## Midi / LED/Flash/EVS/Multi-t. sounder 431 LED Siren BM 32 tne 115-230VAC GN



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Part No.: 431.200.60



## **MECHANICAL DATA**

Height171 mmDiameter146 mmMaterialsPC PC/ABSDome colourGreenHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 13 mmCable entry maximumd = 13 mmTension reliefPresent (conforms to VDE)Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 g <b>ELECTRICAL DATA</b>	MECHANICAL DATA	
MaterialsPC PC/ABSDome colourGreenHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 1 ammTension reliefPresent (conforms to VDE)Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 g <b>ELECTRICAL DATA</b> Operating voltage115-230VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated operational current50 mARated operational current50 mARated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALEDLight sourceLEDLight colourGreenOptical signal imageEVS	Height	171 mm
PC/ABSDome colourGreenHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 1 a mmTension reliefPresent (conforms to VDE)Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 gELECTRICAL DATAOperating voltage115-230VOperating voltage tolerance+/-10%Rated operational orltage230 VACRated operational current155 mARated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight sourceLEDLight colourGreenOptical signal imageEVS	Diameter	146 mm
Dome colourGreenHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area maximum1,50mm² / 16AWGCable entryMembrane grommetCable entry minimumd = 1 mmCable entry maximumd = 13 mmTension reliefPresent (conforms to VDE)Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 gELECTRICAL DATAOperating voltage typeACOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational voltage230 VACRated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALEDLight sourceLEDLight colourGreenOptical signal imageEVS	Materials	
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Tension reliefPresent (conforms to VDE)Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 g <b>ELECTRICAL DATA</b> Operating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational voltage230 VACRated inrush current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Cable entry minimum	d = 1 mm
Type of fixingBase mountingWorking temperature minimum-30°CWorking temperature maximum+50°CWeight with packaging645 gProduct weight502 g <b>ELECTRICAL DATA</b> Operating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500V <b>OPTICAL DATA</b> Light sourceLEDLight colourGreenOptical signal imageEVS	Cable entry maximum	d = 13 mm
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Working temperature maximum+50°CWeight with packaging645 gProduct weight502 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight sourceLEDLight colourGreenOptical signal imageEVS	Type of fixing	Base mounting
Weight with packaging645 gProduct weight502 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourGreenOptical signal imageEVS	Working temperature minimum	-30°C
Product weight502 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Working temperature maximum	+50°C
Beter String with the second string str	Weight with packaging	645 g
Operating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Product weight	502 g
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Operating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Operating voltage	115-230V
60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Operating voltage type	AC
Operating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Operating voltage frequency	50Hz at 230V
Rated operational voltage230 VACRated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS		
Rated operational current155 mARated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS		+/- 10%
Rated inrush current400 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Rated operational voltage	230 VAC
Protection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS		155 mA
Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Rated inrush current	400 mA
Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourGreenOptical signal imageEVS	Protection class	Protection class 2
Isolation voltage Ui = 250V; Uimp = 2.500V OPTICAL DATA Light source LED Light colour Green Optical signal image EVS	Pollution degree	3
OPTICAL DATA Light source LED Light colour Green Optical signal image EVS	Overvoltage category	II
Light sourceLEDLight colourGreenOptical signal imageEVS	Isolation voltage	Ui = 250V; Uimp = 2.500V
Light colourGreenOptical signal imageEVS	OPTICAL DATA	
Optical signal image EVS	Light source	LED
	Light colour	Green
Flash	Optical signal image	EVS
Permanent		
Service life optical 50,000 h maximum	Service life optical	50,000 h maximum

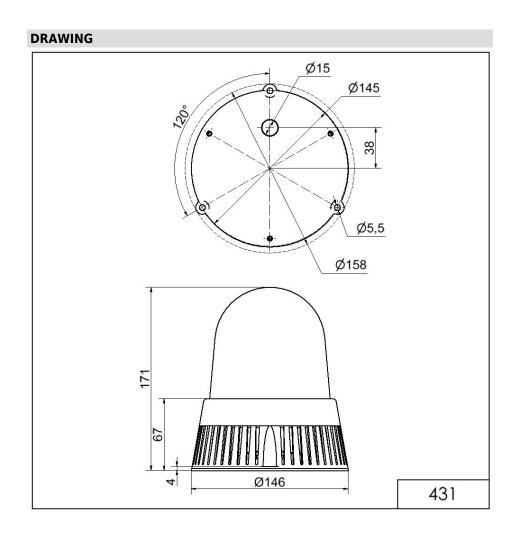
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

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108,0 dB (A)	
Multi-tone	
32 tone	
5,000 h minimum	
APPROVAL DATA	
Yes	
Yes	
Yes	
No	
No	
cULus	
Type 12	
No	
No	
Yes	
Yes (WERMA (UK) Ltd.)	
No	

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