tone	ACOUSTIC DATA		
Acoustic signal image Continuous tone	Volume (max) at 1m distance	98,0 dB (A)	
		110 Hz	

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.

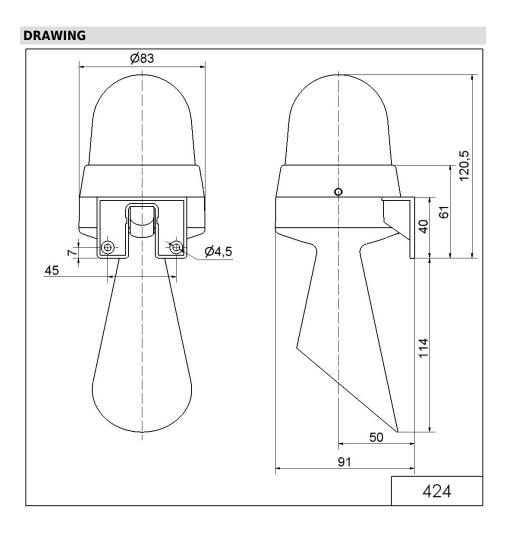
Mini / LED/Horn 424 LED Horn WM Contin. tone 24VAC/DC RD

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
Conforms with UL	No
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

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