

Heavy-Duty / Flash/Multi-Tone Sounder 439

Flash/Sounder WM 32 tne 9-60VDC RD/RD



Part No.: 439.010.55



MECHANICAL DATA

Length	138 mm
Width	136 mm
Height	119 mm
Materials	ABS PC
Dome colour	Red
Housing colour	Red
Protection category	IP66
Connection	Screw terminals
cross-sectional area minimum	0,25mm ² / 24AWG
cross-sectional area maximum	1,50mm ² / 16AWG
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	-25°C
Working temperature maximum	+70°C
Weight with packaging	487 g
Product weight	430 g

ELECTRICAL DATA

Operating voltage	9-60V
Operating voltage type	DC
Operating voltage tolerance	+/- 0%
Rated operational voltage	24 VDC
Rated operational current	230 mA
Protection class	Protection class 2
Pollution degree	3

OPTICAL DATA

Light source	Xenon
Light colour	Red
Optical signal image	Flash
Flash frequency	1 Hz
Flash output	2 J
Service life optical	50,000 h maximum

ACOUSTIC DATA



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.

Heavy-Duty / Flash/Multi-Tone Sounder 439

Flash/Sounder WM 32 tne 9-60VDC RD/RD

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
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



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.

Flash/Sounder WM 32 tne 9-60VDC RD/RD

Technical drawing of a speaker unit, showing front and side views with dimensions.

Front View (Left):

- Overall width: 138
- Overall height: 136
- Mounting holes: 4 holes, each with a diameter of $\phi 7$.
- Inner diameter of the speaker cone: 108
- Distance from the center of the mounting holes to the center of the speaker cone: 54

Side View (Right):

- Overall depth: 119
- Distance from the front face to the rear of the speaker cone: 116
- Distance from the front face to the rear of the mounting flange: 113
- Distance from the front face to the center of the mounting holes: 37
- Distance from the front face to the center of the mounting holes (offset): 18
- Thickness of the mounting flange: 4
- Mounting hole diameter: $\phi 20$

3/3