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 | |
| Type 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 Volume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone | Cable entry maximum | d = 9 mm | |
| Working 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 DATALight sourceLEDLight colourRedOptical signal imagePermanentService life optical50,000 h maximumACOUSTIC DATAVolume (max) at 1m distance98,0 dB (A)Acoustic signal imageContinuous tone | Tension relief | Pull-out protection | |
| 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 | |
| Weight 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 | Working temperature minimum | -20°C | |
| 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.

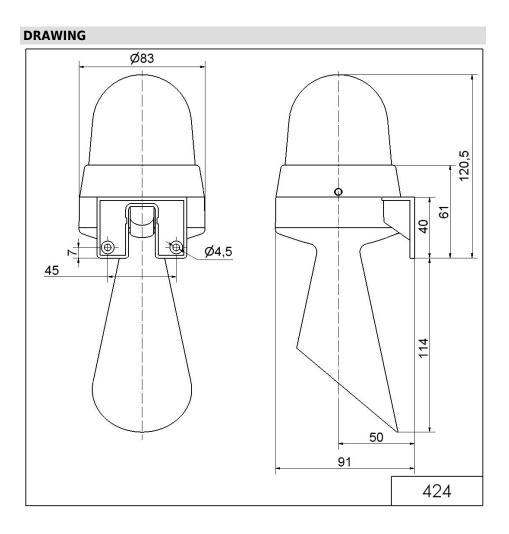
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| Acoustic service life | 5,000 h minimum |
|-------------------------------|-----------------------|
| APPROVAL DATA | |
| Conforms with CE | Yes |
| Conforms with RoHS directive | Yes |
| WEEE | Yes |
| Conforms with ATEX-directive | No |
| Conforms 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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