

Heavy-Duty / Flash/Multi-Tone Sounder 439

Flash/Sounder WM 32 tne 115-230VAC GY/RD



Part No.: 439.110.68

Width Height 119 mm Materials ABS PC Dome colour Red Housing colour Protection category Protection Connection Cross-sectional area minimum Cable entry Cable entry maximum Cable entry m	MECHANICAL DATA	
Height 119 mm Materials ABS PC Dome colour Red Housing colour Grey Protection category IP66 Connection Screw terminals cross-sectional area minimum 0,25mm² / 24AWG cross-sectional area maximum 2,50mm² / 14AWG Cable entry Screwed cable gland Cable entry minimum d = 8 mm Cable entry maximum d = 12 mm Tension relief Present (conforms to VDE) Type of fixing Wall mounting Working temperature minimum +70°C Weight with packaging 508 g	Length	138 mm
Materials ABS PC Dome colour Red Housing colour Protection category Connection Cross-sectional area minimum Cable entry Cable entry maximum Cable	Width	136 mm
Dome colour Red Housing colour Protection category Protection category IP66 Connection Cross-sectional area minimum Cable entry Cable entry minimum Cable entry maximum Cable entry maximum Tension relief Type of fixing Working temperature minimum Working temperature maximum Prose PC Red	Height	119 mm
Housing colour Protection category Connection Cross-sectional area minimum Cross-sectional area maximum Cable entry Cable entry minimum Cable entry maximum Cable entry m	Materials	
Protection category Connection Screw terminals cross-sectional area minimum cross-sectional area maximum Cable entry Cable entry minimum Cable entry minimum Cable entry maximum Cable entry maximum Tension relief Present (conforms to VDE) Type of fixing Working temperature minimum Working temperature maximum +70°C Weight with packaging Screw terminals 2,50mm² / 24AWG 2,50mm² / 14AWG Screwed cable gland d = 8 mm d = 12 mm Present (conforms to VDE) Wall mounting 4-70°C	Dome colour	Red
Connection Connection Cross-sectional area minimum Cross-sectional area maximum Cable entry Cable entry minimum Cable entry maximum Cable entry maximum Cable entry maximum Cable entry maximum Tension relief Present (conforms to VDE) Type of fixing Working temperature minimum -25°C Working temperature maximum Working temperature maximum Foresent (conforms to VDE) Wall mounting Wall mounting -25°C Working temperature maximum +70°C Weight with packaging Screw terminals 0,25mm² / 24AWG 2,50mm² / 14AWG Screwed cable gland d = 8 mm Mel = 12 mm Fresent (conforms to VDE) Type of fixing Wall mounting	Housing colour	Grey
cross-sectional area minimum cross-sectional area maximum 2,50mm² / 24AWG Cable entry Screwed cable gland Cable entry minimum Cable entry maximum Cable entry maximum Tension relief Type of fixing Working temperature minimum Working temperature maximum Foresent (conforms to VDE) Wall mounting Wall mounting Working temperature maximum +70°C Weight with packaging 508 g	Protection category	IP66
cross-sectional area maximum Cable entry Cable entry minimum Cable entry maximum Cable entry maximum Tension relief Type of fixing Working temperature minimum Working temperature maximum Page 12 mm Present (conforms to VDE) Wall mounting Wall mounting +70°C Weight with packaging So8 g	Connection	Screw terminals
Cable entry Cable entry minimum Cable entry maximum Cable entry maximum Cable entry maximum Tension relief Type of fixing Working temperature minimum Working temperature maximum Hore Weight with packaging Screwed cable gland d = 8 mm All mounting Wall mounting -25°C +70°C Weight with packaging Screwed cable gland d = 8 mm All Hore Fresent (conforms to VDE) Wall mounting -25°C -70°C	cross-sectional area minimum	0,25mm² / 24AWG
Cable entry minimum Cable entry maximum d = 8 mm d = 12 mm Tension relief Present (conforms to VDE) Type of fixing Wall mounting Working temperature minimum -25°C Working temperature maximum +70°C Weight with packaging 508 g	cross-sectional area maximum	2,50mm ² / 14AWG
Cable entry maximum d = 12 mm Tension relief Present (conforms to VDE) Wall mounting Working temperature minimum -25°C Working temperature maximum +70°C Weight with packaging 508 g	Cable entry	Screwed cable gland
Tension relief Present (conforms to VDE) Type of fixing Wall mounting Working temperature minimum -25°C Working temperature maximum +70°C Weight with packaging 508 g	Cable entry minimum	d = 8 mm
Type of fixing Wall mounting Working temperature minimum -25°C Working temperature maximum +70°C Weight with packaging 508 g	Cable entry maximum	d = 12 mm
Working temperature minimum -25°C Working temperature maximum +70°C Weight with packaging 508 g	Tension relief	Present (conforms to VDE)
Working temperature maximum +70°C Weight with packaging 508 g	Type of fixing	Wall mounting
Weight with packaging 508 g	Working temperature minimum	-25°C
	Working temperature maximum	+70°C
	Weight with packaging	508 g
Product weight 453 g	Product weight	453 g

ELECTRICAL DATA	
Operating voltage	115-230V
Operating voltage type	AC
Operating voltage frequency	50Hz at 230V 60Hz at 115V
Operating voltage tolerance	+/- 10%
Rated operational voltage	230 VAC
Rated operational current	30 mA
Rated inrush current	< 1A
Protection class	Protection class 2
Pollution degree	3
Overvoltage category	II
Isolation voltage	Ui = 250V; Uimp = 2.500V

OPTICAL DATA	
Light source	Xenon
Light colour	Red
Optical signal image	Flash

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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Flash frequency	1 Hz
Flash output	2 J
Service life optical	50,000 h maximum

ACOUSTIC DATA	
Volume (max) at 1m distance	105,0 dB (A)
Acoustic signal image	Multi-tone
Number of tones	32 tone
Acoustic service life	5,000 h minimum

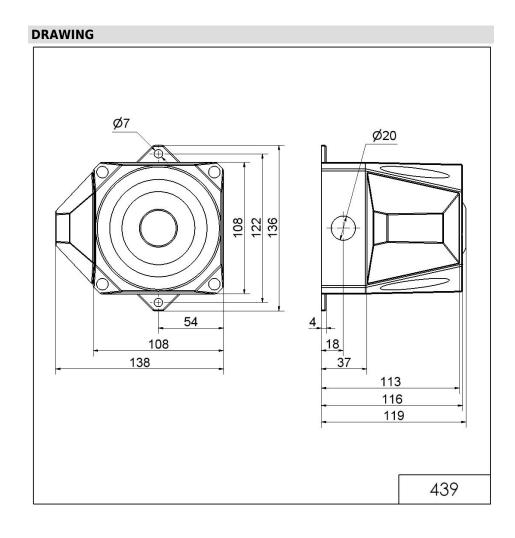
APPROVAL DATA	
Conforms with CE	Yes
Conforms with RoHS directive	Yes
WEEE	No
Conforms with ATEX-directive	No
Conforms with CCC	No
Conforms with UL	No
Conforms with FCC	No
Conforms with IC	No
EAC certificate available	Yes
Conforms with AS-I	No
ICAO Certification	No
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No

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